

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078531.D
 Acq On : 14 Jul 2023 18:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

Quant Time: Jul 15 04:06:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	438848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	780423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	700395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	302138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	324062	55.082	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.160%			
35) Dibromofluoromethane	8.171	113	275725	52.046	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.100%			
50) Toluene-d8	10.570	98	1031083	51.520	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.040%			
62) 4-Bromofluorobenzene	12.853	95	330515	53.616	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	227775	42.333	ug/l	100
3) Chloromethane	2.371	50	298569	51.054	ug/l	100
4) Vinyl Chloride	2.518	62	361792	47.824	ug/l	97
5) Bromomethane	2.942	94	223555	46.357	ug/l	98
6) Chloroethane	3.112	64	230258	50.328	ug/l	99
7) Trichlorofluoromethane	3.494	101	415416	45.936	ug/l	99
8) Diethyl Ether	3.971	74	143486	47.622	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	221292	46.226	ug/l	97
10) Methyl Iodide	4.600	142	315331	47.935	ug/l	94
11) Tert butyl alcohol	5.541	59	225772	248.864	ug/l	99
12) 1,1-Dichloroethene	4.341	96	212268	45.840	ug/l	92
13) Acrolein	4.189	56	207676	232.671	ug/l	94
14) Allyl chloride	5.030	41	306220	48.395	ug/l	95
15) Acrylonitrile	5.735	53	587213	256.181	ug/l	99
16) Acetone	4.441	43	451173	246.189	ug/l	96
17) Carbon Disulfide	4.718	76	550313	41.098	ug/l	98
18) Methyl Acetate	5.041	43	383024	49.372	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	746331	48.917	ug/l	100
20) Methylene Chloride	5.283	84	262409	49.917	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	242442	46.461	ug/l	89
22) Diisopropyl ether	6.688	45	719477	50.781	ug/l	95
23) Vinyl Acetate	6.618	43	2267487	251.741	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	457908	47.964	ug/l	97
25) 2-Butanone	7.494	43	748412	259.433	ug/l	89
26) 2,2-Dichloropropane	7.500	77	310631	39.782	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	292187	48.403	ug/l	98
28) Bromochloromethane	7.824	49	234859	52.230	ug/l	92
29) Tetrahydrofuran	7.853	42	488247	257.934	ug/l	85
30) Chloroform	7.977	83	497714	50.075	ug/l	98
31) Cyclohexane	8.265	56	346624	43.596	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	441589	49.554	ug/l	97
36) 1,1-Dichloropropene	8.377	75	349035	45.629	ug/l	98
37) Ethyl Acetate	7.577	43	309097	48.473	ug/l #	95
38) Carbon Tetrachloride	8.371	117	395577	47.581	ug/l	98
39) Methylcyclohexane	9.606	83	326641	46.781	ug/l	92
40) Benzene	8.618	78	1089119	48.059	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	152950	47.050	ug/l	94
42) 1,2-Dichloroethane	8.676	62	373286	48.427	ug/l	99
43) Isopropyl Acetate	8.700	43	529869	50.471	ug/l	94
44) Trichloroethene	9.359	130	279016	45.681	ug/l	95
45) 1,2-Dichloropropane	9.629	63	278609	48.540	ug/l	98
46) Dibromomethane	9.718	93	200067	49.524	ug/l	93
47) Bromodichloromethane	9.894	83	397316	49.063	ug/l	100
48) Methyl methacrylate	9.688	41	243791	50.123	ug/l	91
49) 1,4-Dioxane	9.700	88	110441	1041.196	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	1664576	266.561	ug/l	94
52) Toluene	10.635	92	693592	49.382	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	400708	48.300	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	430280	48.656	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	280740	50.731	ug/l	95
56) Ethyl methacrylate	10.882	69	405466	52.415	ug/l	92
57) 1,3-Dichloropropane	11.170	76	461991	49.100	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	753395	273.286	ug/l	93
59) 2-Hexanone	11.200	43	1194951	269.247	ug/l	93
60) Dibromochloromethane	11.365	129	306022	50.091	ug/l	100
61) 1,2-Dibromoethane	11.476	107	281919	49.454	ug/l	99
64) Tetrachloroethene	11.112	164	227088	43.125	ug/l	93
65) Chlorobenzene	11.900	112	727011	46.438	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.964	131	285594	47.420	ug/l	98
67) Ethyl Benzene	11.970	91	1284722	48.548	ug/l	98
68) m/p-Xylenes	12.076	106	975751	99.728	ug/l	97
69) o-Xylene	12.406	106	485240	49.101	ug/l	98
70) Styrene	12.417	104	788094	50.974	ug/l	98
71) Bromoform	12.582	173	205256	50.322	ug/l #	98
73) Isopropylbenzene	12.700	105	1183667	41.693	ug/l	100
74) N-amyl acetate	12.500	43	432623	44.218	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.947	83	397326	50.114	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	325897m	44.625	ug/l	
77) Bromobenzene	12.988	156	291034	47.048	ug/l	96
78) n-propylbenzene	13.041	91	1341856	44.196	ug/l	100
79) 2-Chlorotoluene	13.129	91	847455	42.613	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	969218	43.207	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	112517	40.486	ug/l	91
82) 4-Chlorotoluene	13.229	91	791942	42.687	ug/l	97
83) tert-Butylbenzene	13.447	119	819072	43.008	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	966986	44.380	ug/l	99
85) sec-Butylbenzene	13.623	105	1037860	43.114	ug/l	98
86) p-Isopropyltoluene	13.735	119	863696	44.683	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	475513	43.630	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	472368	43.029	ug/l	99
89) n-Butylbenzene	14.064	91	656283	47.453	ug/l	96
90) Hexachloroethane	14.341	117	174717	49.165	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	474507	43.748	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	64960	47.707	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	154205	44.547	ug/l	97
94) Hexachlorobutadiene	15.505	225	84900	47.176	ug/l	98
95) Naphthalene	15.647	128	471677	39.857	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	166324	41.786	ug/l	97

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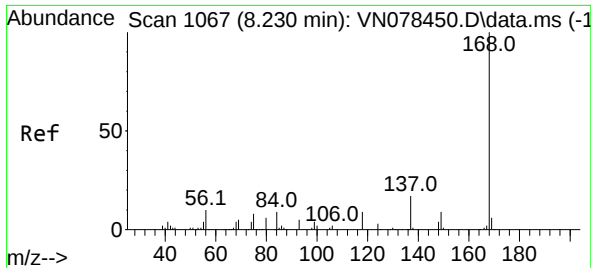
Manual Integrations
APPROVED

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



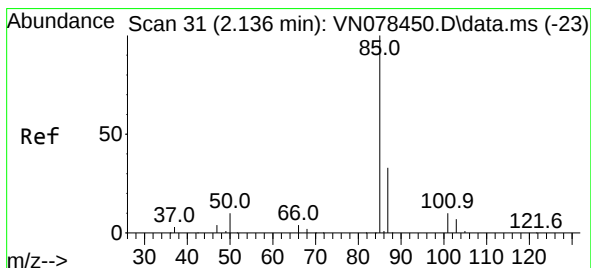
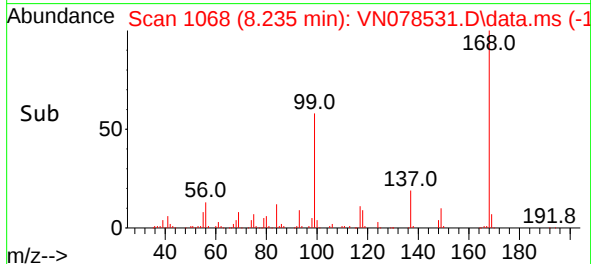
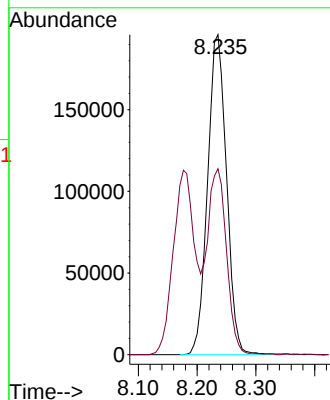
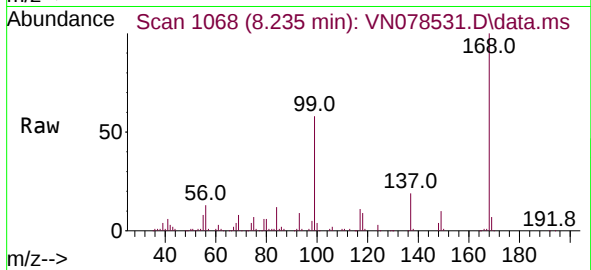
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078531.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 438848
Ion Ratio Lower Upper
168 100
99 58.1 53.0 79.6

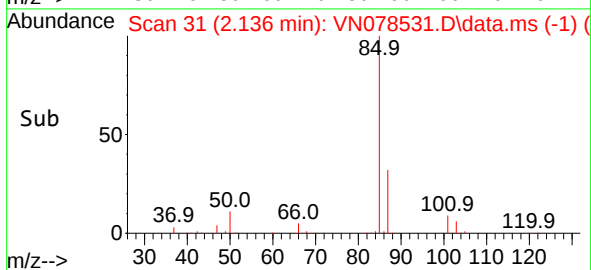
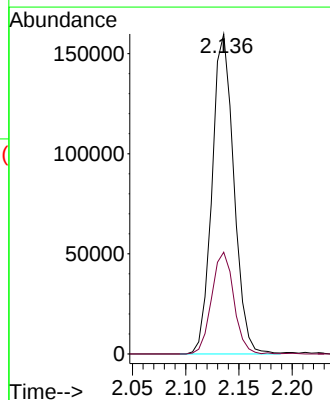
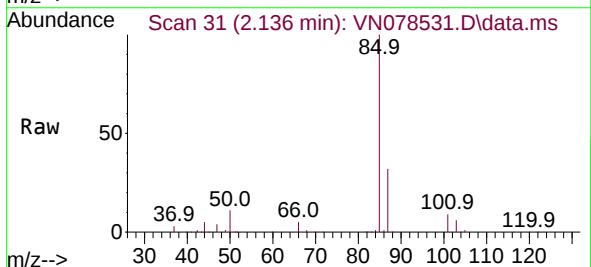
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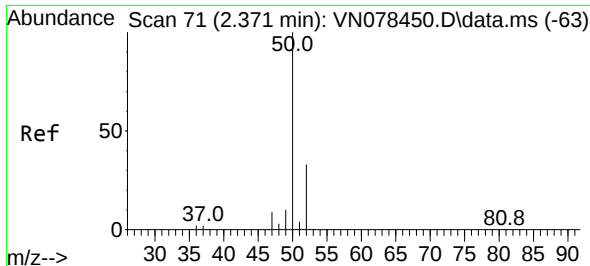
Reviewed By :John Carlone 07/17/2023
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#2
Dichlorodifluoromethane
Concen: 42.333 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

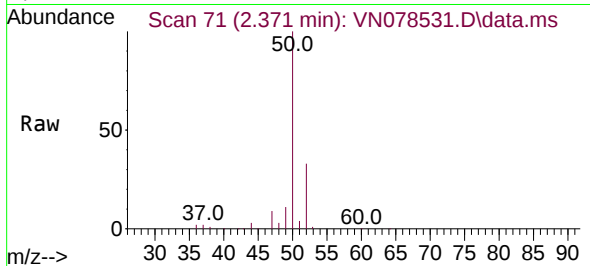
Tgt Ion: 85 Resp: 227775
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





#3
Chloromethane
Concen: 51.054 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

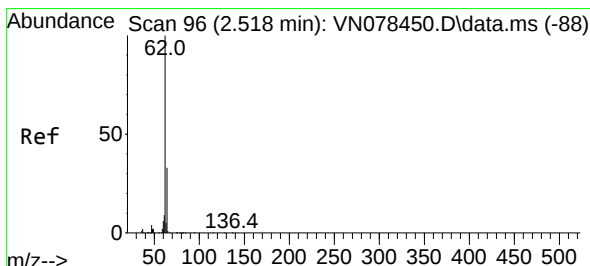
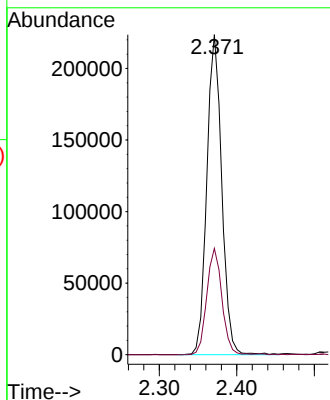
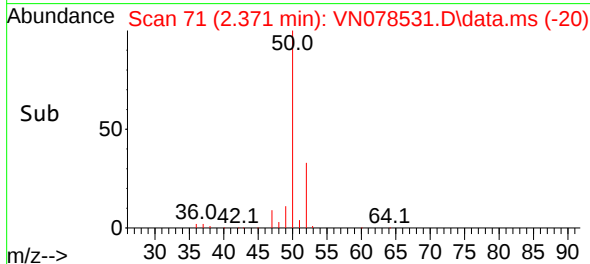
Instrument :
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Tgt Ion: 50 Resp: 298569
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

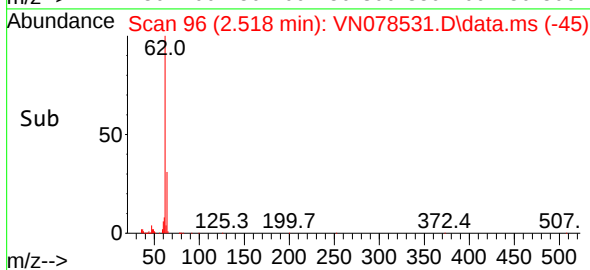
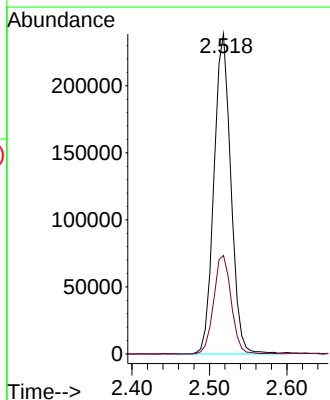
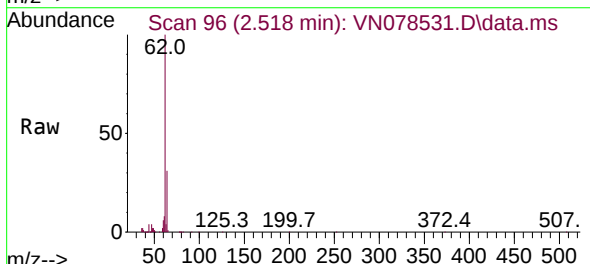
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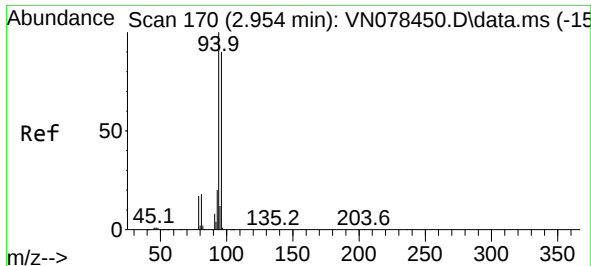
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#4
Vinyl Chloride
Concen: 47.824 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

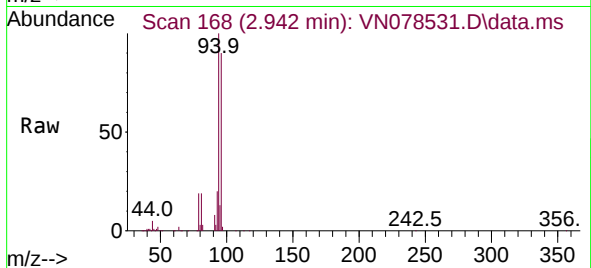
Tgt Ion: 62 Resp: 361792
Ion Ratio Lower Upper
62 100
64 30.8 26.2 39.2





#5
Bromomethane
Concen: 46.357 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

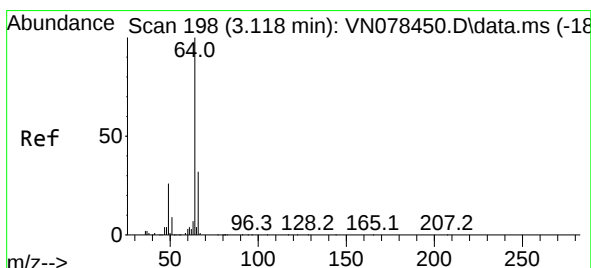
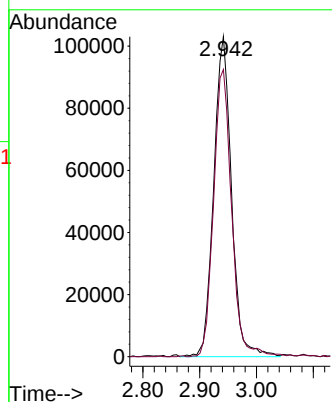
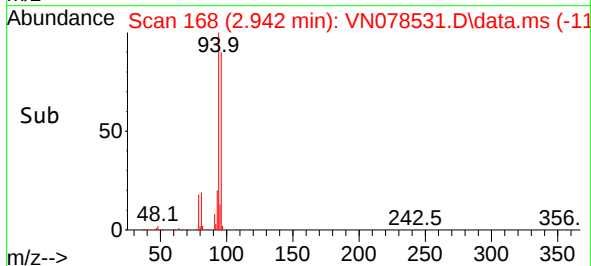
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Tgt Ion: 94 Resp: 22355
Ion Ratio Lower Upper
94 100
96 89.6 73.1 109.7

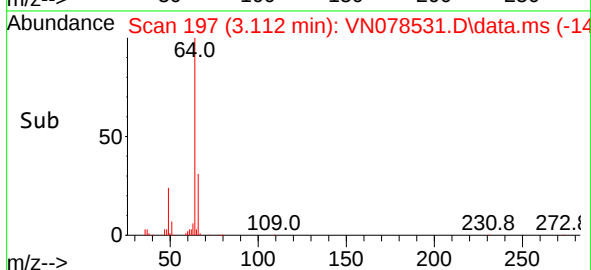
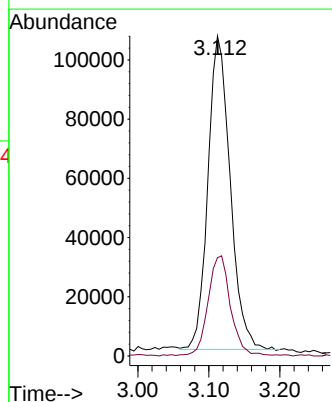
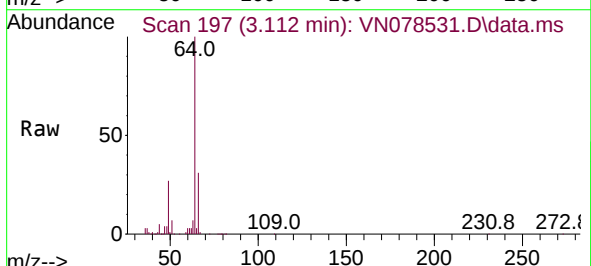
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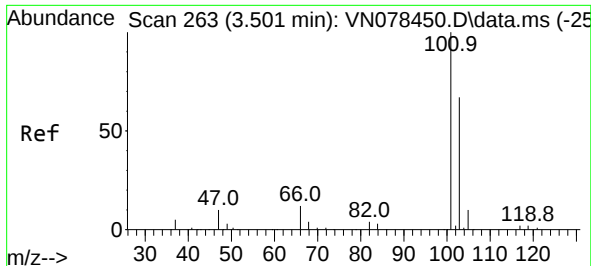
Reviewed By :John Carlone 07/17/2023
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#6
Chloroethane
Concen: 50.328 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
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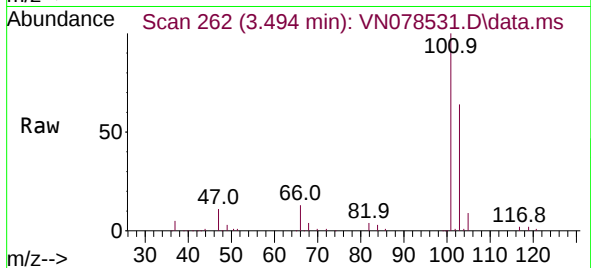
Tgt Ion: 64 Resp: 230258
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 45.936 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.007 min
Lab File: VN078531.D
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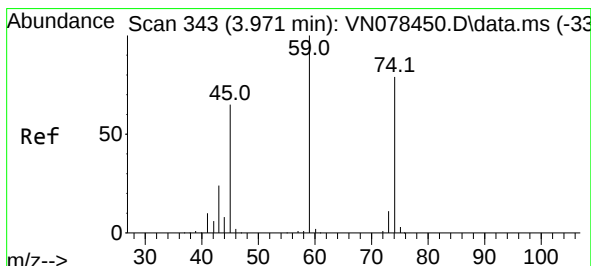
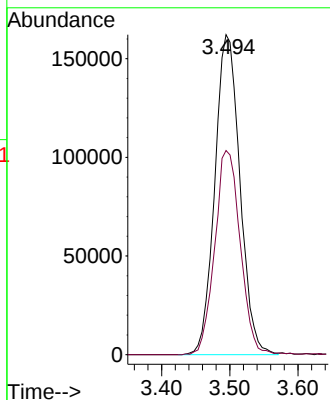
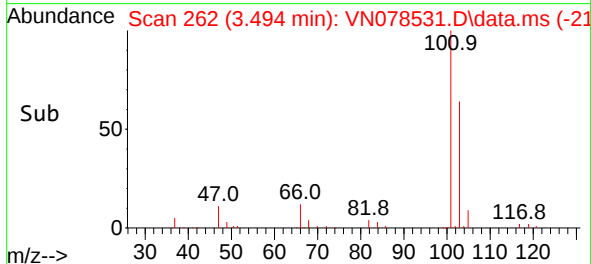
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Tgt Ion:101 Resp: 415410
Ion Ratio Lower Upper
101 100
103 63.8 50.7 76.1

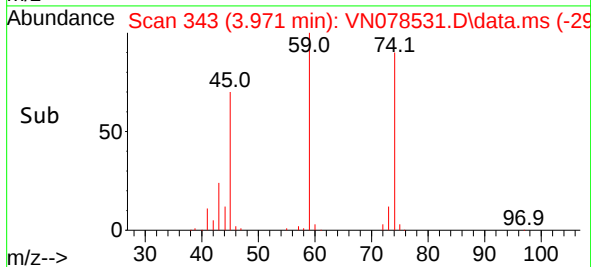
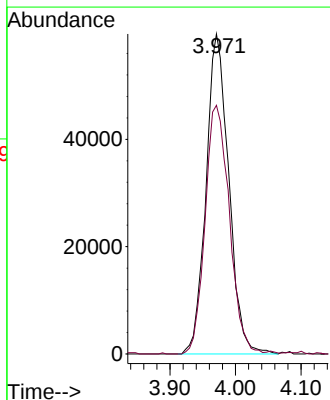
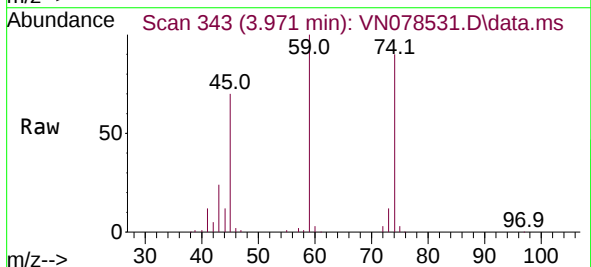
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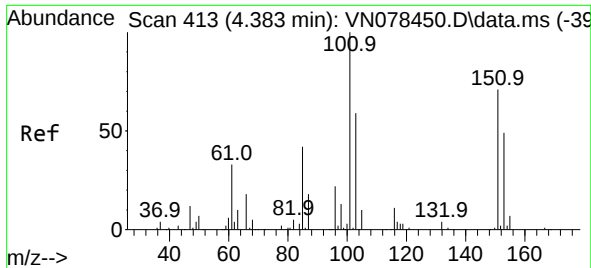
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#8
Diethyl Ether
Concen: 47.622 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 143486
Ion Ratio Lower Upper
74 100
45 83.1 34.4 103.3





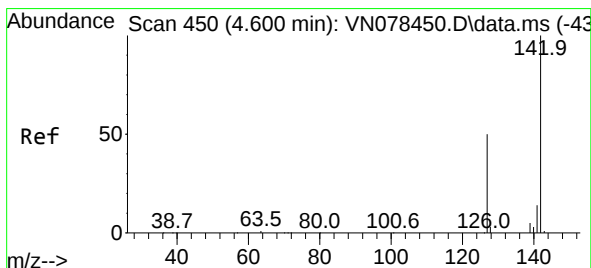
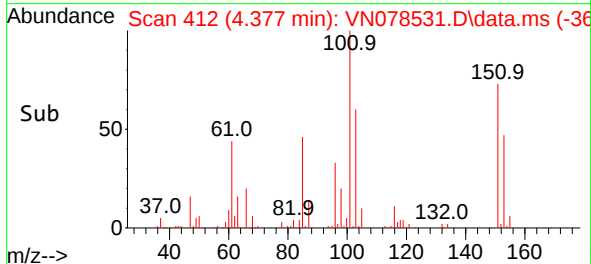
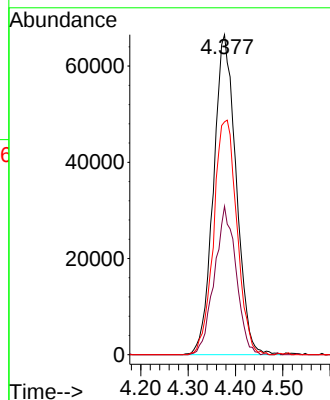
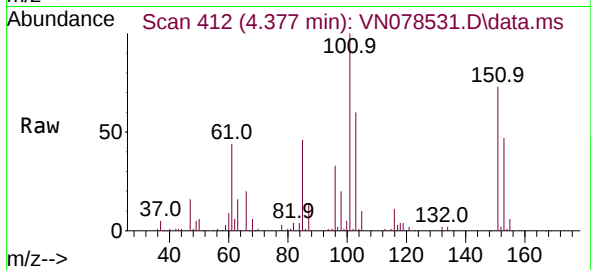
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.226 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 22129
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 75.4 57.6 86.4

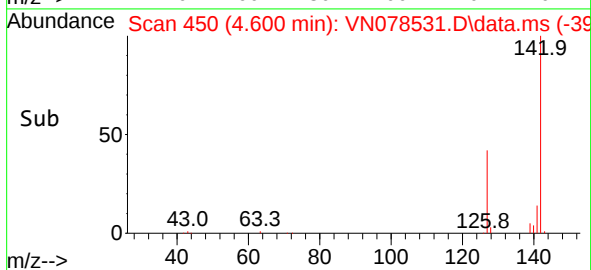
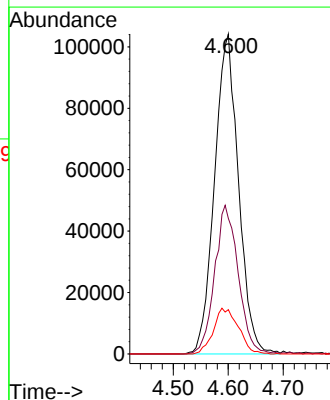
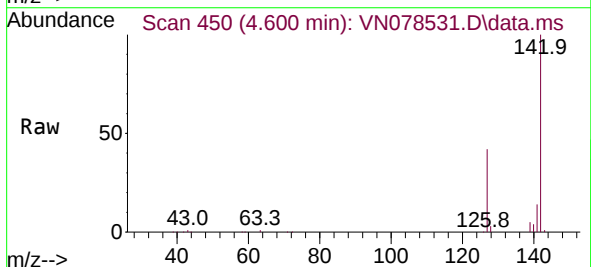
Manual Integrations
APPROVED

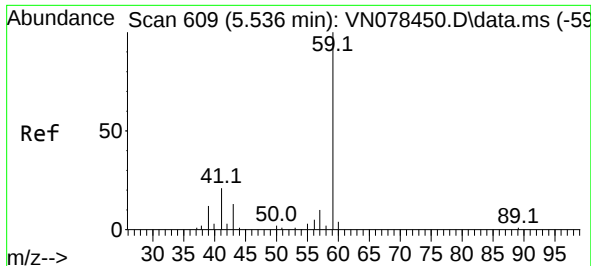
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#10
Methyl Iodide
Concen: 47.935 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

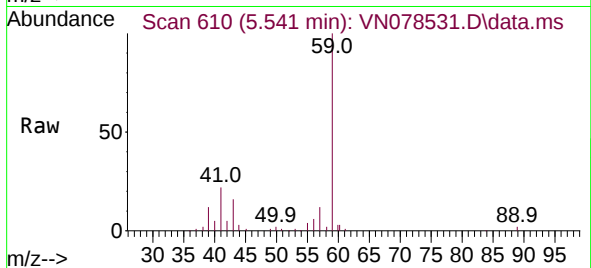
Tgt Ion:142 Resp: 315331
Ion Ratio Lower Upper
142 100
127 42.3 37.6 56.4
141 13.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 248.864 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.005 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

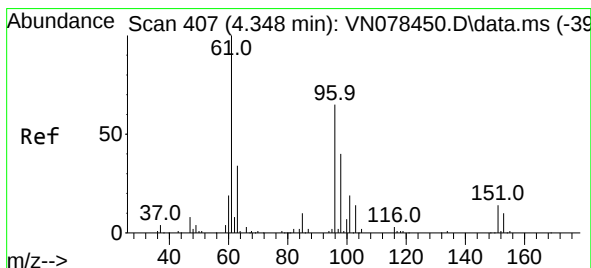
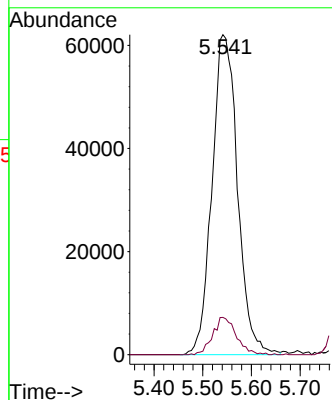
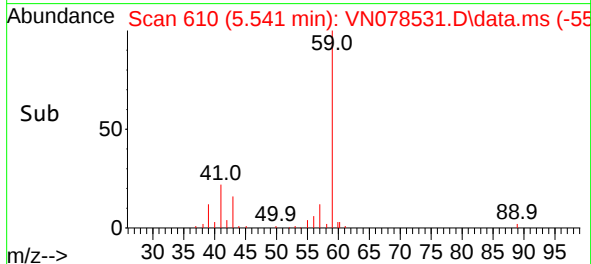
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



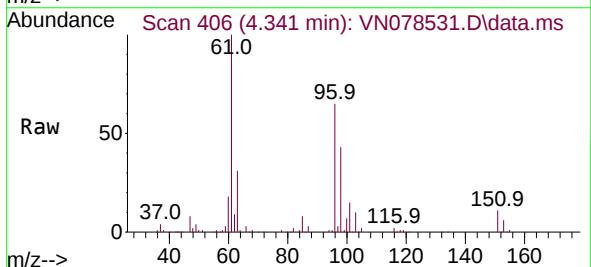
Tgt Ion: 59 Resp: 225772
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

Manual Integrations
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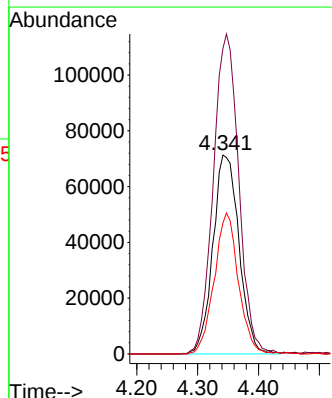
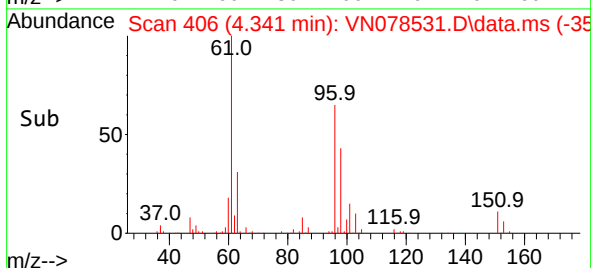
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

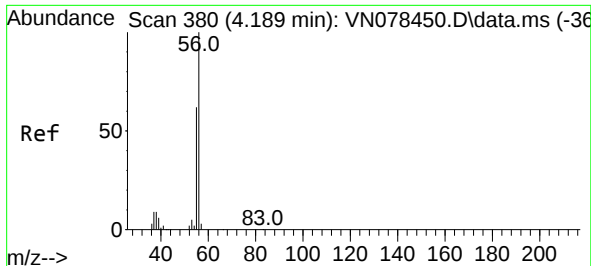


#12
1,1-Dichloroethene
Concen: 45.840 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.007 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51



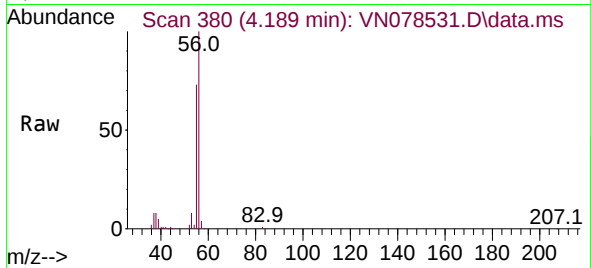
Tgt Ion: 96 Resp: 212268
Ion Ratio Lower Upper
96 100
61 153.6 112.7 169.1
98 65.8 51.2 76.8





#13
Acrolein
Concen: 232.671 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

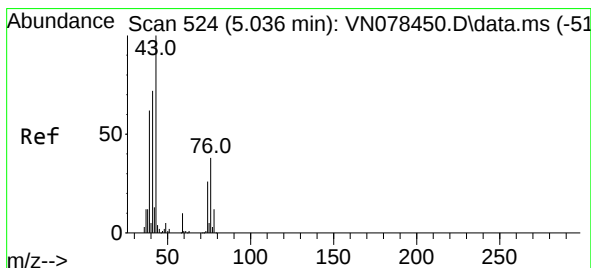
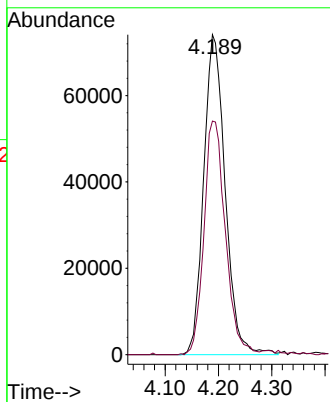
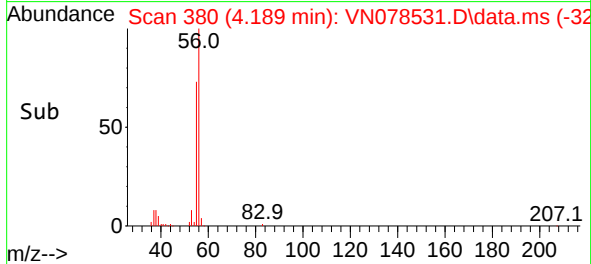
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 207670
Ion Ratio Lower Upper
56 100
55 72.8 54.5 81.7

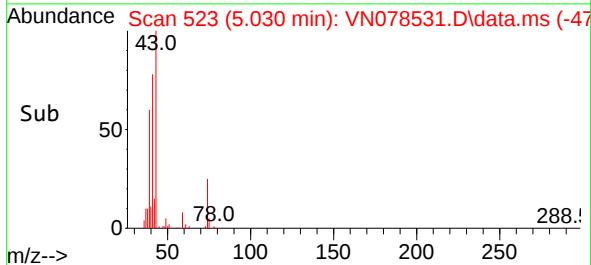
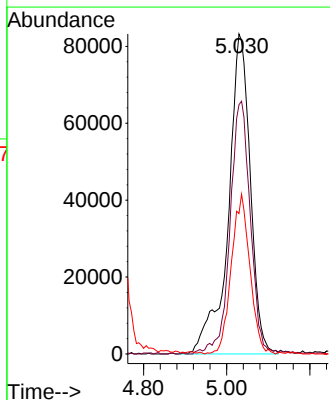
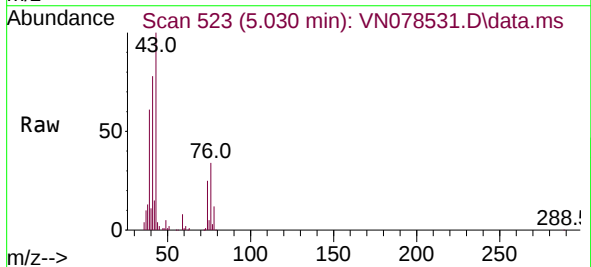
Manual Integrations
APPROVED

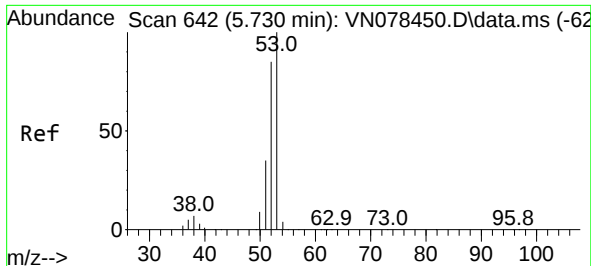
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#14
Allyl chloride
Concen: 48.395 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

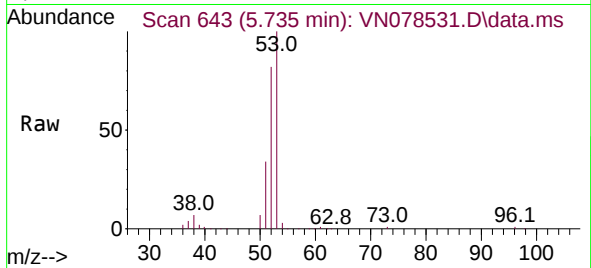
Tgt Ion: 41 Resp: 306220
Ion Ratio Lower Upper
41 100
39 72.4 58.8 88.2
76 42.0 39.1 58.7





#15
Acrylonitrile
Concen: 256.181 ug/l
RT: 5.735 min Scan# 642
Delta R.T. 0.005 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

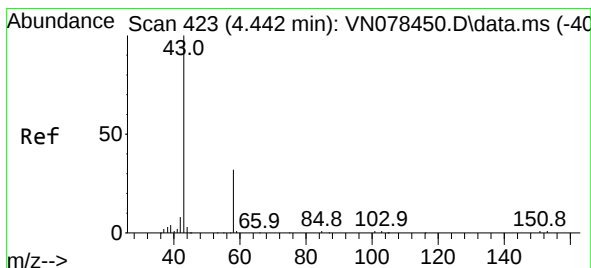
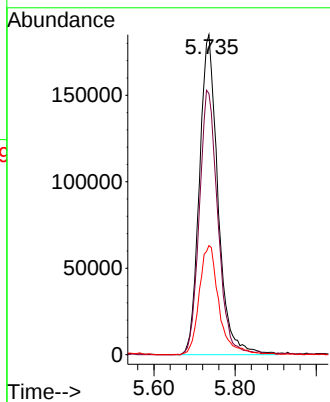
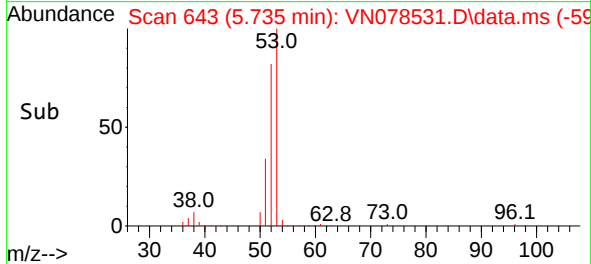
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 58721
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 36.1 28.9 43.3

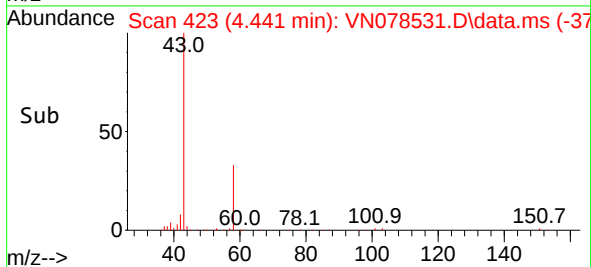
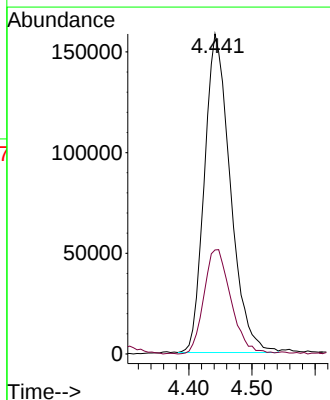
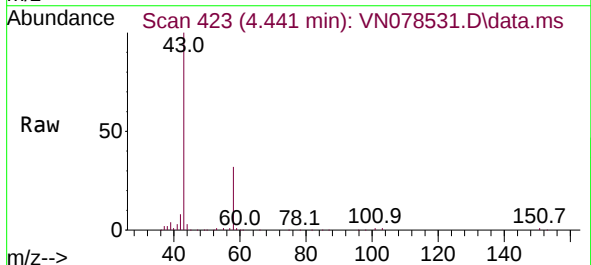
Manual Integrations
APPROVED

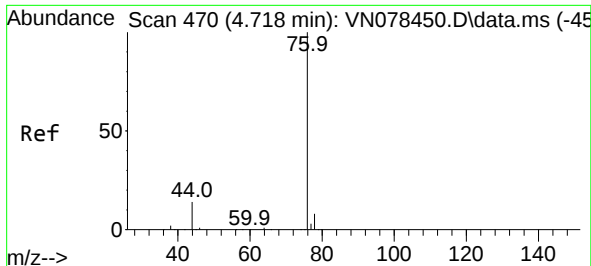
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#16
Acetone
Concen: 246.189 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Tgt Ion: 43 Resp: 451173
Ion Ratio Lower Upper
43 100
58 32.6 28.0 42.0





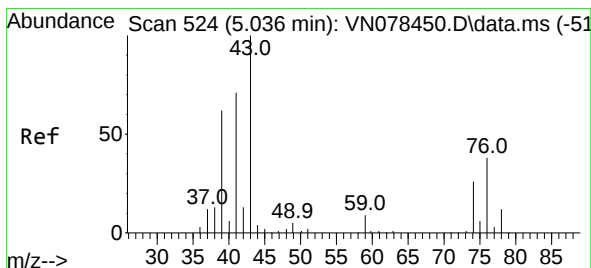
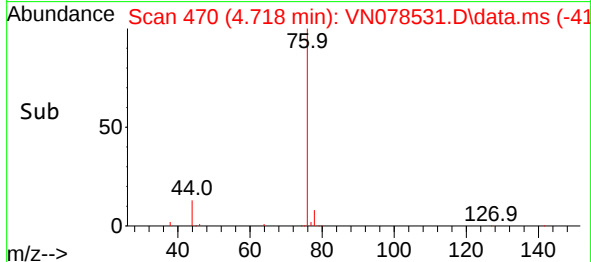
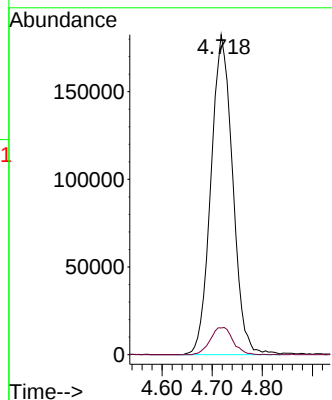
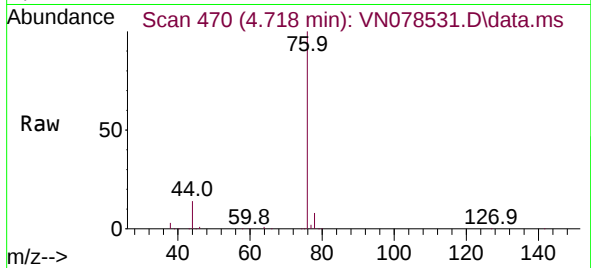
#17
Carbon Disulfide
Concen: 41.098 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 55031
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

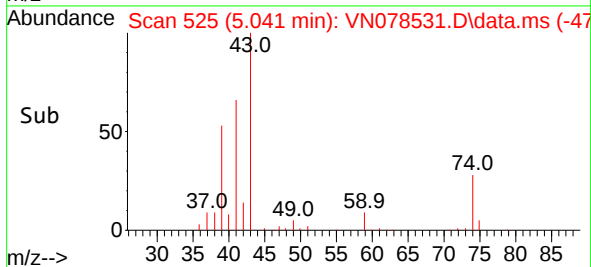
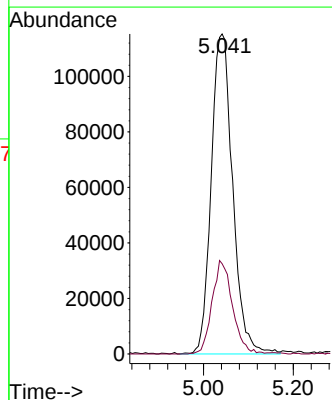
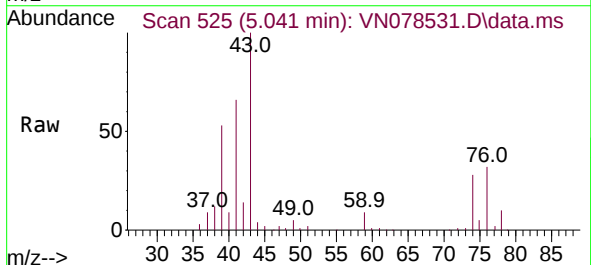
Manual Integrations
APPROVED

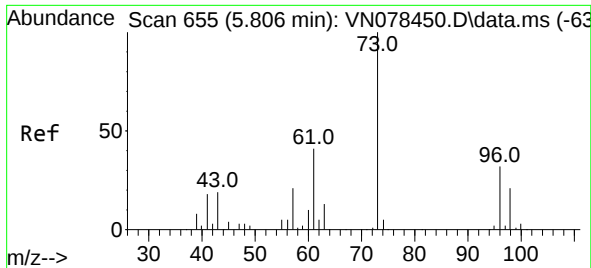
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#18
Methyl Acetate
Concen: 49.372 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.005 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

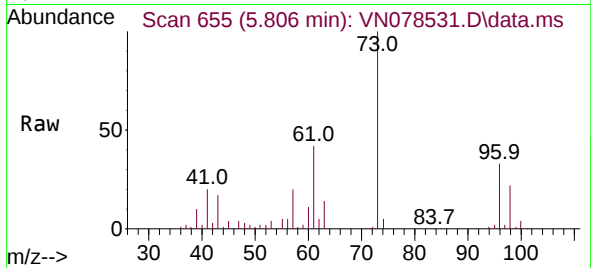
Tgt Ion: 43 Resp: 383024
Ion Ratio Lower Upper
43 100
74 27.7 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 48.917 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

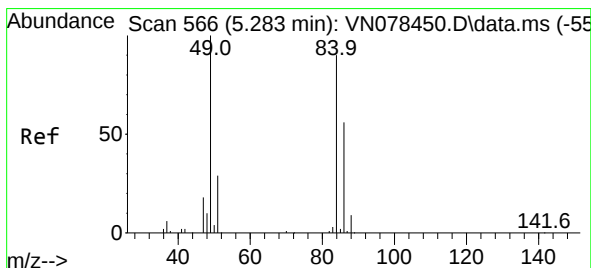
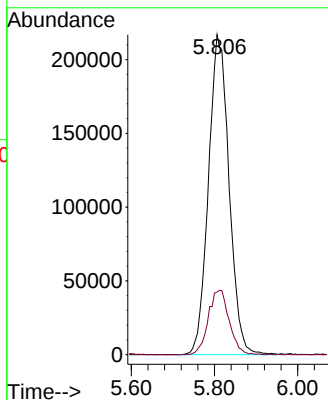
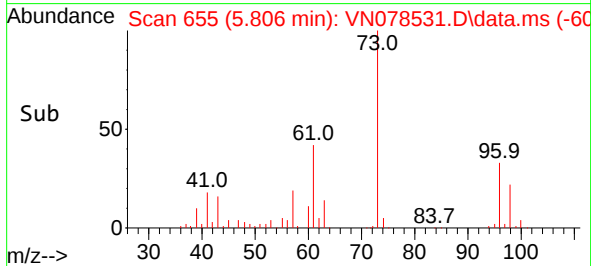
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 74633
Ion Ratio Lower Upper
73 100
57 19.6 15.6 23.4

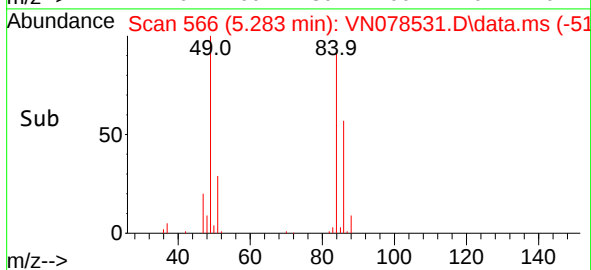
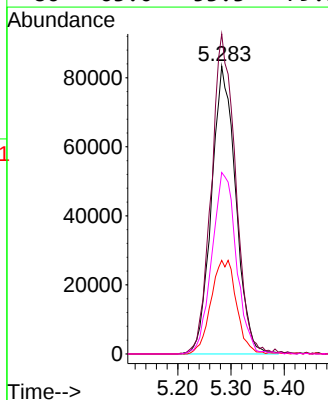
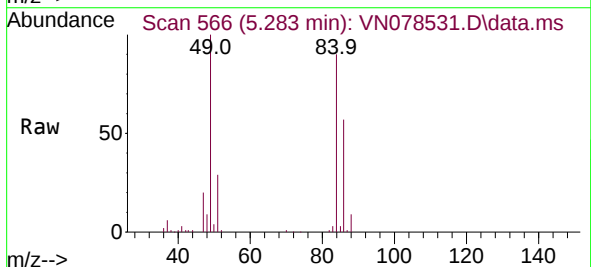
Manual Integrations
APPROVED

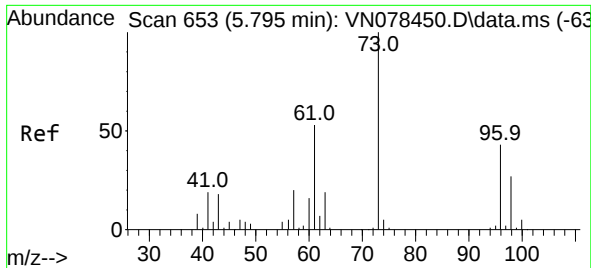
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20
Methylene Chloride
Concen: 49.917 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

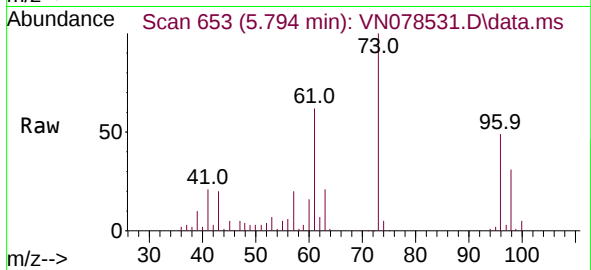
Tgt Ion: 84 Resp: 262409
Ion Ratio Lower Upper
84 100
49 111.2 79.7 119.5
51 32.5 25.2 37.8
86 63.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.461 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

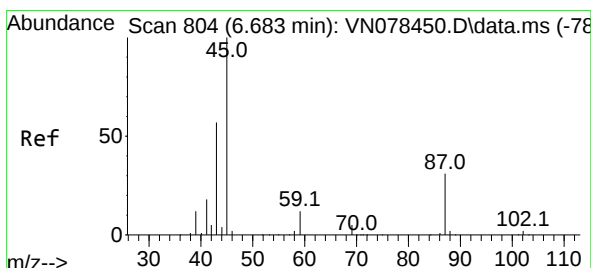
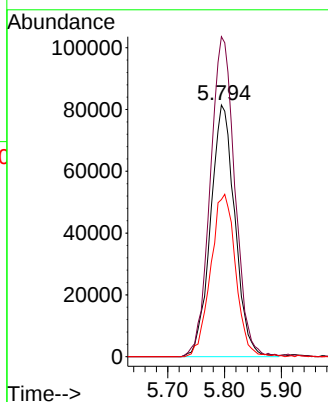
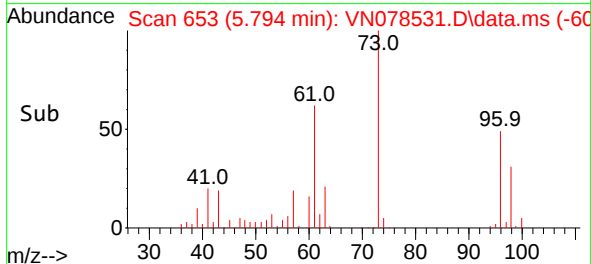
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 24244
Ion Ratio Lower Upper
96 100
61 127.2 90.1 135.1
98 62.4 46.4 69.6

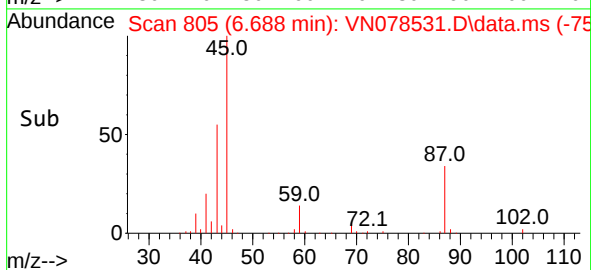
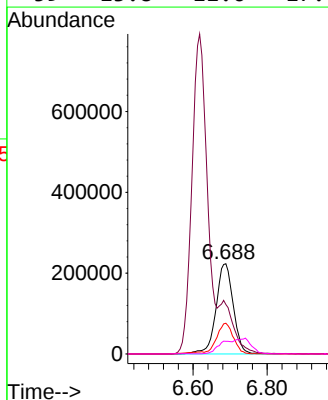
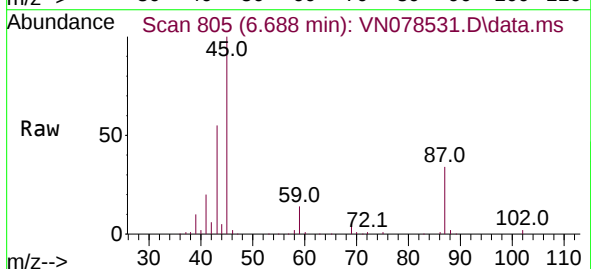
Manual Integrations
APPROVED

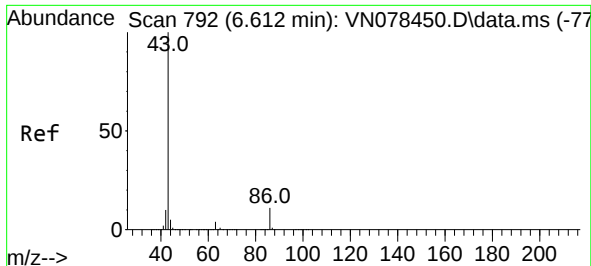
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#22
Diisopropyl ether
Concen: 50.781 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.005 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Tgt Ion: 45 Resp: 719477
Ion Ratio Lower Upper
45 100
43 54.2 45.5 68.3
87 34.0 31.8 47.8
59 13.8 11.6 17.4





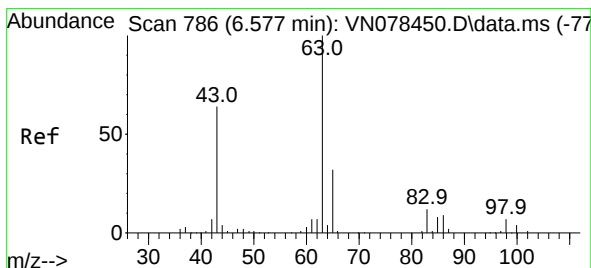
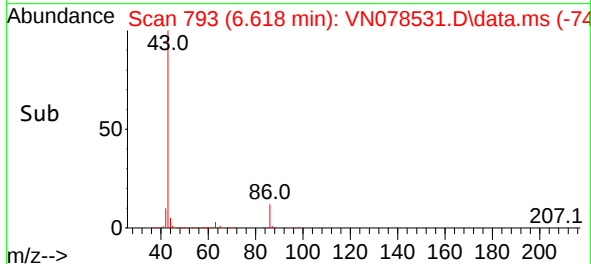
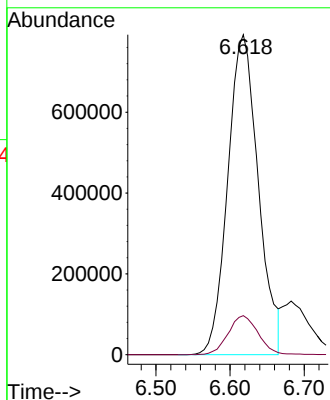
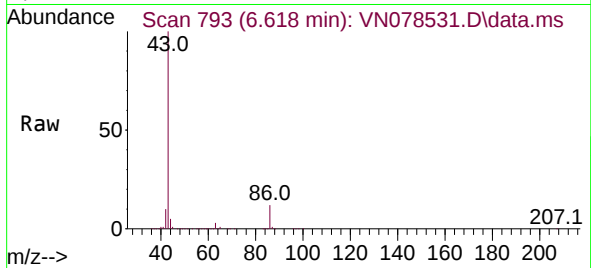
#23
 Vinyl Acetate
 Concen: 251.741 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078531.D
 Acq: 14 Jul 2023 18:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 226748
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

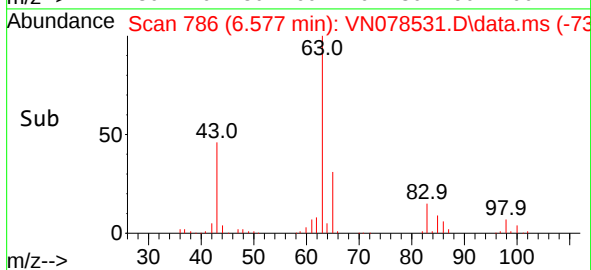
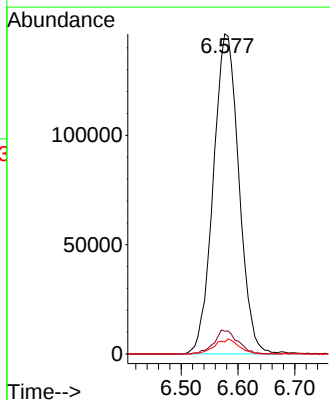
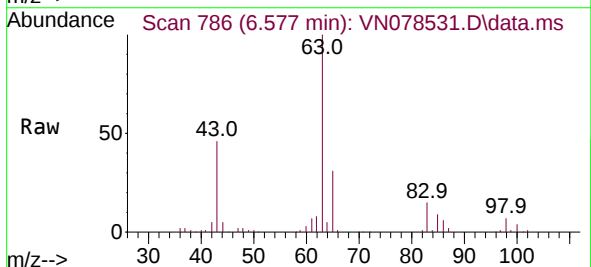
Manual Integrations
 APPROVED

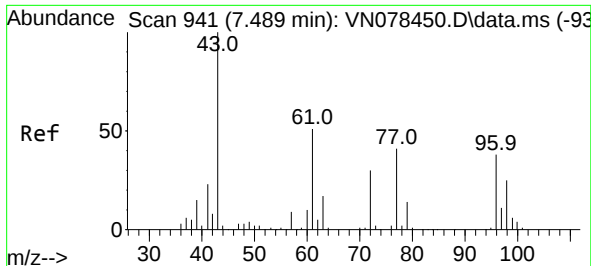
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#24
 1,1-Dichloroethane
 Concen: 47.964 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078531.D
 Acq: 14 Jul 2023 18:51

Tgt Ion: 63 Resp: 457908
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 3.7 2.5 7.4





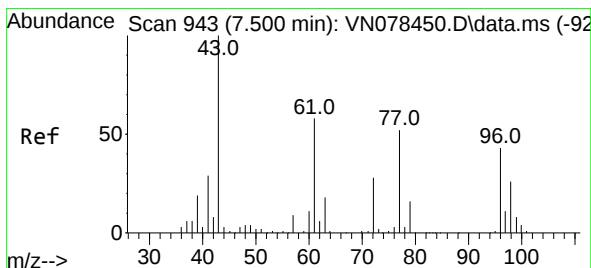
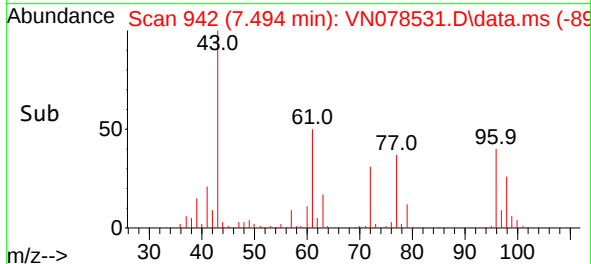
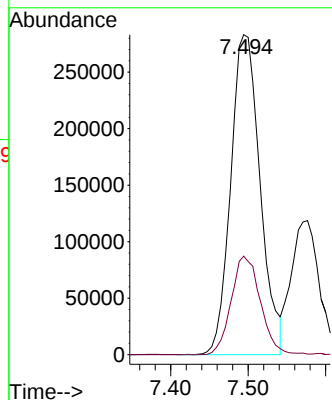
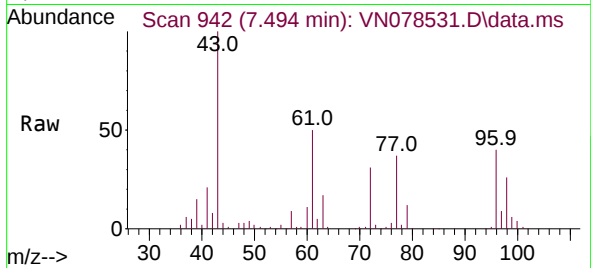
#25
2-Butanone
Concen: 259.433 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 74841
Ion Ratio Lower Upper
43 100
72 30.8 30.2 45.2

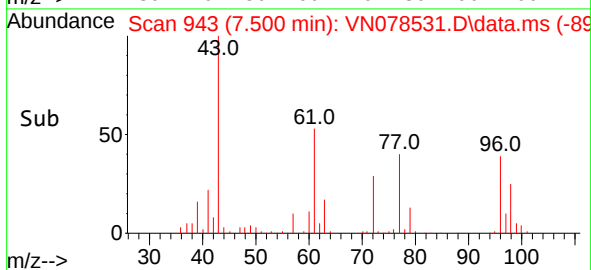
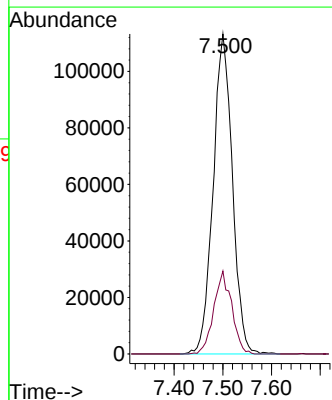
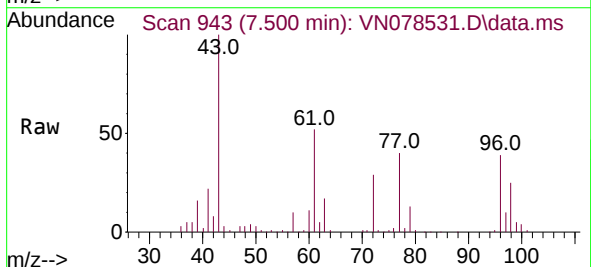
Manual Integrations
APPROVED

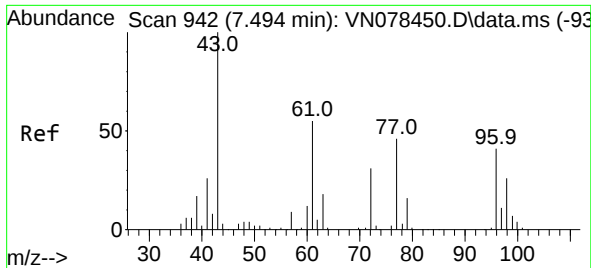
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#26
2,2-Dichloropropane
Concen: 39.782 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Tgt Ion: 77 Resp: 310631
Ion Ratio Lower Upper
77 100
97 24.2 11.2 33.6





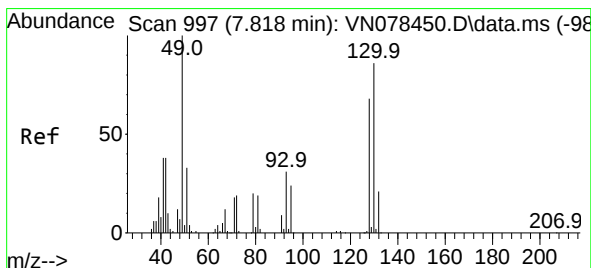
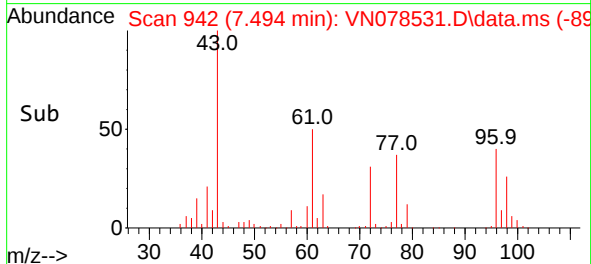
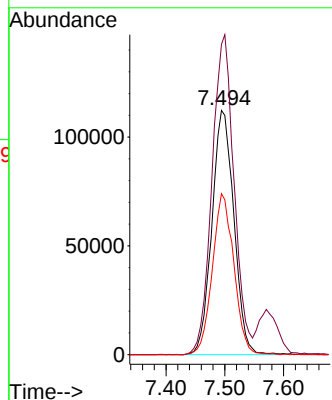
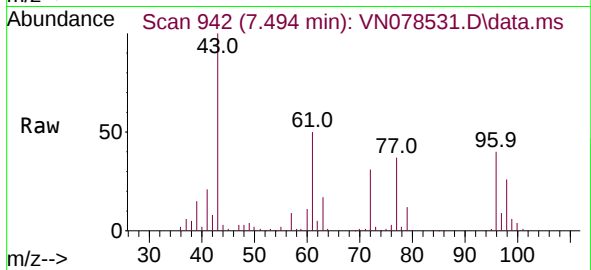
#27
 cis-1,2-Dichloroethene
 Concen: 48.403 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078531.D
 Acq: 14 Jul 2023 18:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 29218
 Ion Ratio Lower Upper
 96 100
 61 131.3 0.0 255.2
 98 64.4 0.0 128.8

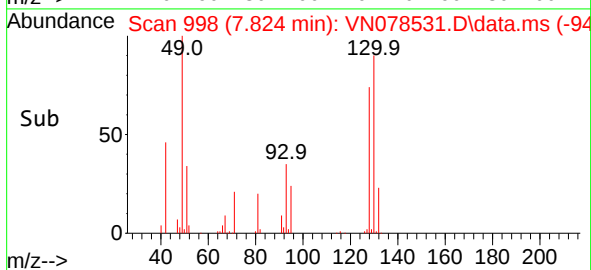
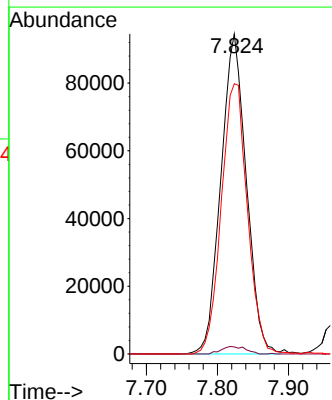
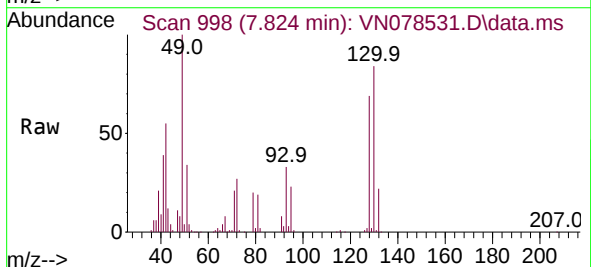
Manual Integrations
 APPROVED

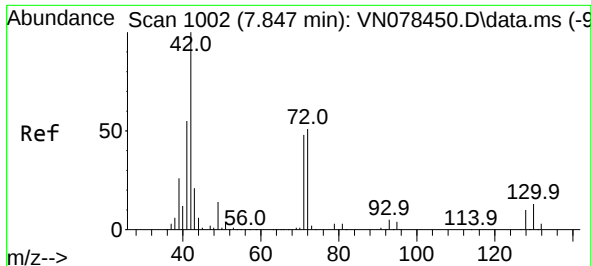
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#28
 Bromochloromethane
 Concen: 52.230 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078531.D
 Acq: 14 Jul 2023 18:51

Tgt Ion: 49 Resp: 234859
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 86.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 257.934 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078531.D

Acq: 14 Jul 2023 18:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 48824

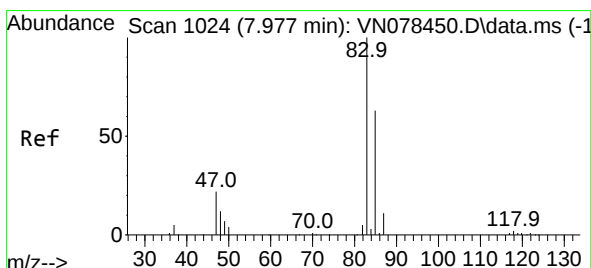
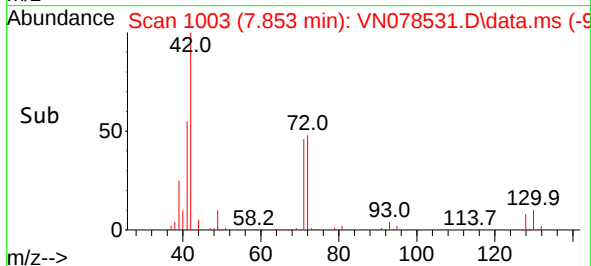
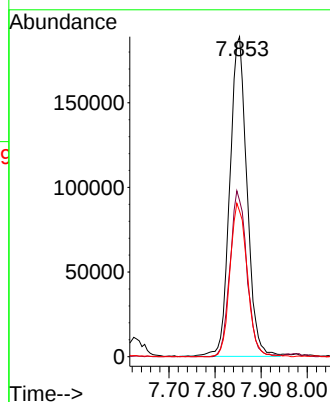
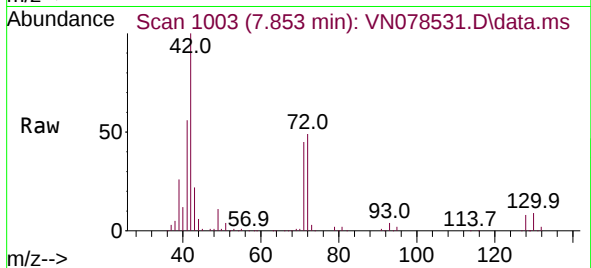
Ion	Ratio	Lower	Upper
42	100		
72	50.8	49.8	74.6
71	47.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#30

Chloroform

Concen: 50.075 ug/l

RT: 7.977 min Scan# 1024

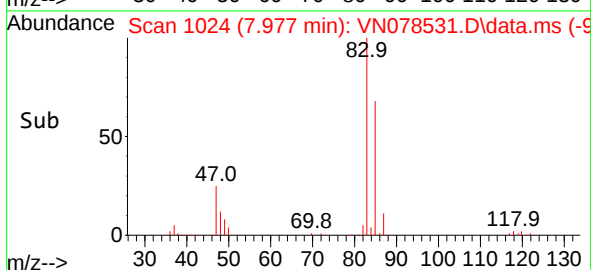
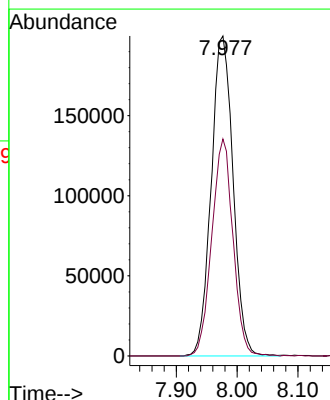
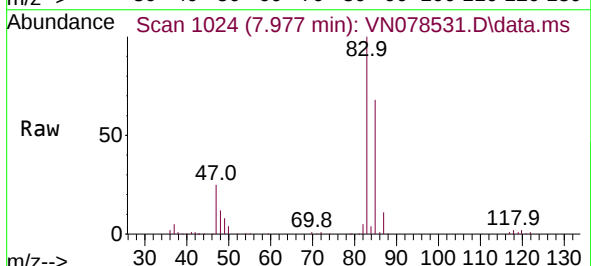
Delta R.T. -0.000 min

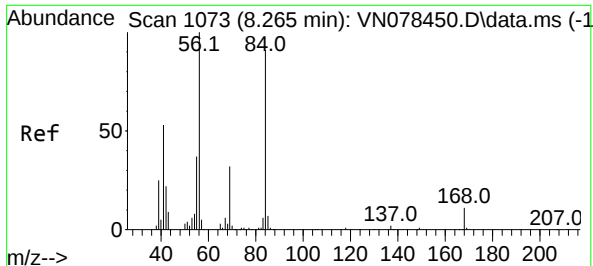
Lab File: VN078531.D

Acq: 14 Jul 2023 18:51

Tgt Ion: 83 Resp: 497714

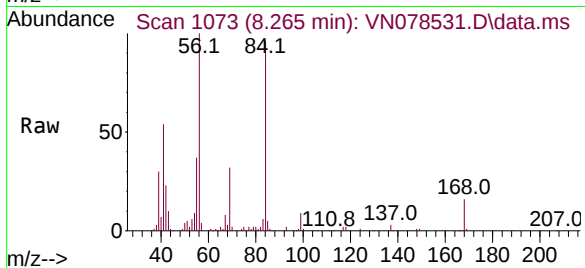
Ion	Ratio	Lower	Upper
83	100		
85	67.8	55.4	83.0





#31
Cyclohexane
Concen: 43.596 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

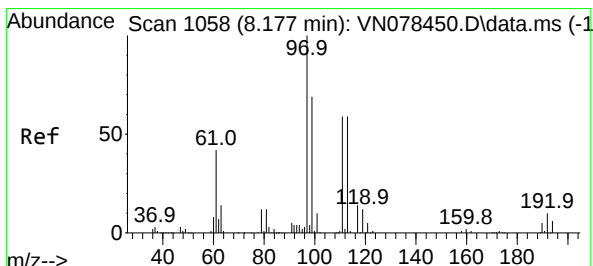
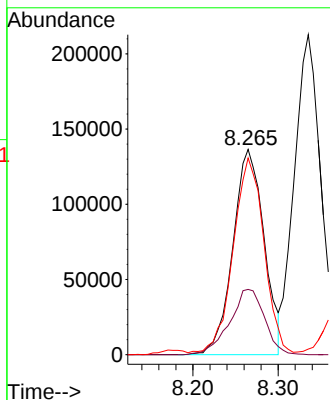
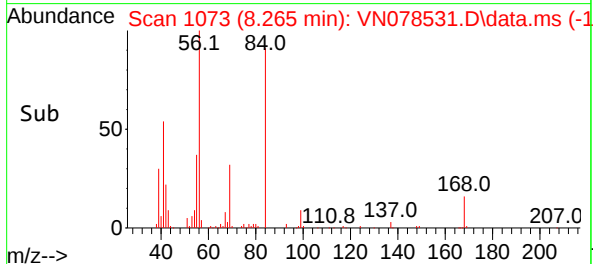
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 346624
Ion Ratio Lower Upper
56 100
69 31.2 26.8 40.2
84 93.7 81.8 122.6

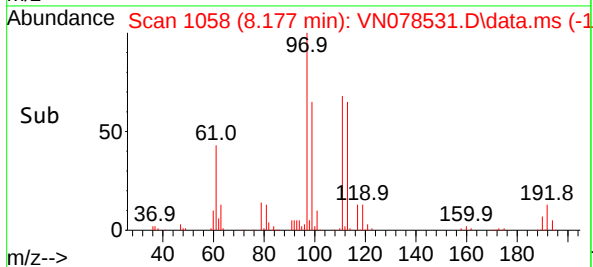
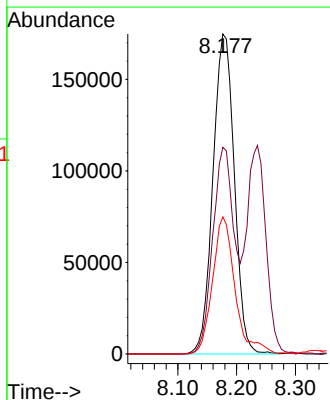
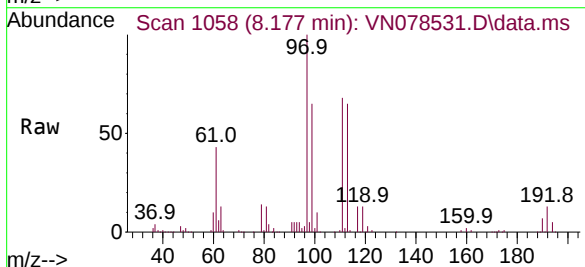
Manual Integrations
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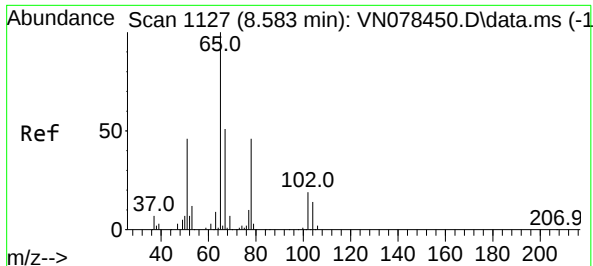
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#32
1,1,1-Trichloroethane
Concen: 49.554 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Tgt Ion: 97 Resp: 441589
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 45.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.082 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078531.D

Acq: 14 Jul 2023 18:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 324062

Ion Ratio Lower Upper

65 100

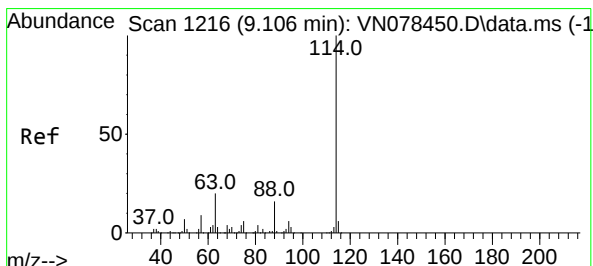
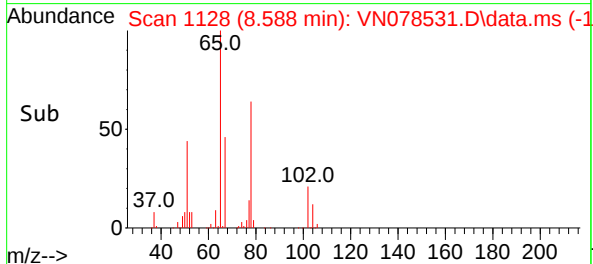
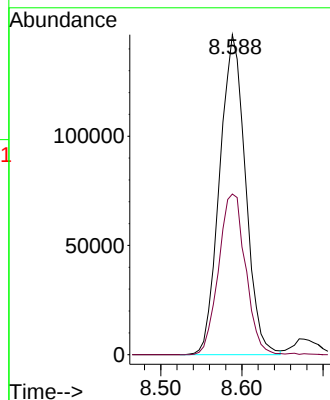
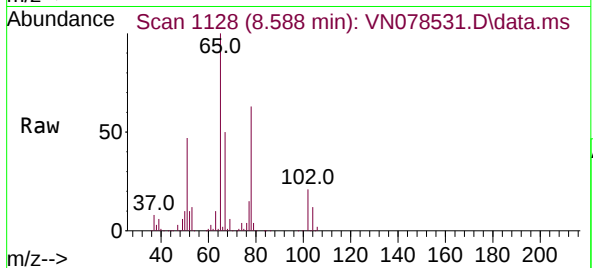
67 52.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078531.D

Acq: 14 Jul 2023 18:51

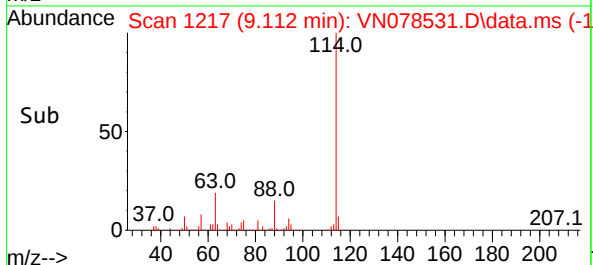
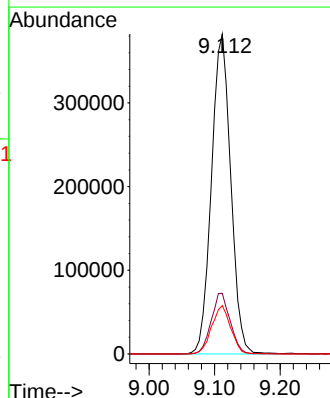
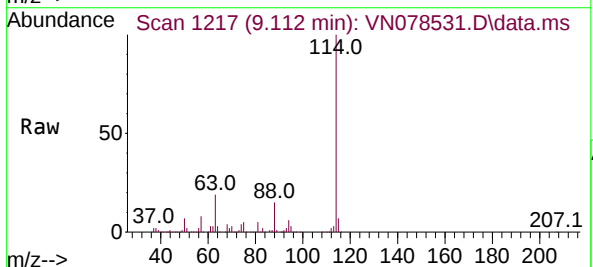
Tgt Ion:114 Resp: 780423

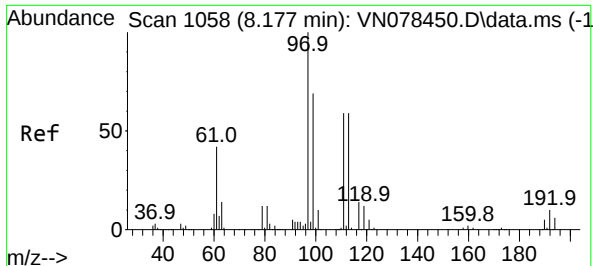
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.046 ug/l

RT: 8.171 min Scan# 1058

Delta R.T. -0.006 min

Lab File: VN078531.D

Acq: 14 Jul 2023 18:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 27572

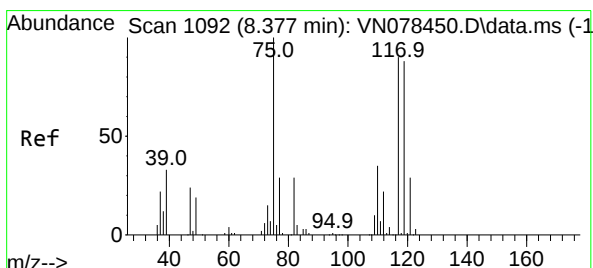
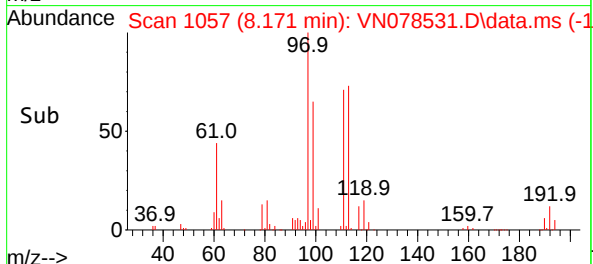
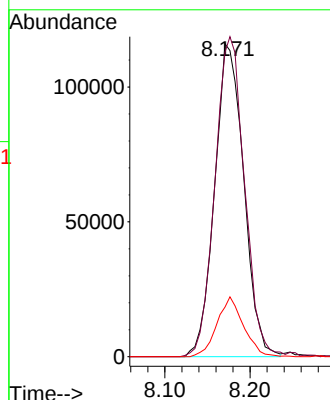
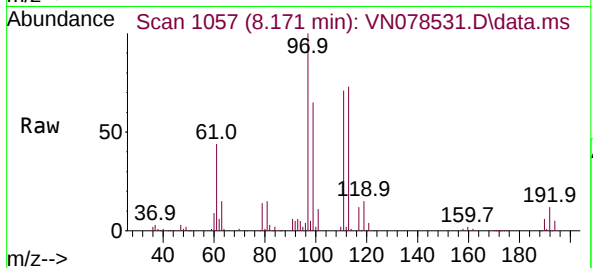
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	17.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#36

1,1-Dichloropropene

Concen: 45.629 ug/l

RT: 8.377 min Scan# 1092

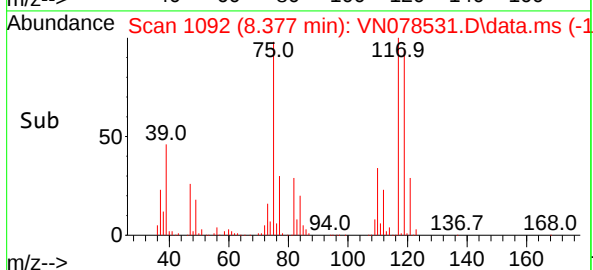
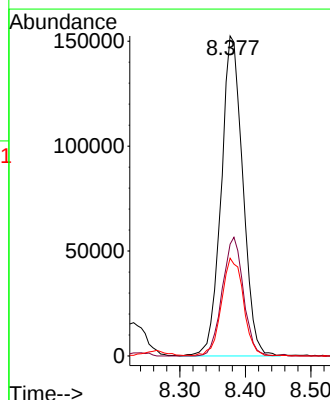
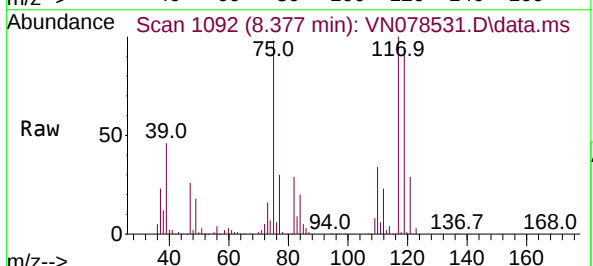
Delta R.T. -0.001 min

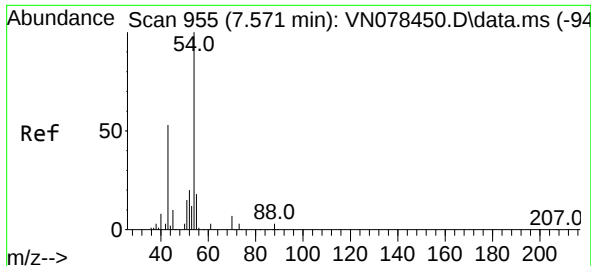
Lab File: VN078531.D

Acq: 14 Jul 2023 18:51

Tgt Ion: 75 Resp: 349035

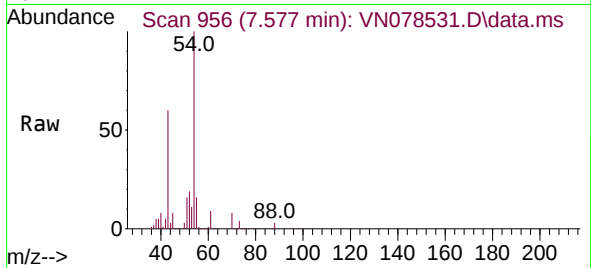
Ion	Ratio	Lower	Upper
75	100		
110	36.1	19.1	57.3
77	31.2	25.0	37.4





#37
Ethyl Acetate
Concen: 48.473 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

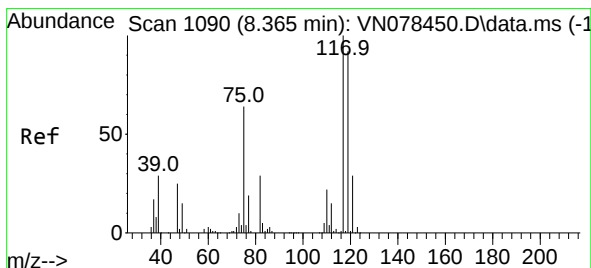
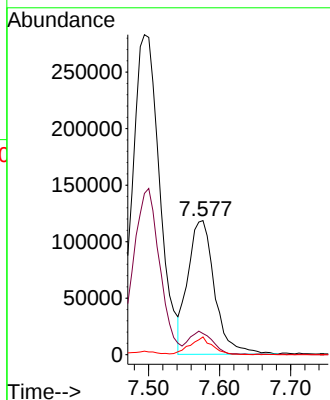
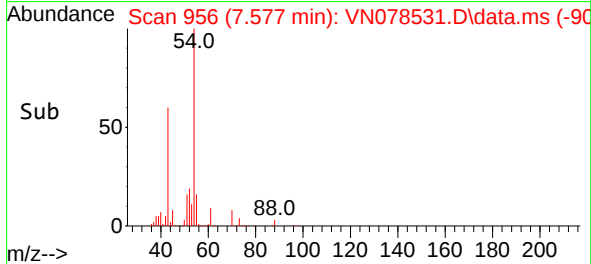
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 30909
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 11.1 11.3 16.9

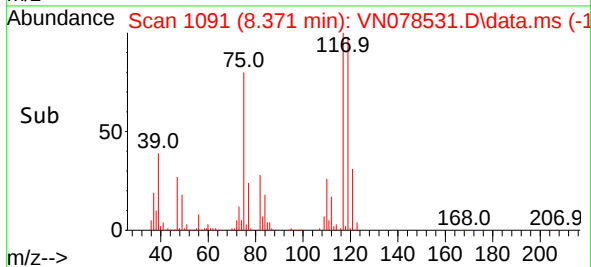
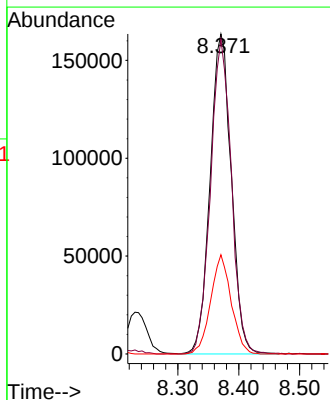
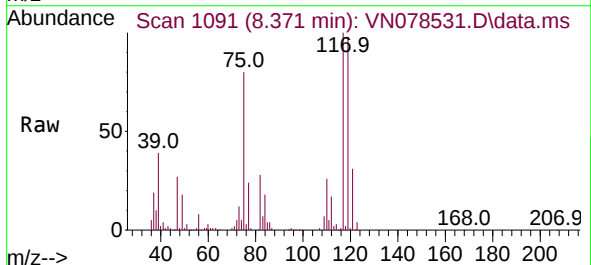
Manual Integrations
APPROVED

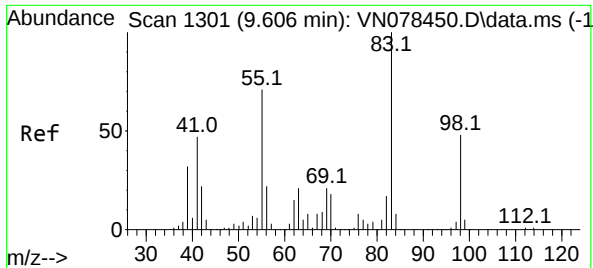
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#38
Carbon Tetrachloride
Concen: 47.581 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Tgt Ion:117 Resp: 395577
Ion Ratio Lower Upper
117 100
119 98.3 77.3 115.9
121 31.0 23.3 34.9





#39
Methylcyclohexane
Concen: 46.781 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

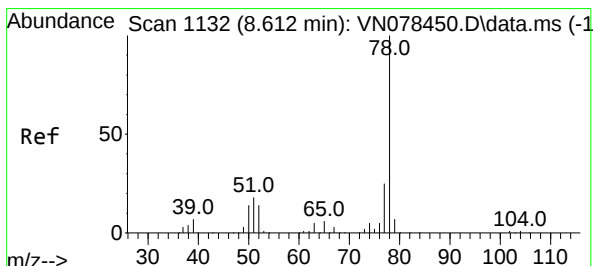
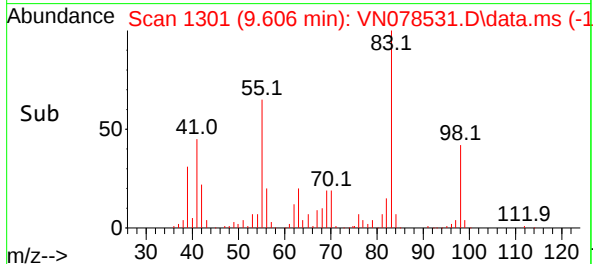
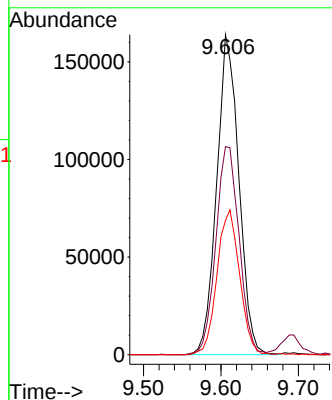
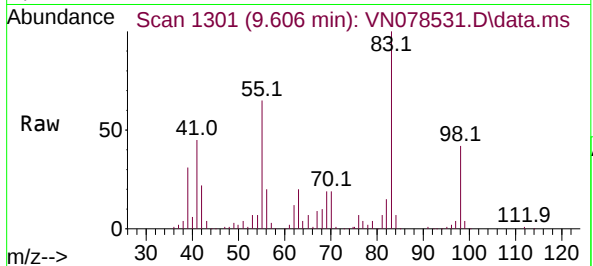
Tgt Ion: 83 Resp: 32664
Ion Ratio Lower Upper
83 100
55 65.0 49.1 73.7
98 41.9 40.6 61.0

Manual Integrations

APPROVED

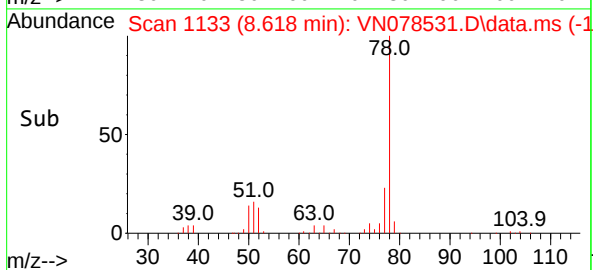
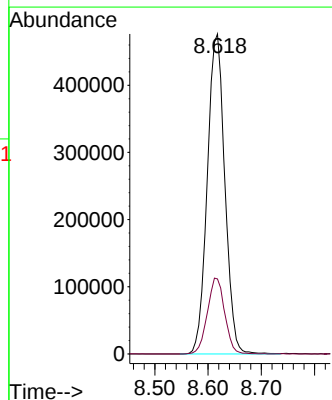
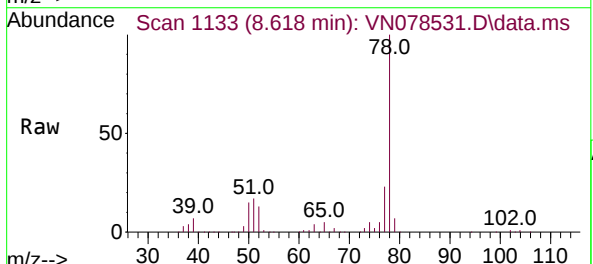
Reviewed By :John Carlone 07/17/2023

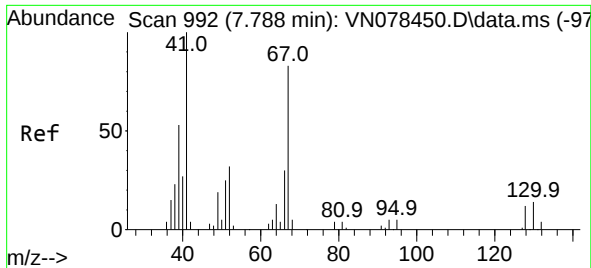
Supervised By :Mahesh Dadoda 07/17/2023



#40
Benzene
Concen: 48.059 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

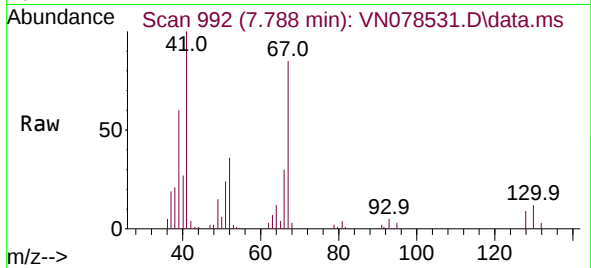
Tgt Ion: 78 Resp: 1089119
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 47.050 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

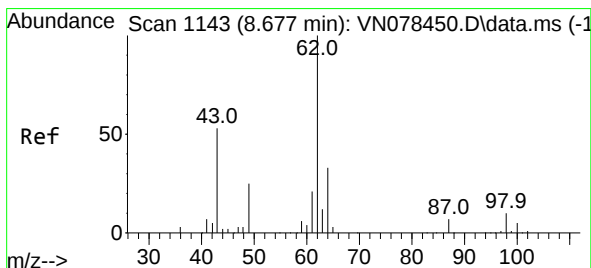
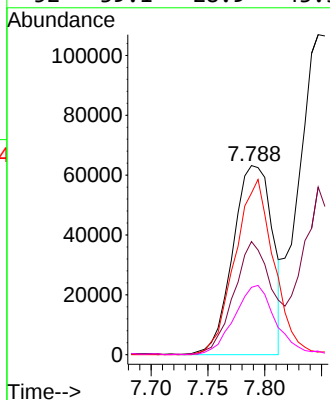
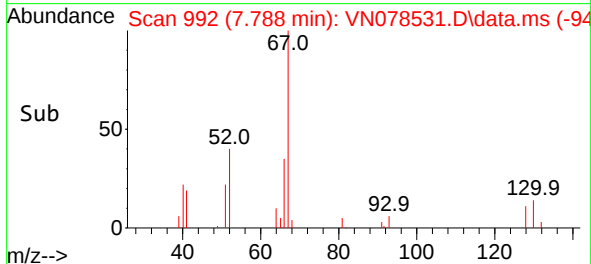
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



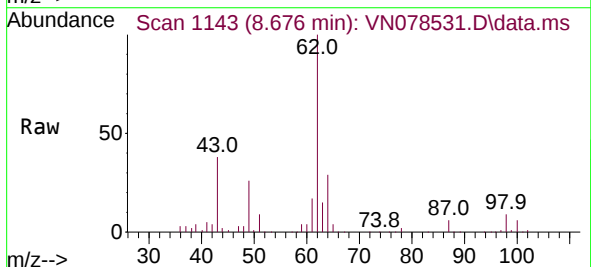
Tgt Ion: 41 Resp: 152950
Ion Ratio Lower Upper
41 100
39 58.6 42.6 64.0
67 92.2 77.5 116.3
52 39.1 28.9 43.3

Manual Integrations
APPROVED

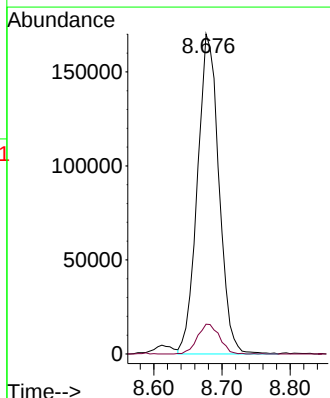
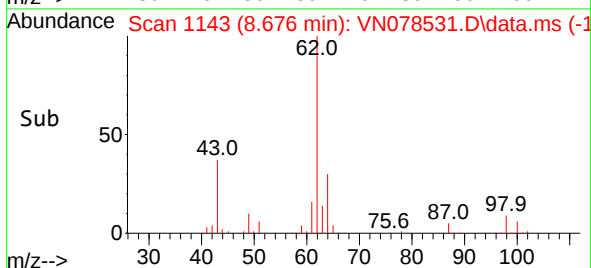
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

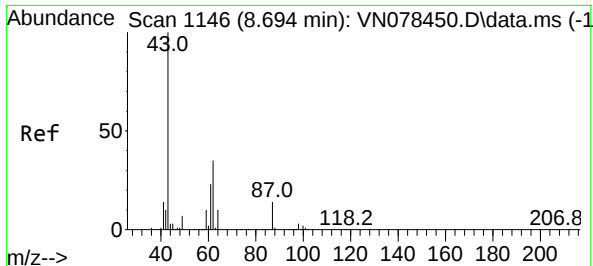


#42
1,2-Dichloroethane
Concen: 48.427 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51



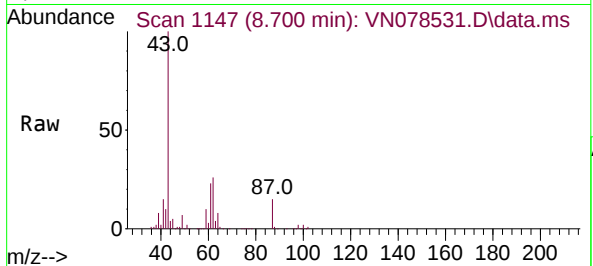
Tgt Ion: 62 Resp: 373286
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 50.471 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

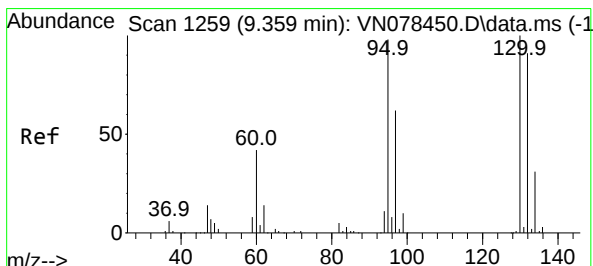
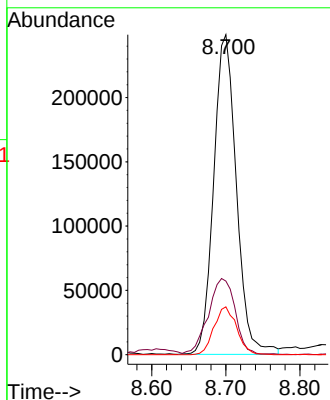
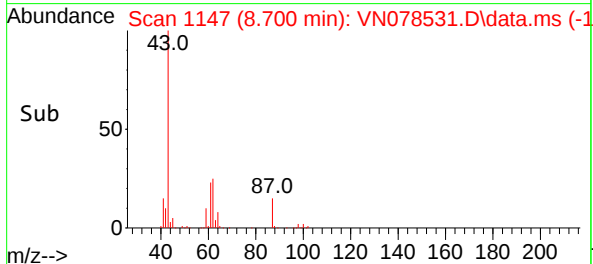
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 52986
Ion Ratio Lower Upper
43 100
61 27.7 24.7 37.1
87 14.9 14.6 21.8

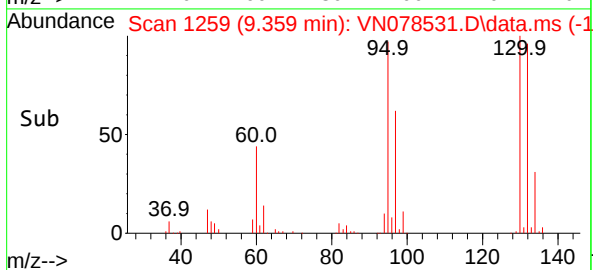
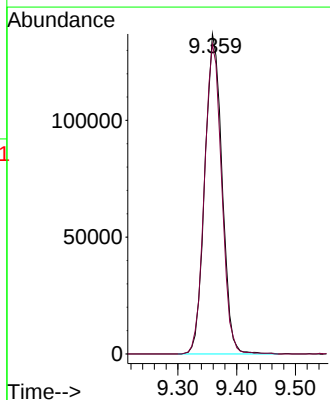
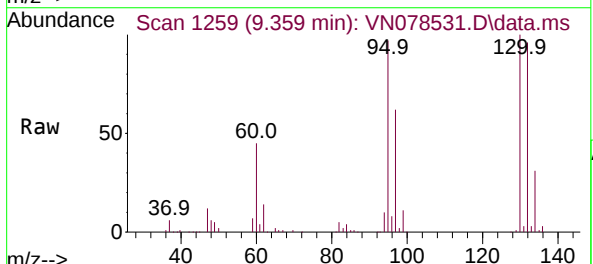
Manual Integrations
APPROVED

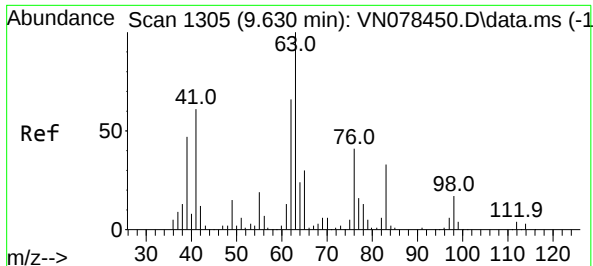
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#44
Trichloroethene
Concen: 45.681 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Tgt Ion:130 Resp: 279016
Ion Ratio Lower Upper
130 100
95 96.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 48.540 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN078531.D

Acq: 14 Jul 2023 18:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 278609

Ion Ratio Lower Upper

63 100

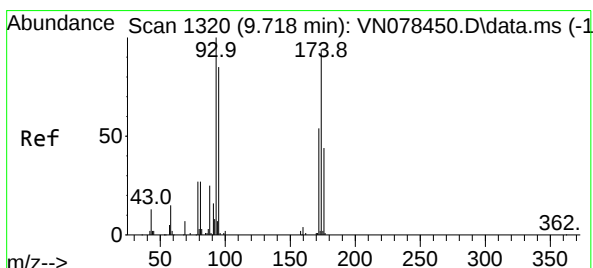
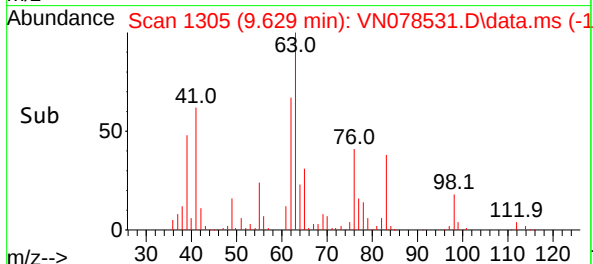
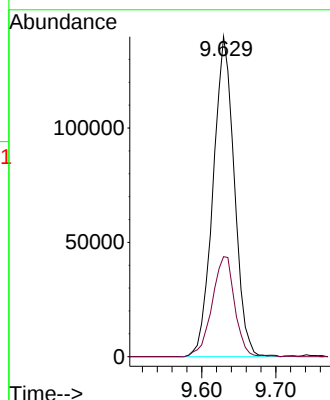
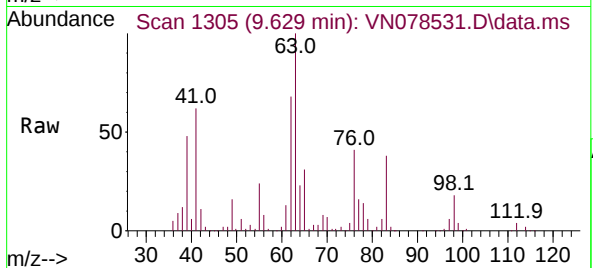
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#46

Dibromomethane

Concen: 49.524 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078531.D

Acq: 14 Jul 2023 18:51

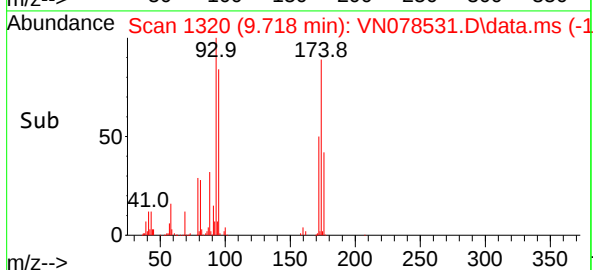
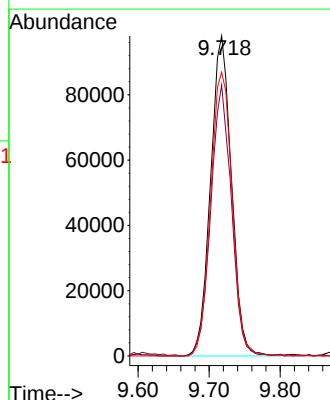
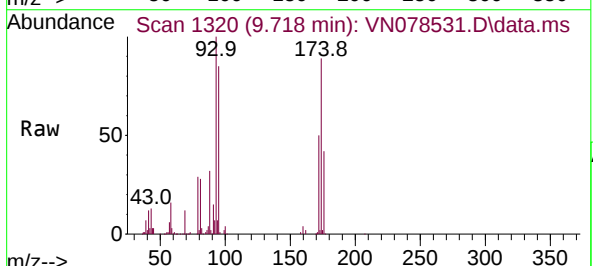
Tgt Ion: 93 Resp: 200067

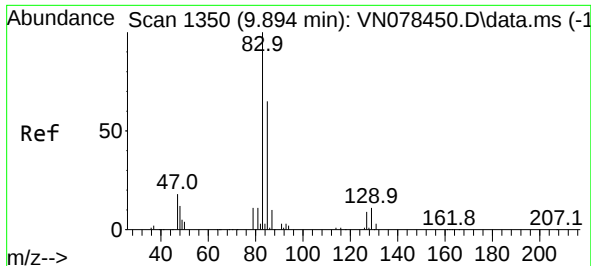
Ion Ratio Lower Upper

93 100

95 83.5 63.8 95.8

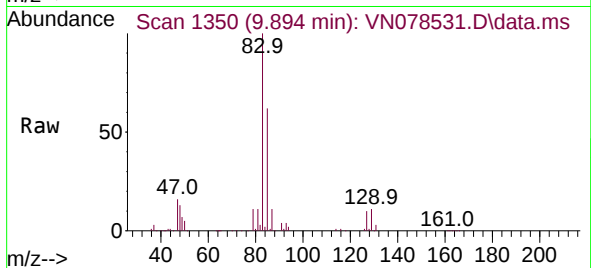
174 91.4 65.6 98.4





#47
Bromodichloromethane
Concen: 49.063 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

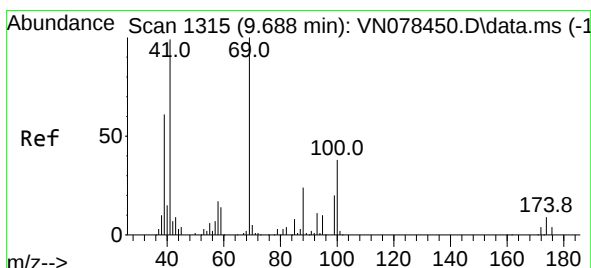
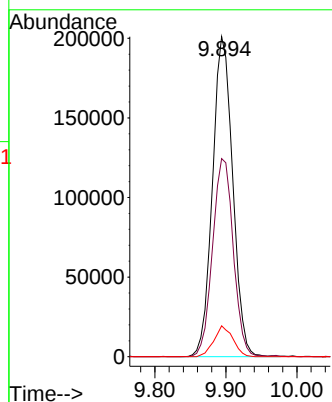
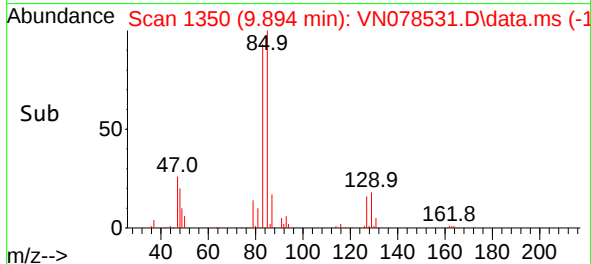
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 397310
Ion Ratio Lower Upper
83 100
85 61.9 49.6 74.4
127 9.6 7.0 10.6

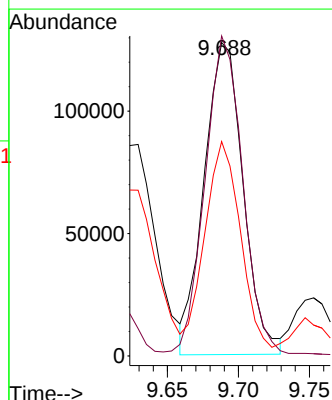
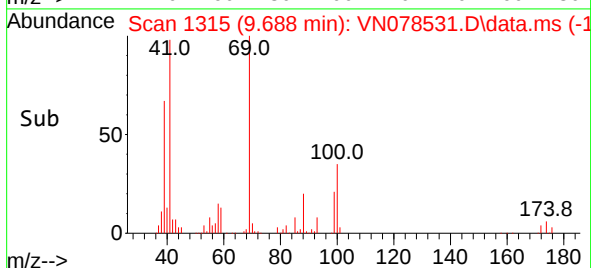
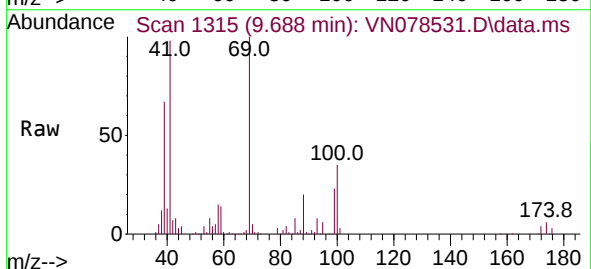
Manual Integrations
APPROVED

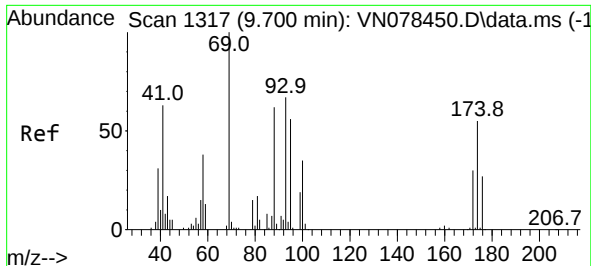
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#48
Methyl methacrylate
Concen: 50.123 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Tgt Ion: 41 Resp: 243791
Ion Ratio Lower Upper
41 100
69 100.4 90.4 135.6
39 64.3 54.6 81.8





#49

1,4-Dioxane

Concen: 1041.196 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078531.D

Acq: 14 Jul 2023 18:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 11044

Ion Ratio Lower Upper

88 100

43 22.9 17.0 25.6

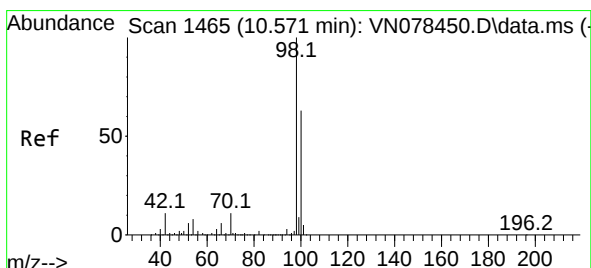
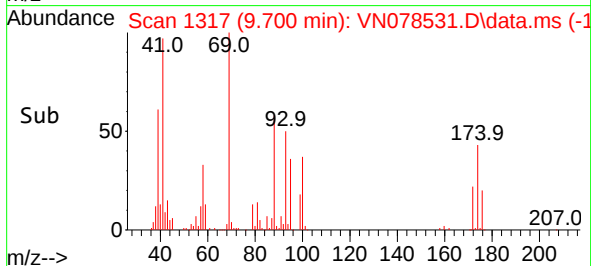
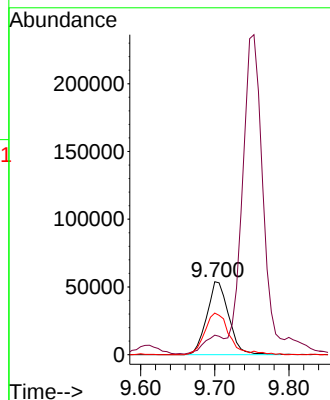
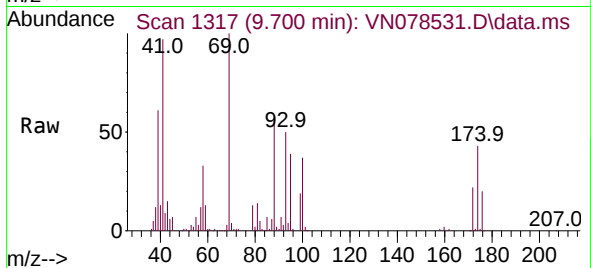
58 64.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#50

Toluene-d8

Concen: 51.520 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN078531.D

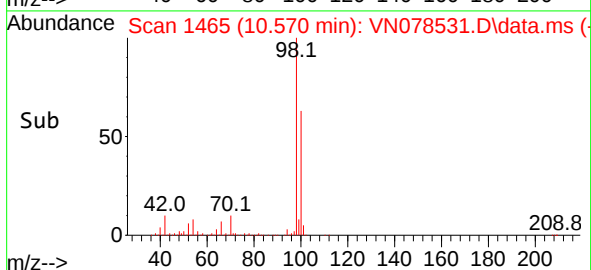
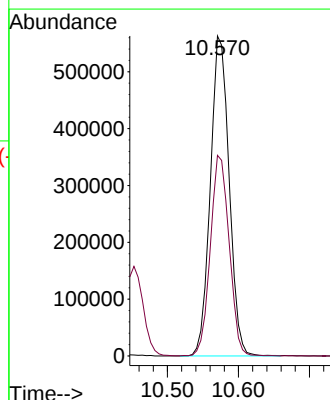
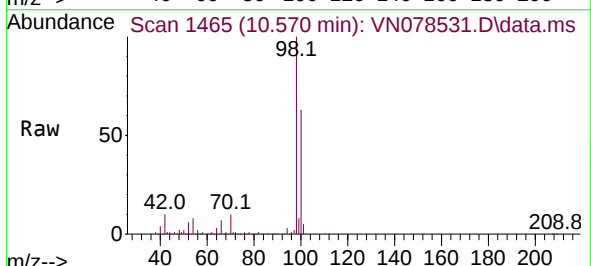
Acq: 14 Jul 2023 18:51

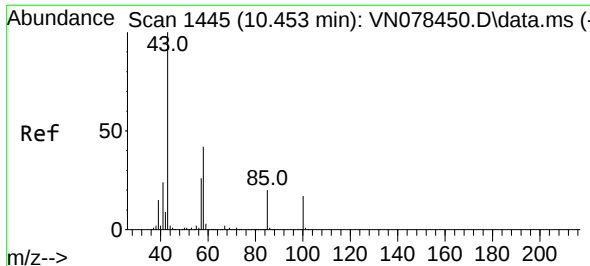
Tgt Ion: 98 Resp: 1031083

Ion Ratio Lower Upper

98 100

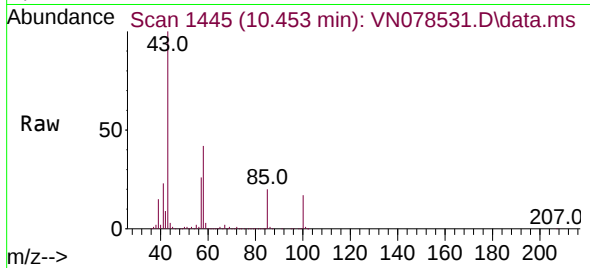
100 62.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 266.561 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

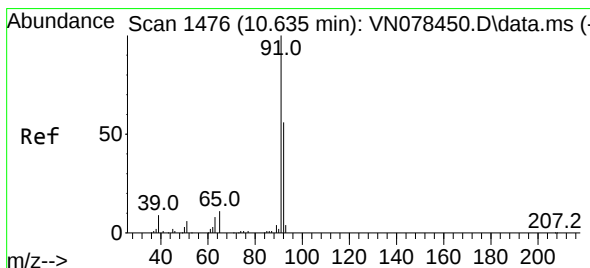
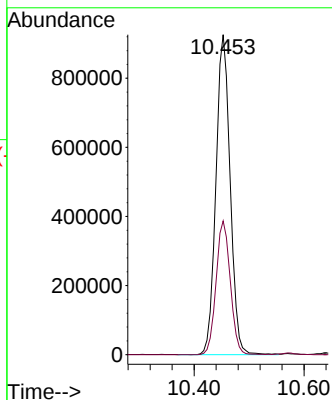
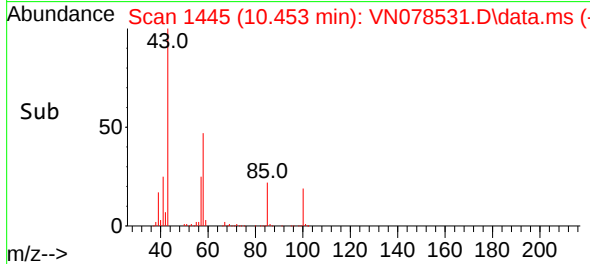
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



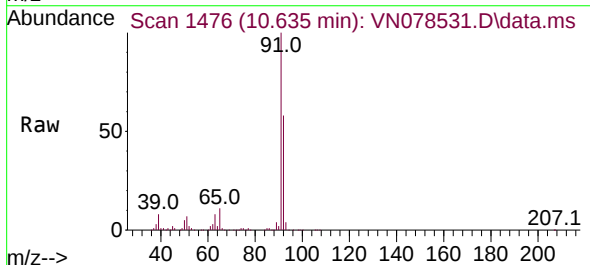
Tgt Ion: 43 Resp: 1664570
Ion Ratio Lower Upper
43 100
58 41.8 36.6 54.8

Manual Integrations
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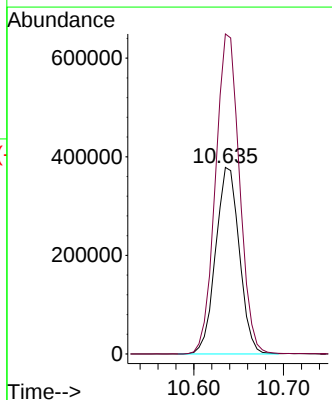
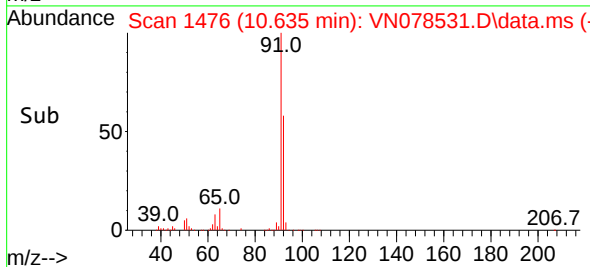
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

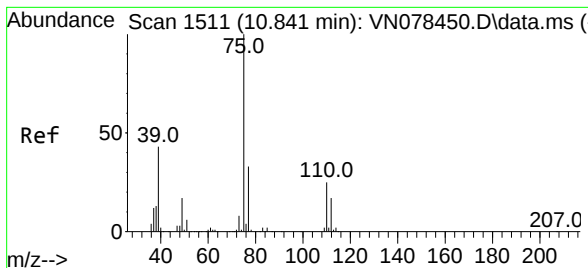


#52
Toluene
Concen: 49.382 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51



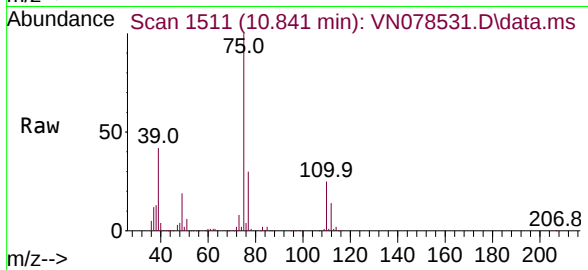
Tgt Ion: 92 Resp: 693592
Ion Ratio Lower Upper
92 100
91 174.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 48.300 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

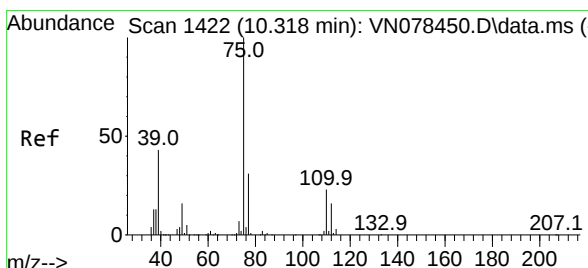
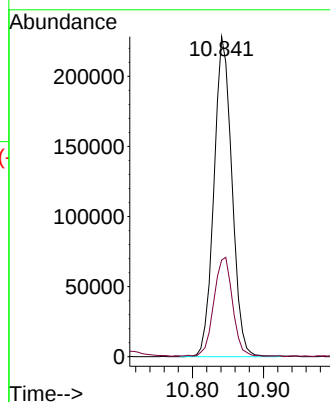
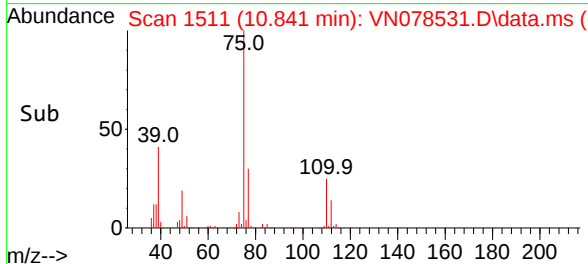
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 400708
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0

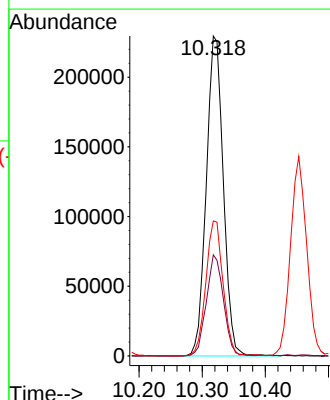
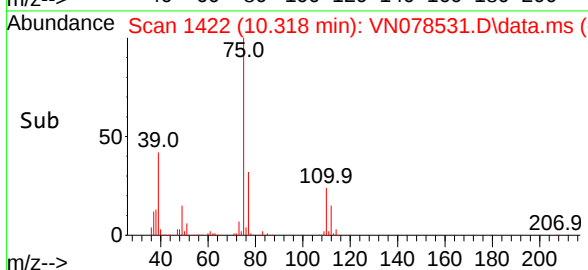
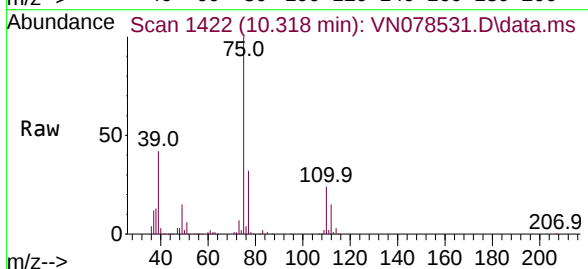
Manual Integrations
APPROVED

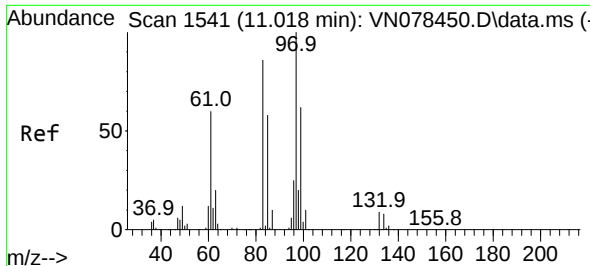
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#54
cis-1,3-Dichloropropene
Concen: 48.656 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

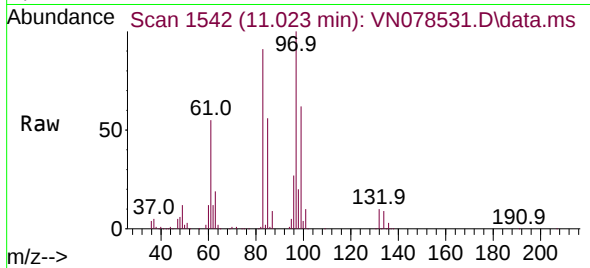
Tgt Ion: 75 Resp: 430280
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
39 42.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 50.731 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

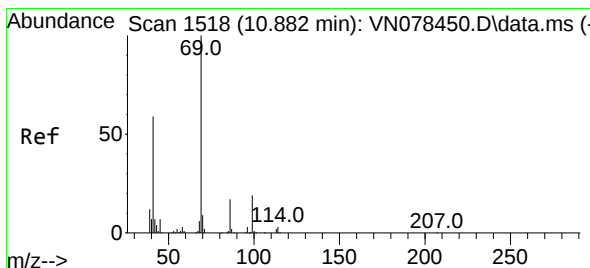
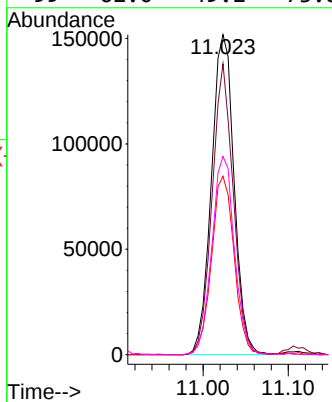
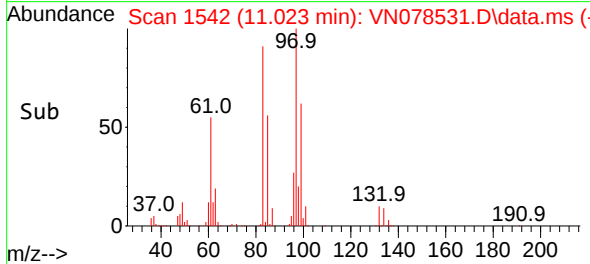
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	280740
Ion	Ratio	Lower	Upper
97	100		
83	90.9	65.1	97.7
85	55.7	43.4	65.2
99	62.0	49.2	73.8

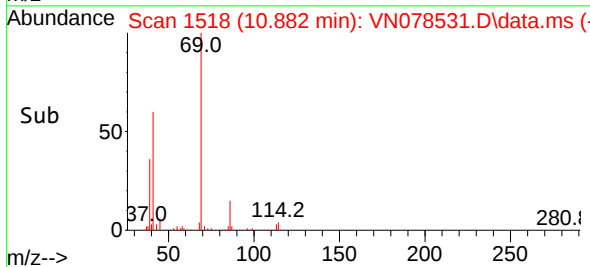
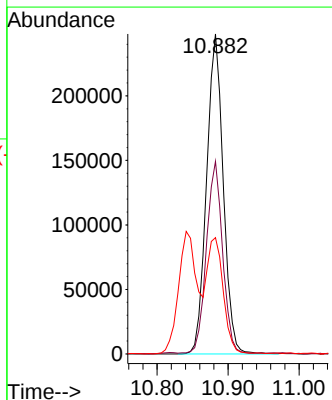
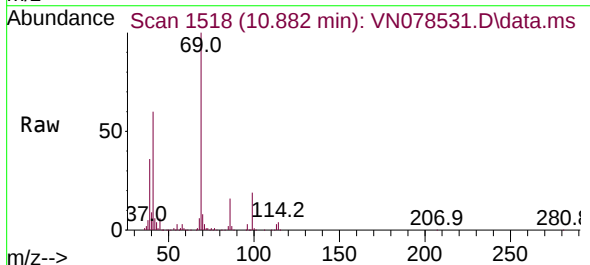
Manual Integrations
APPROVED

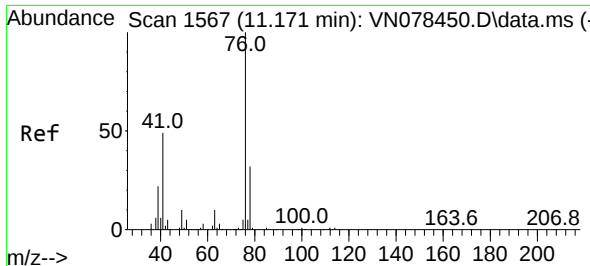
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#56
Ethyl methacrylate
Concen: 52.415 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Tgt Ion:	69	Resp:	405466
Ion	Ratio	Lower	Upper
69	100		
41	57.7	39.6	59.4
39	34.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 49.100 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN078531.D

Acq: 14 Jul 2023 18:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 46199

Ion Ratio Lower Upper

76 100

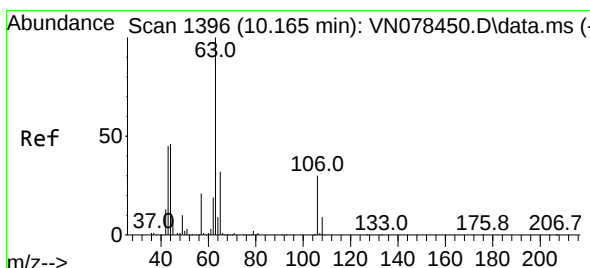
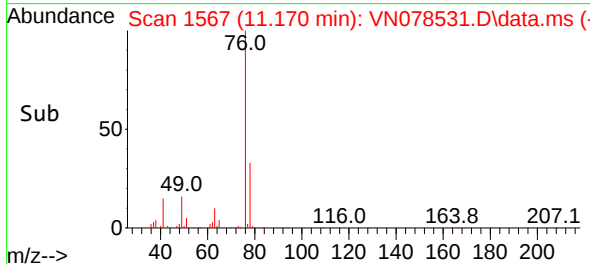
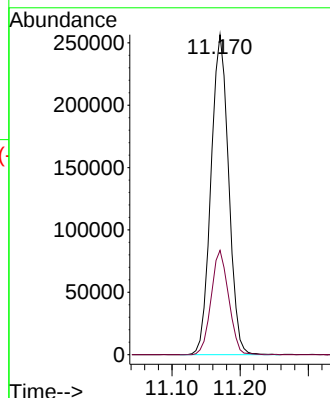
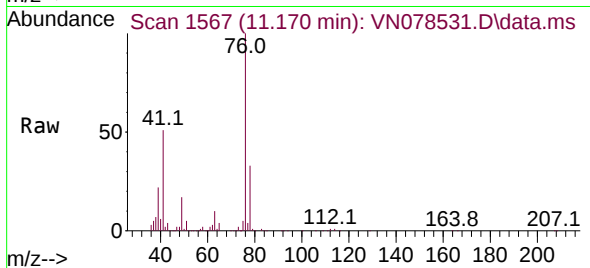
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 273.286 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN078531.D

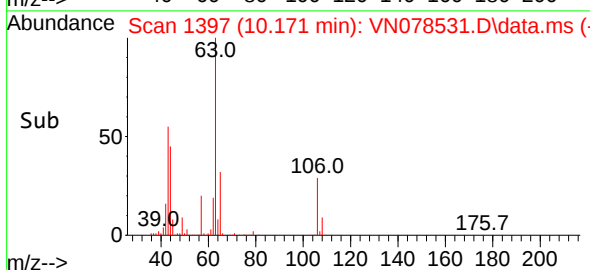
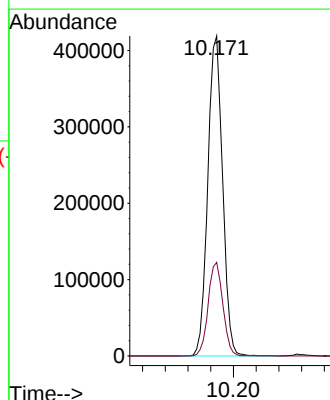
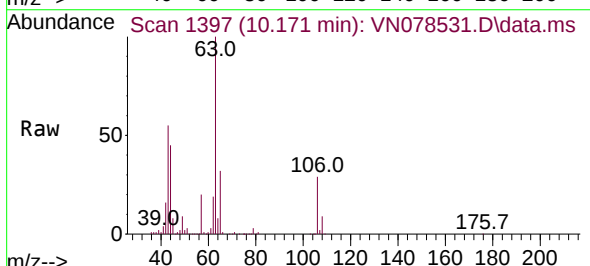
Acq: 14 Jul 2023 18:51

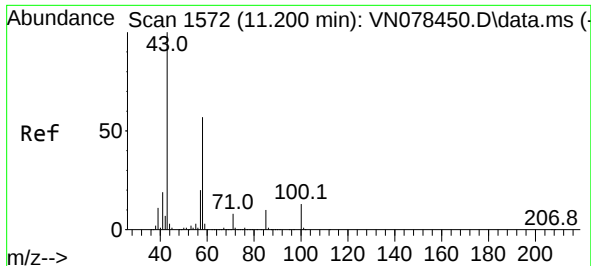
Tgt Ion: 63 Resp: 753395

Ion Ratio Lower Upper

63 100

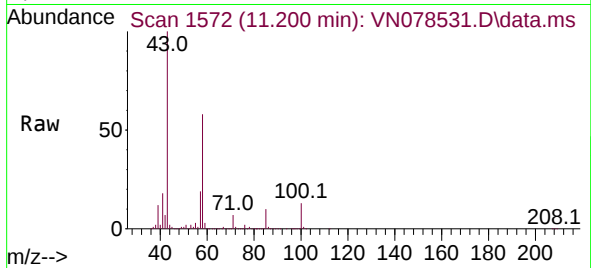
106 29.1 26.2 39.4





#59
2-Hexanone
Concen: 269.247 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

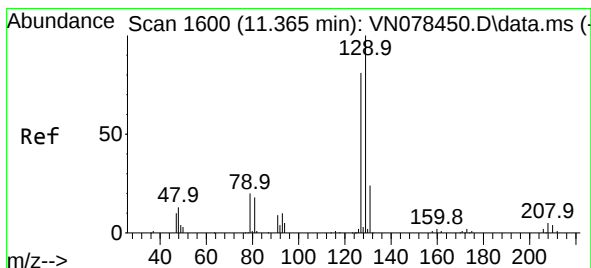
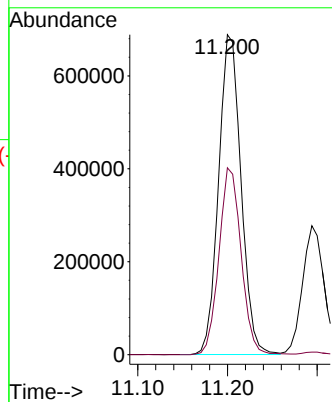
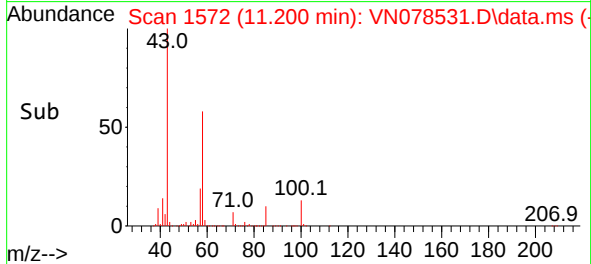
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 119495
Ion Ratio Lower Upper
43 100
58 57.8 31.7 95.1

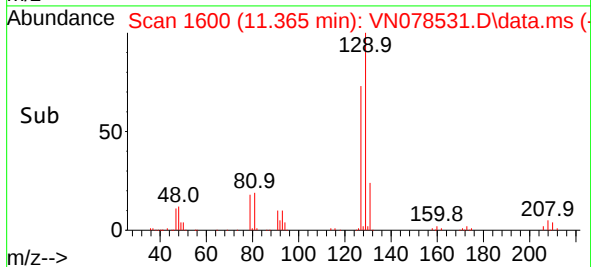
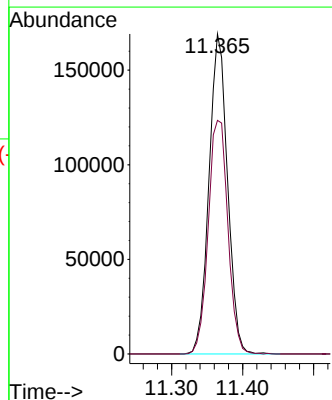
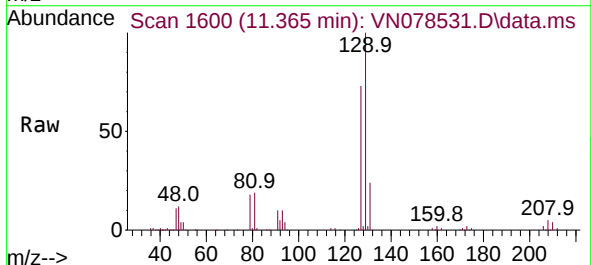
Manual Integrations
APPROVED

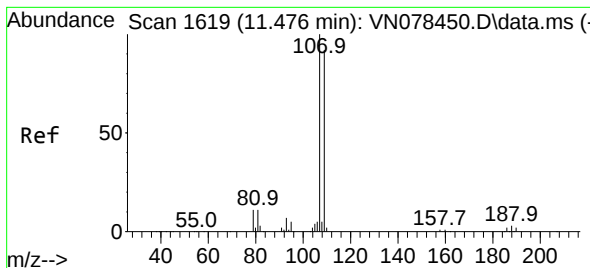
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#60
Dibromochloromethane
Concen: 50.091 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

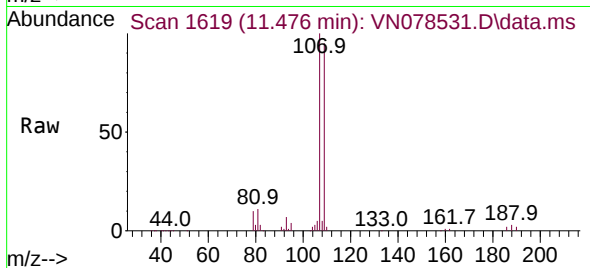
Tgt Ion:129 Resp: 306022
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.454 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

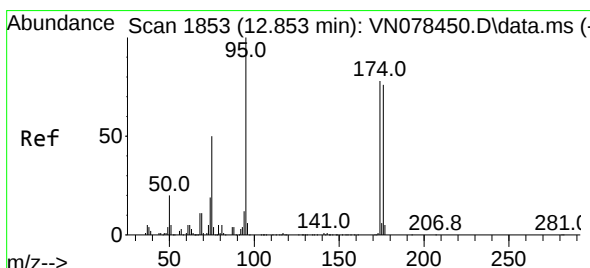
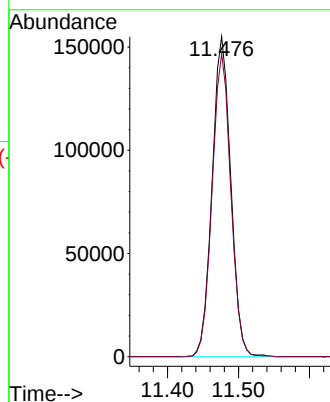
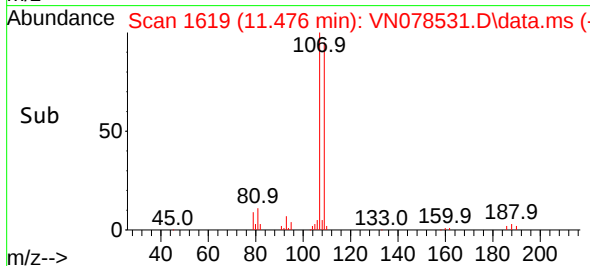
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



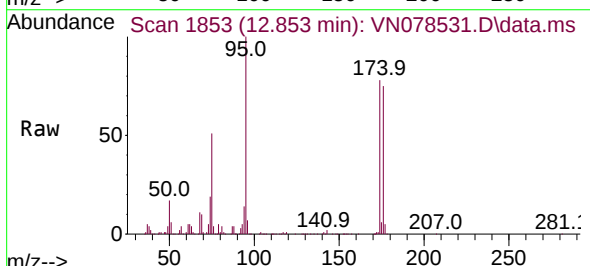
Tgt Ion:107 Resp: 281919
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8

Manual Integrations
APPROVED

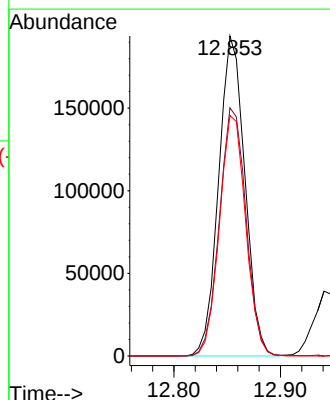
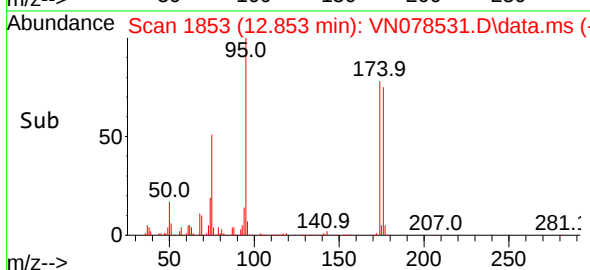
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

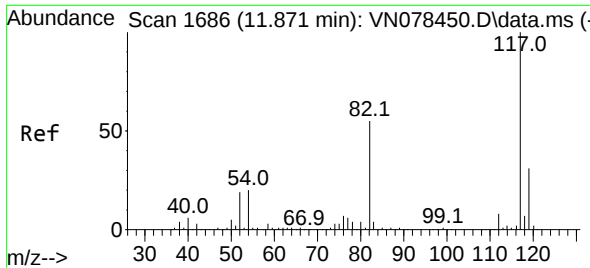


#62
4-Bromofluorobenzene
Concen: 53.616 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51



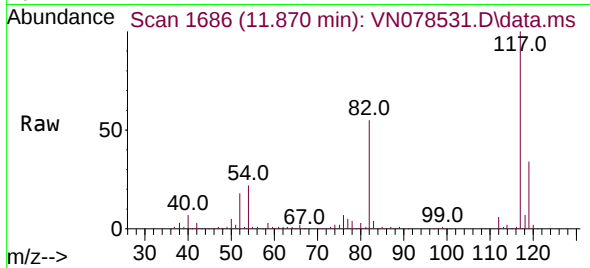
Tgt Ion: 95 Resp: 330515
Ion Ratio Lower Upper
95 100
174 78.9 0.0 143.8
176 75.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

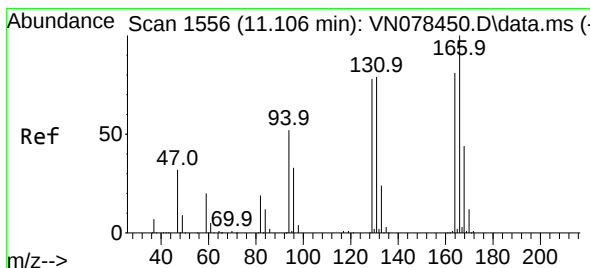
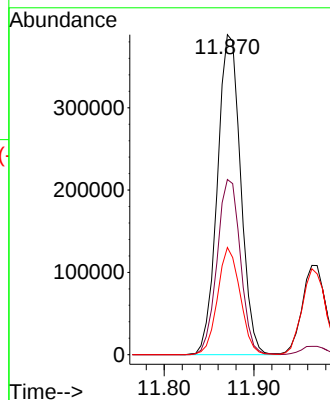
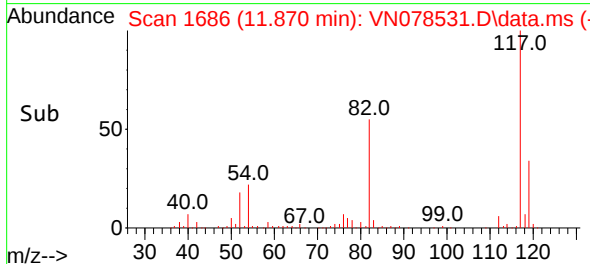
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 700395
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 33.5 25.6 38.4

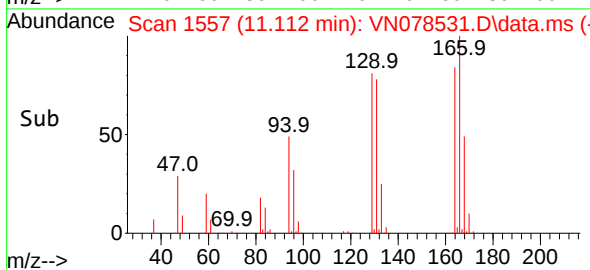
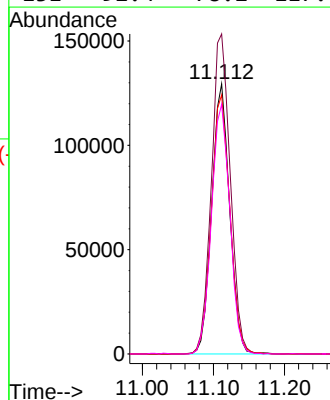
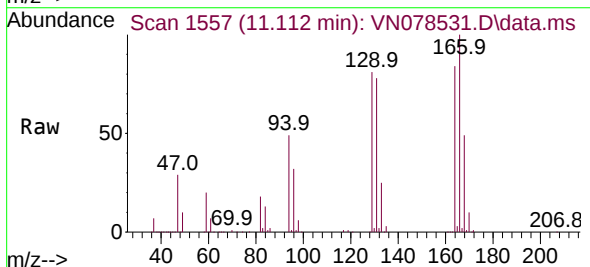
Manual Integrations
APPROVED

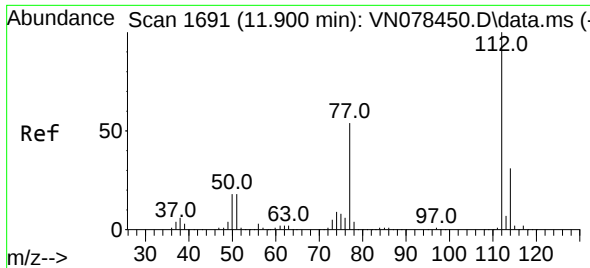
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#64
Tetrachloroethene
Concen: 43.125 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

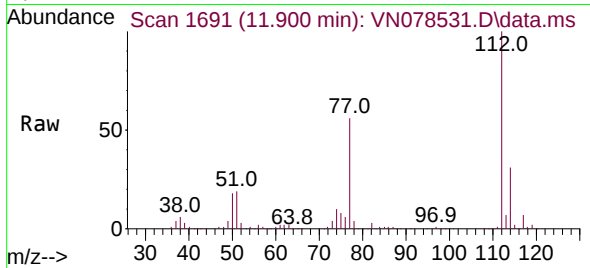
Tgt Ion:164 Resp: 227088
Ion Ratio Lower Upper
164 100
166 118.5 101.4 152.0
129 95.9 82.4 123.6
131 92.4 78.2 117.4





#65
Chlorobenzene
Concen: 46.438 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

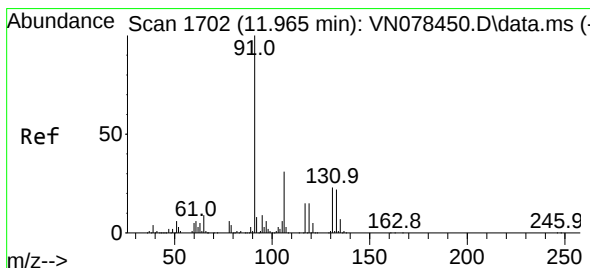
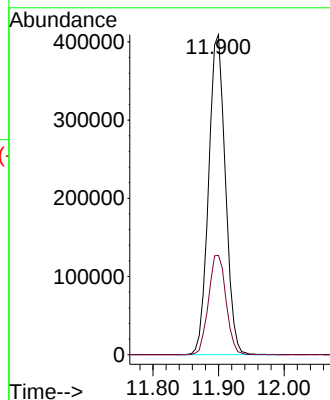
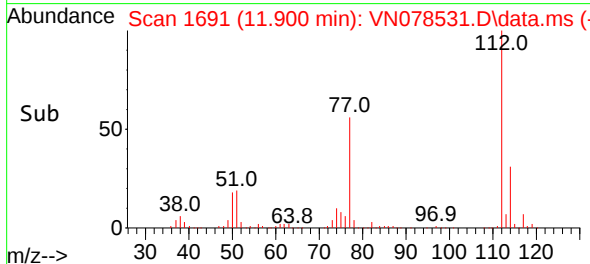
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



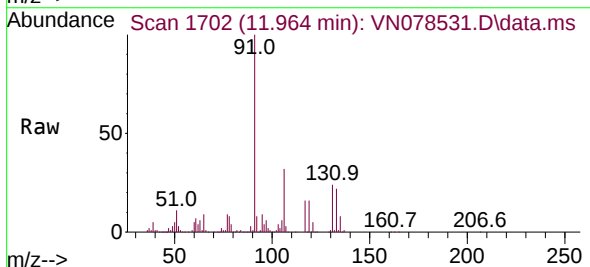
Tgt Ion:112 Resp: 72701
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

Manual Integrations
APPROVED

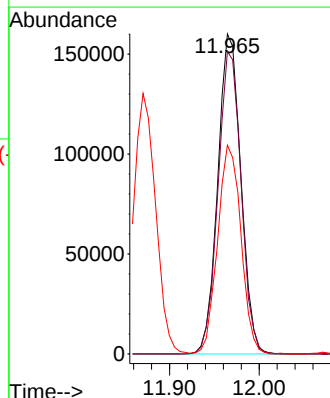
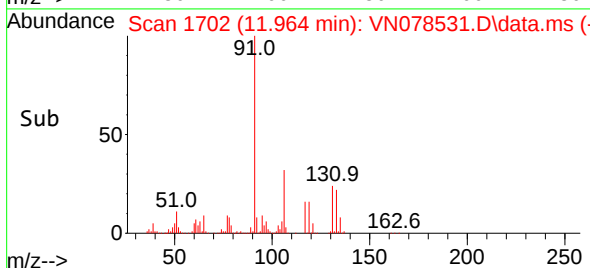
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

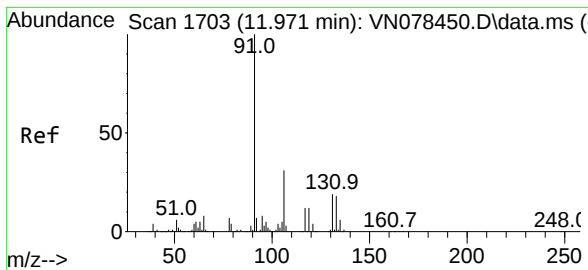


#66
1,1,1,2-Tetrachloroethane
Concen: 47.420 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51



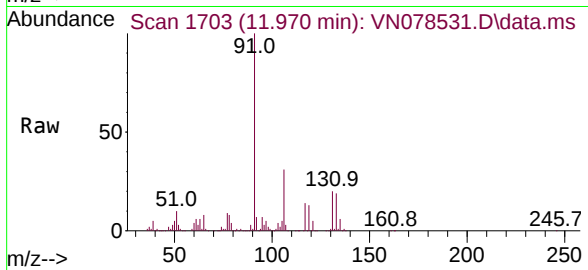
Tgt Ion:131 Resp: 285594
Ion Ratio Lower Upper
131 100
133 94.6 46.4 139.1
119 66.0 34.1 102.2





#67
Ethyl Benzene
Concen: 48.548 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

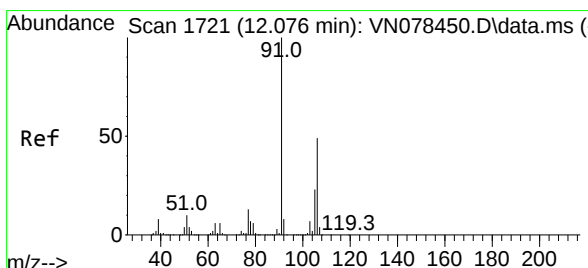
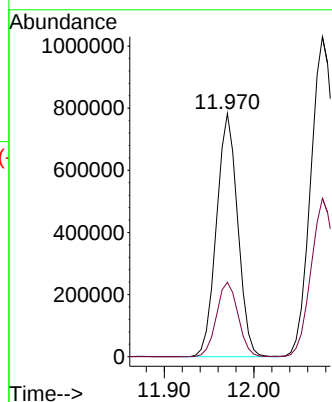
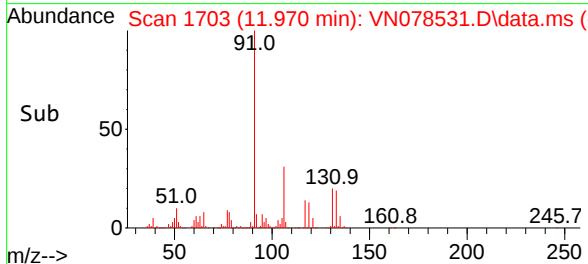
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



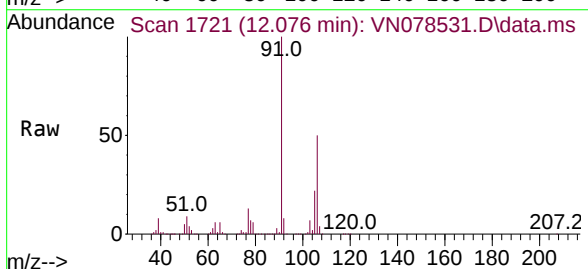
Tgt Ion: 91 Resp: 128472
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4

Manual Integrations
APPROVED

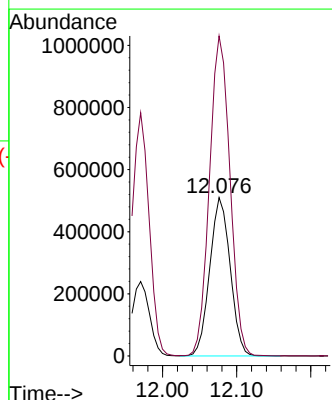
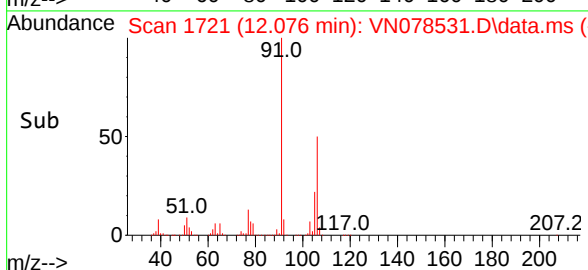
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

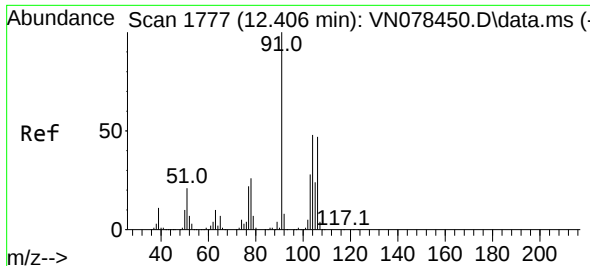


#68
m/p-Xylenes
Concen: 99.728 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51



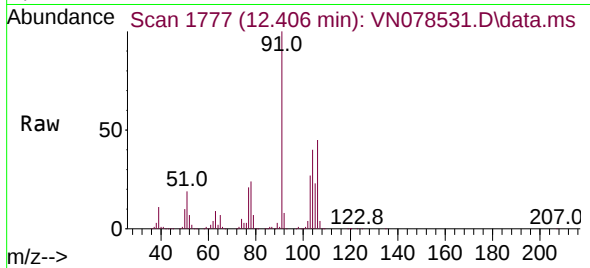
Tgt Ion:106 Resp: 975751
Ion Ratio Lower Upper
106 100
91 203.3 159.6 239.4





#69
o-Xylene
Concen: 49.101 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

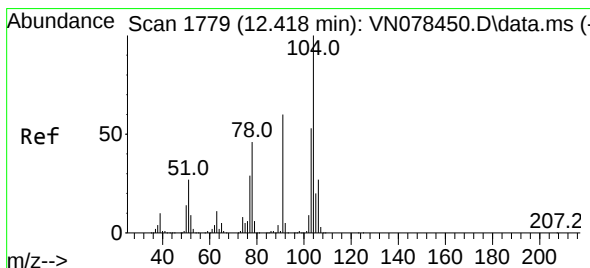
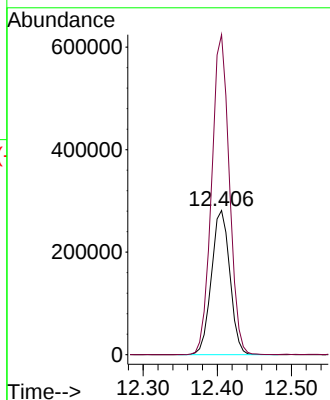
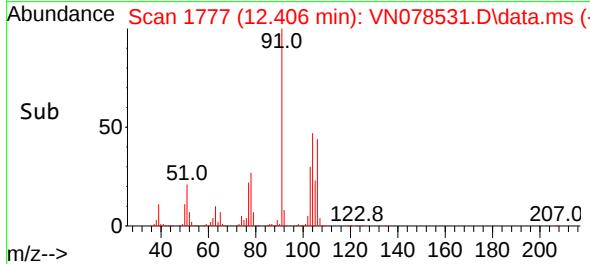
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 485240
Ion Ratio Lower Upper
106 100
91 213.7 105.2 315.5

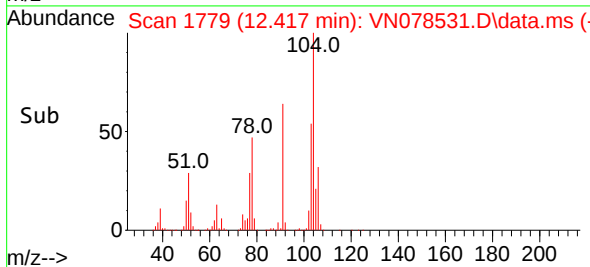
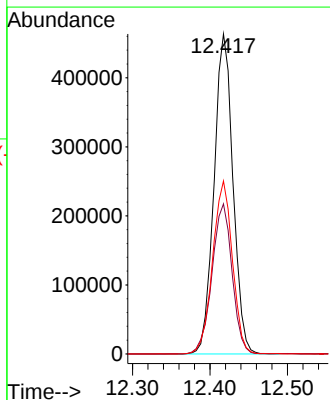
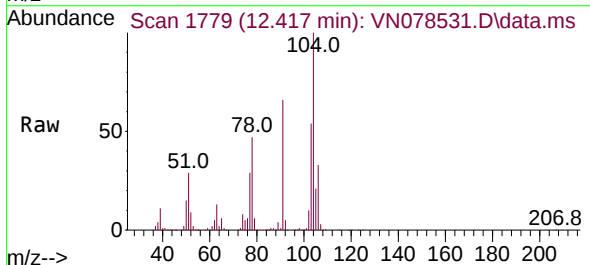
Manual Integrations
APPROVED

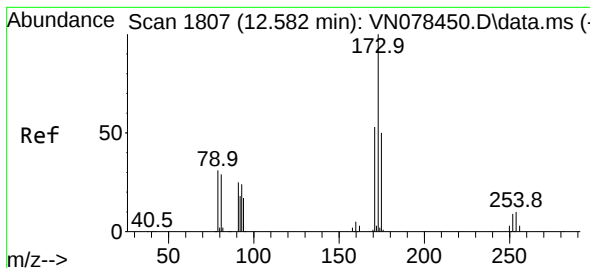
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#70
Styrene
Concen: 50.974 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Tgt Ion:104 Resp: 788094
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 56.4 43.2 64.8





#71

Bromoform

Concen: 50.322 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078531.D

Acq: 14 Jul 2023 18:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 205250

Ion Ratio Lower Upper

173 100

175 49.8 24.3 73.0

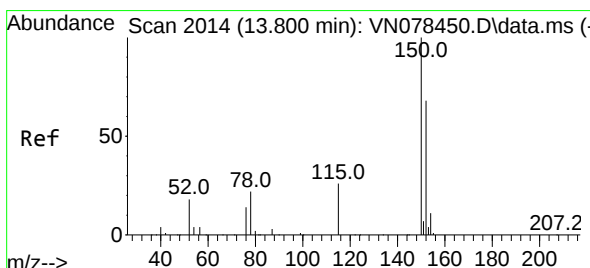
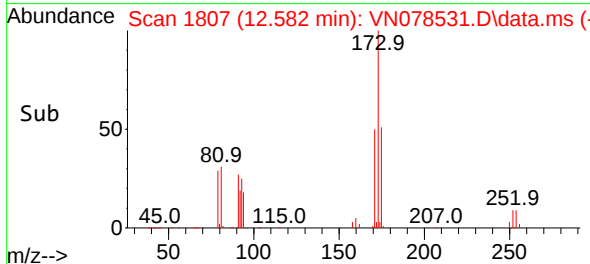
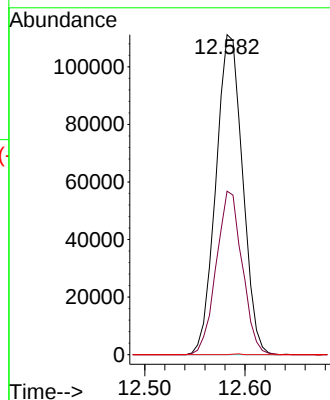
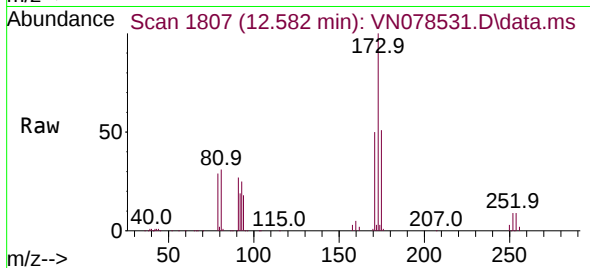
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078531.D

Acq: 14 Jul 2023 18:51

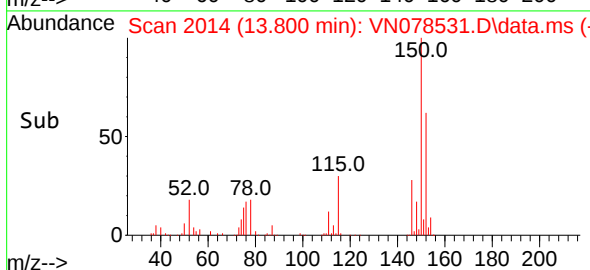
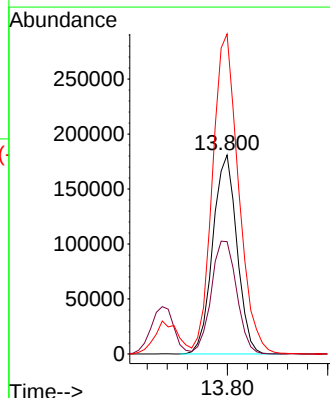
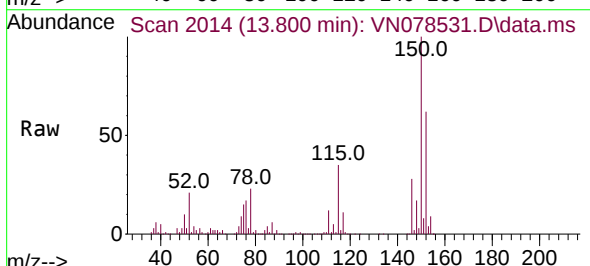
Tgt Ion:152 Resp: 302138

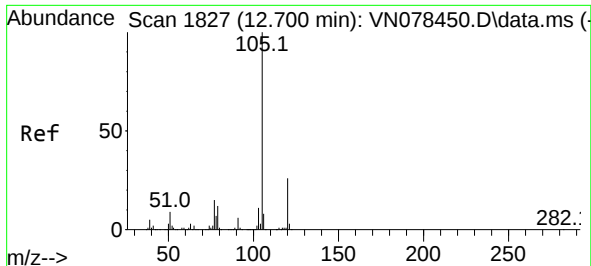
Ion Ratio Lower Upper

152 100

115 59.8 32.3 96.8

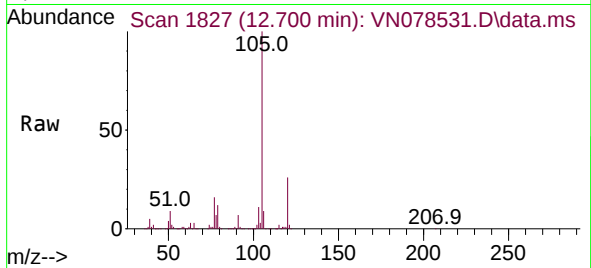
150 173.5 0.0 355.8





#73
Isopropylbenzene
Concen: 41.693 ug/l
RT: 12.700 min Scan# 118366
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

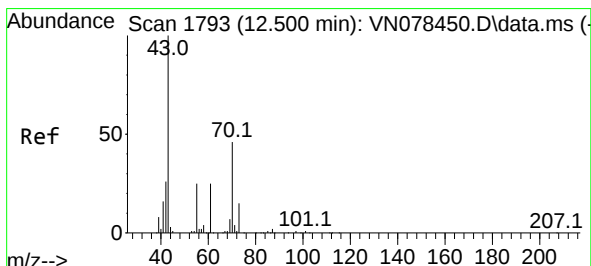
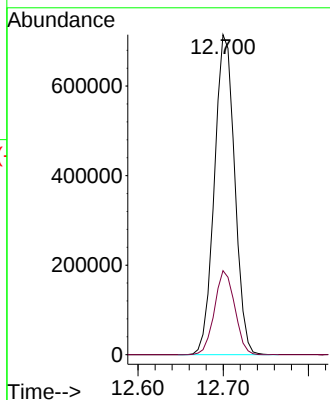
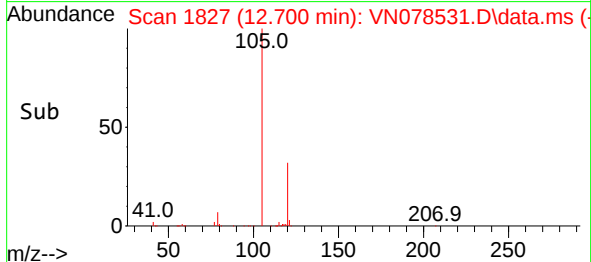
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



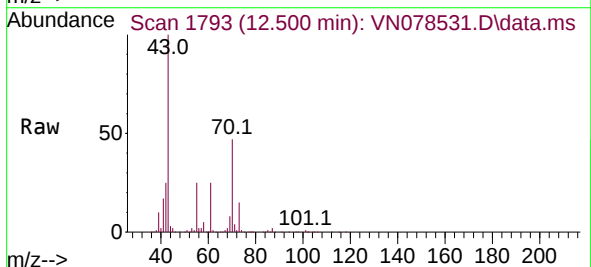
Tgt Ion:105 Resp: 118366
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

Manual Integrations
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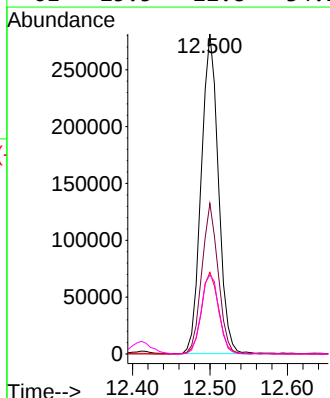
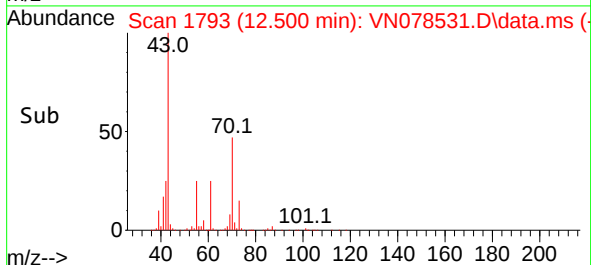
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

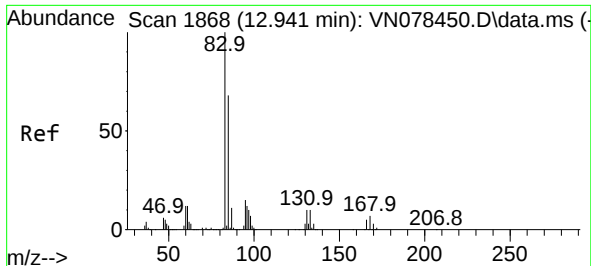


#74
N-ethyl acetate
Concen: 44.218 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51



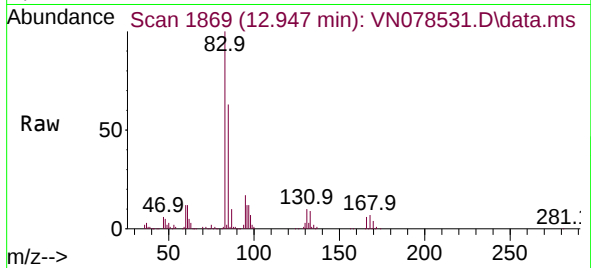
Tgt Ion: 43 Resp: 432623
Ion Ratio Lower Upper
43 100
70 44.8 43.4 65.2
55 25.6 21.4 32.0
61 25.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.114 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

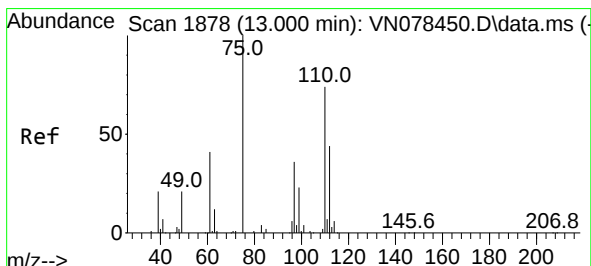
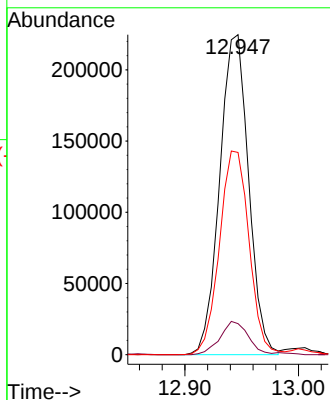
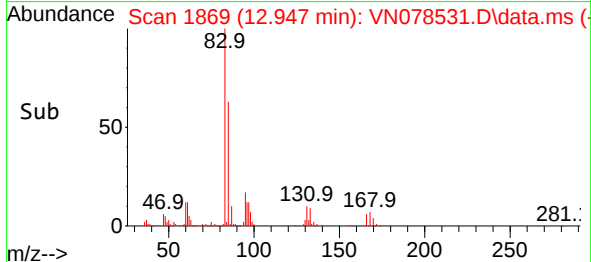
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 397320
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 65.3 31.9 95.7

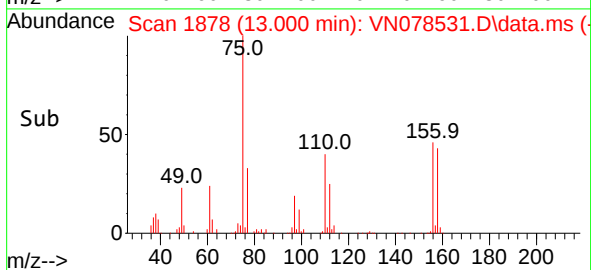
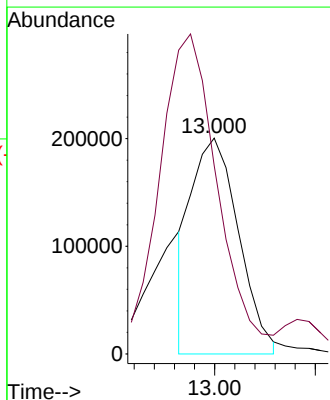
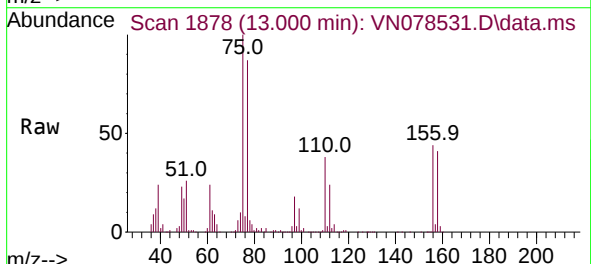
Manual Integrations
APPROVED

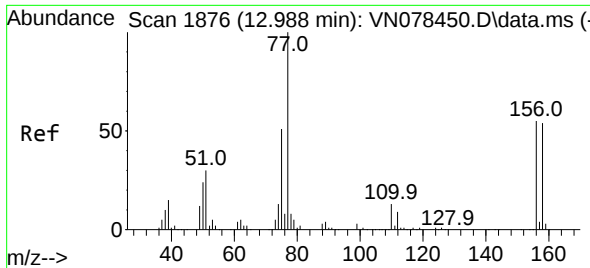
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#76
1,2,3-Trichloropropane
Concen: 44.625 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

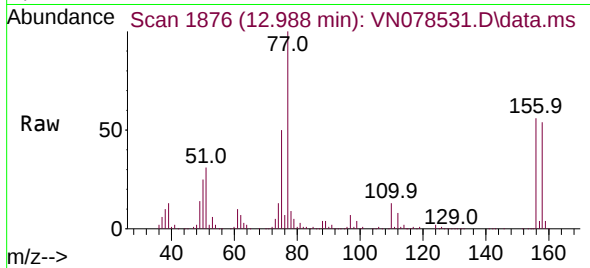
Tgt Ion: 75 Resp: 325897
Ion Ratio Lower Upper
75 100
77 184.4 84.5 253.5





#77
Bromobenzene
Concen: 47.048 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

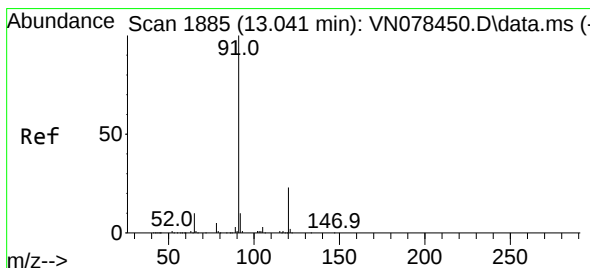
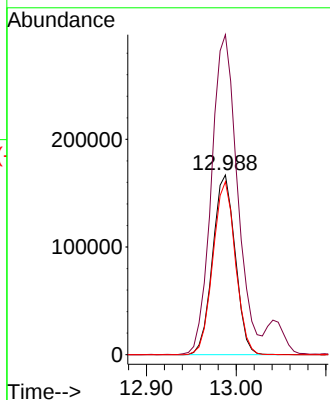
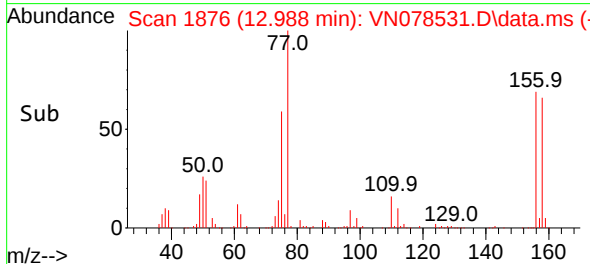
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



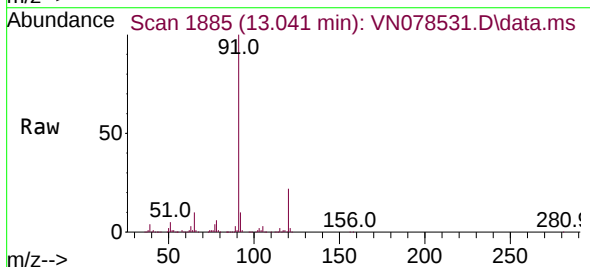
Tgt Ion:156 Resp: 291034
Ion Ratio Lower Upper
156 100
77 206.5 107.7 323.3
158 96.1 48.4 145.3

Manual Integrations
APPROVED

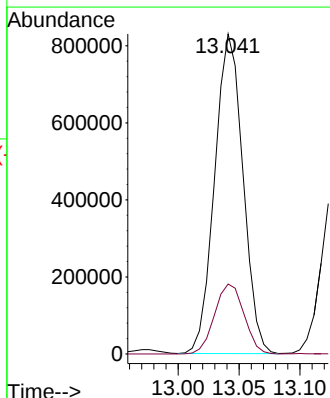
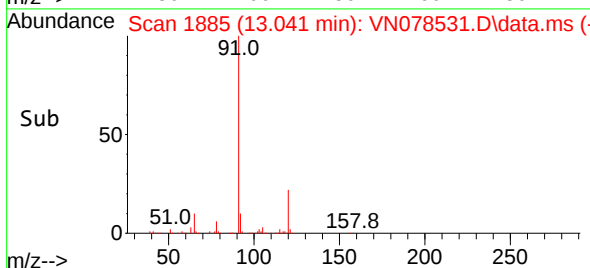
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

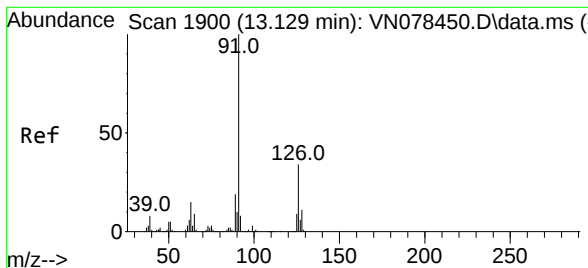


#78
n-propylbenzene
Concen: 44.196 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51



Tgt Ion: 91 Resp: 1341856
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





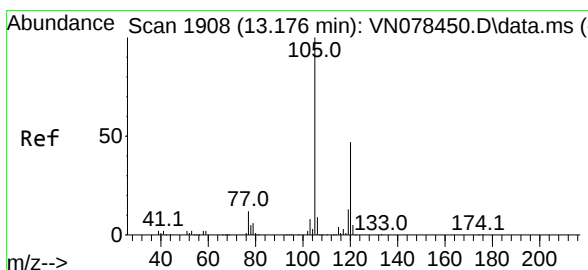
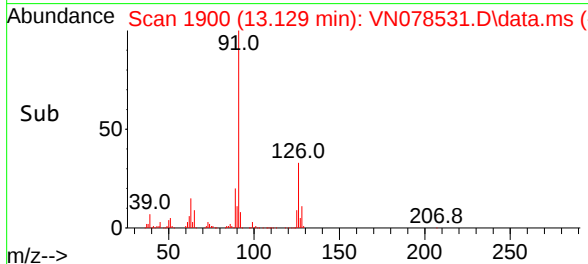
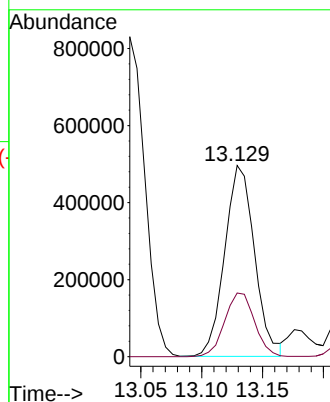
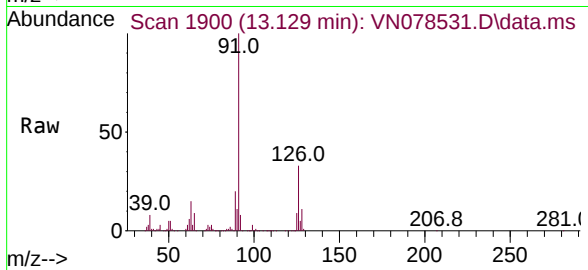
#79
2-Chlorotoluene
Concen: 42.613 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 84745
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

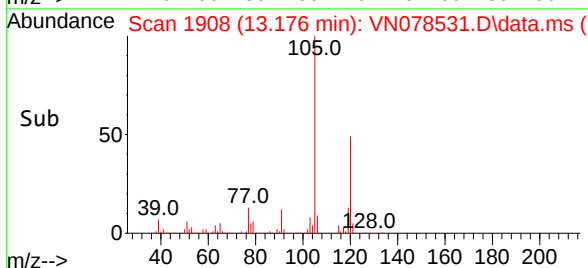
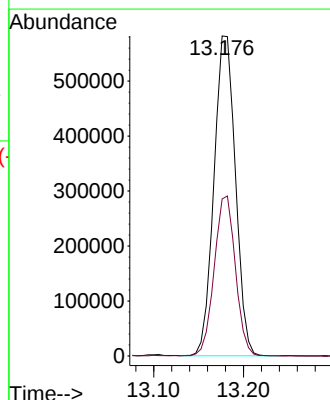
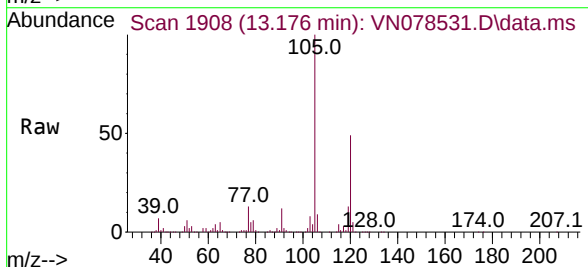
Manual Integrations
APPROVED

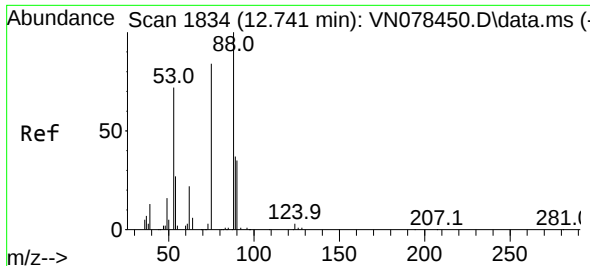
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 43.207 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

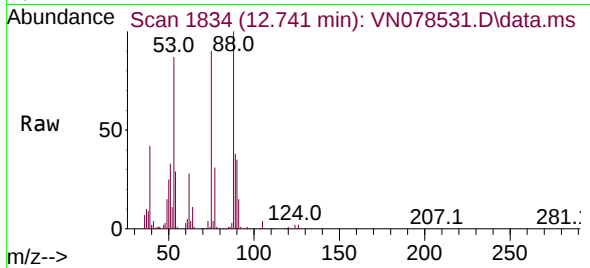
Tgt Ion:105 Resp: 969218
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 40.486 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

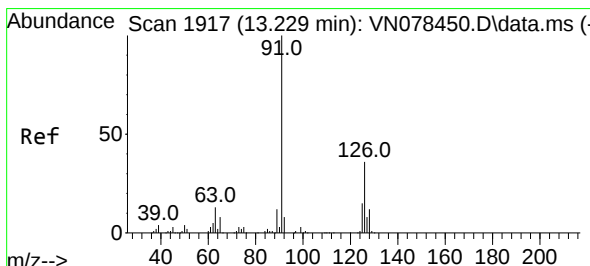
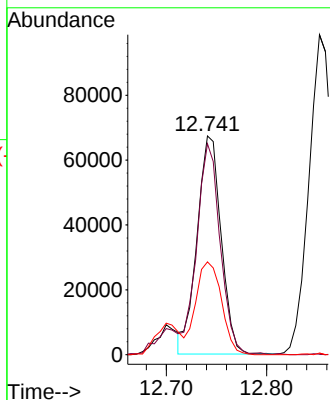
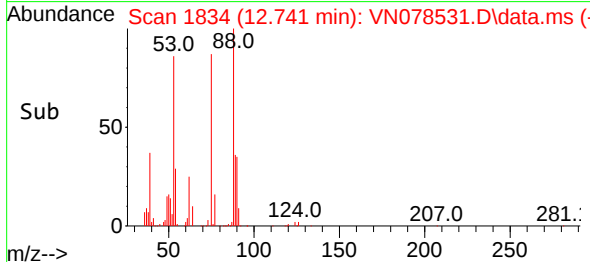
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 11251
Ion Ratio Lower Upper
75 100
53 94.1 67.4 101.2
89 45.3 38.8 58.2

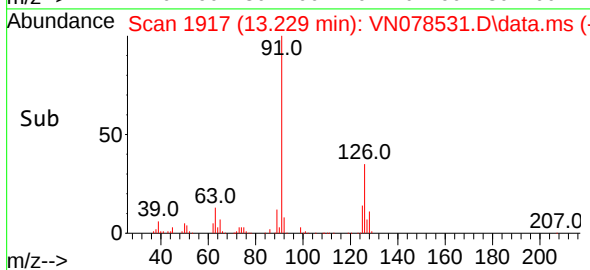
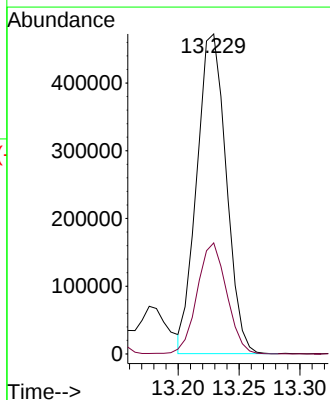
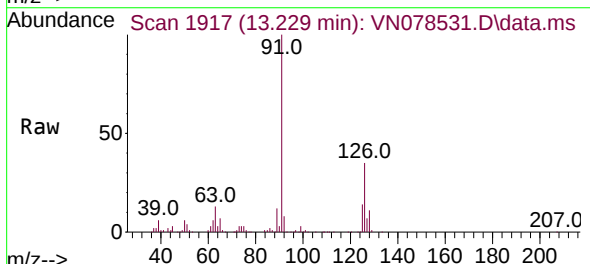
Manual Integrations
APPROVED

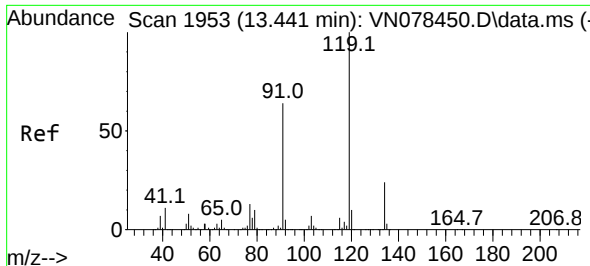
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#82
4-Chlorotoluene
Concen: 42.687 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

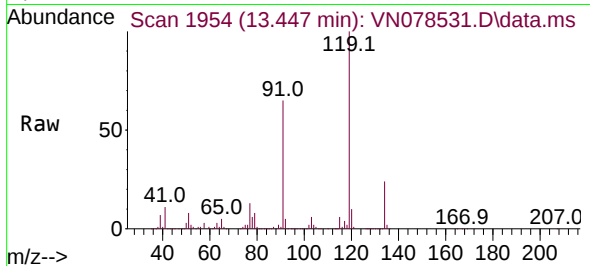
Tgt Ion: 91 Resp: 791942
Ion Ratio Lower Upper
91 100
126 35.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 43.008 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

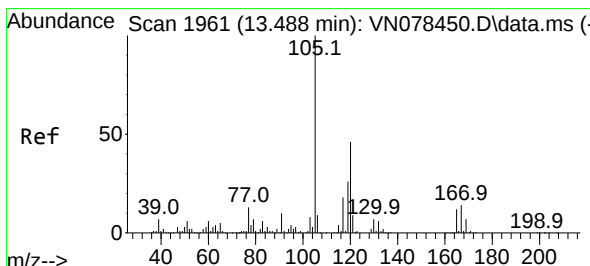
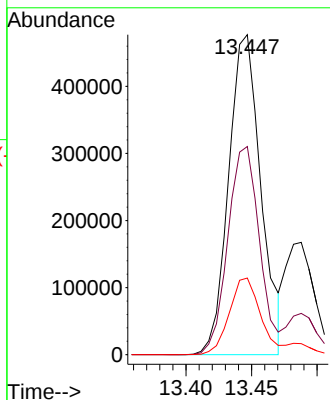
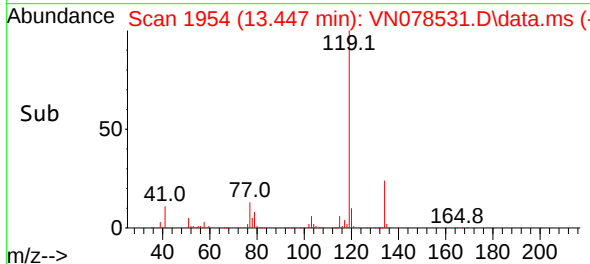
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 819072
Ion Ratio Lower Upper
119 100
91 63.7 33.9 101.7
134 23.5 13.2 39.6

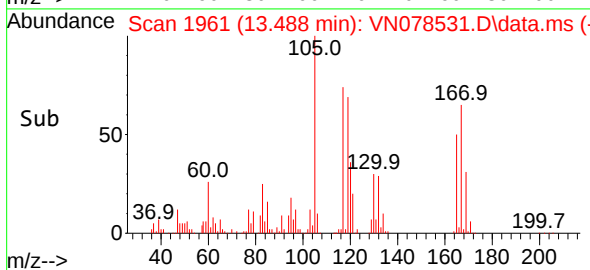
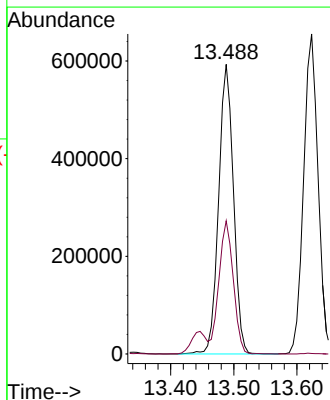
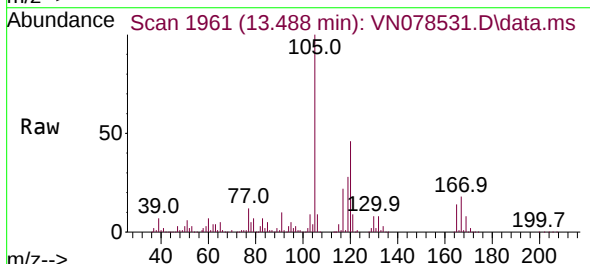
Manual Integrations
APPROVED

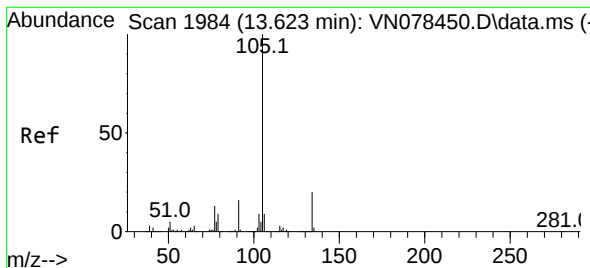
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 44.380 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

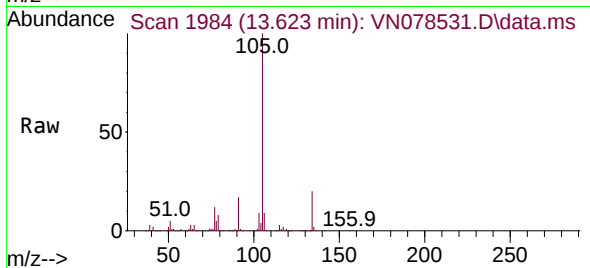
Tgt Ion:105 Resp: 966986
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 43.114 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078531.D
 Acq: 14 Jul 2023 18:51

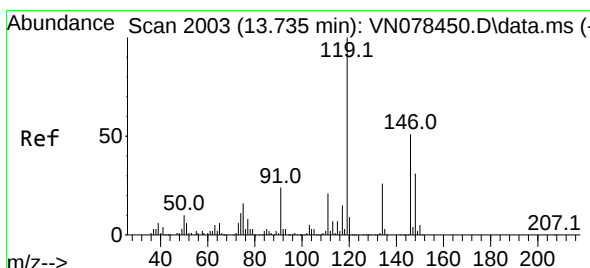
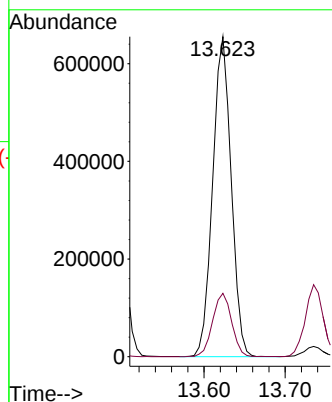
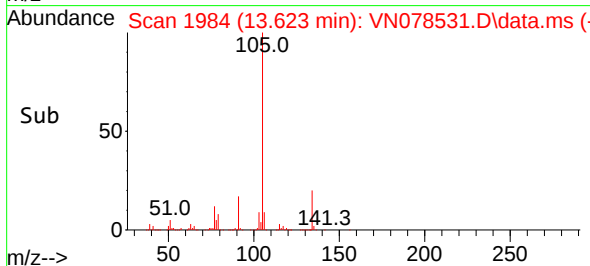
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 1037860
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

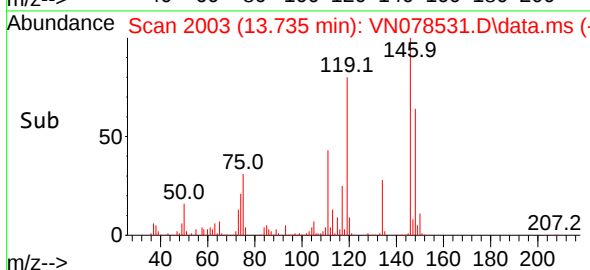
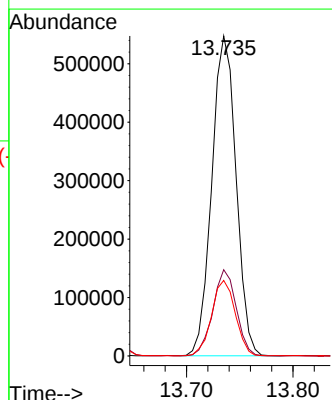
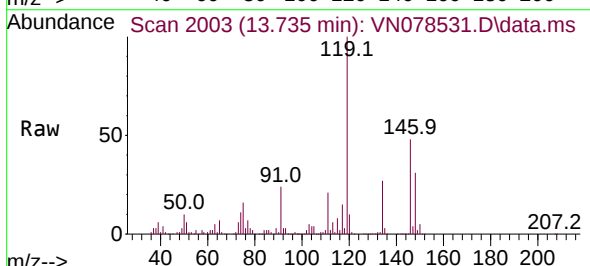
Manual Integrations
 APPROVED

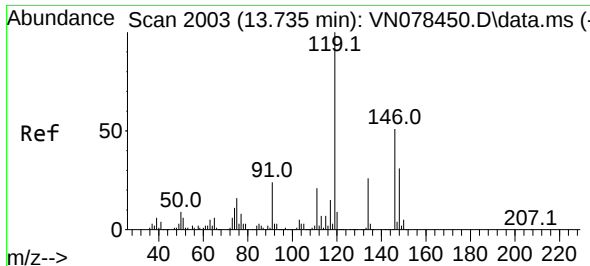
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#86
 p-Isopropyltoluene
 Concen: 44.683 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078531.D
 Acq: 14 Jul 2023 18:51

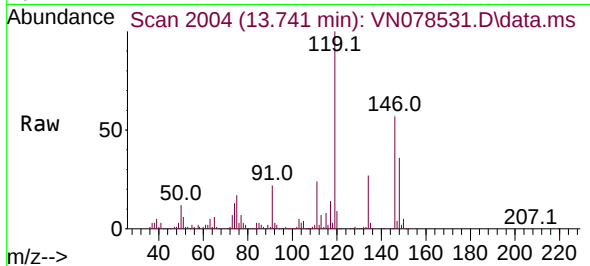
Tgt Ion:119 Resp: 863696
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 23.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 43.630 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

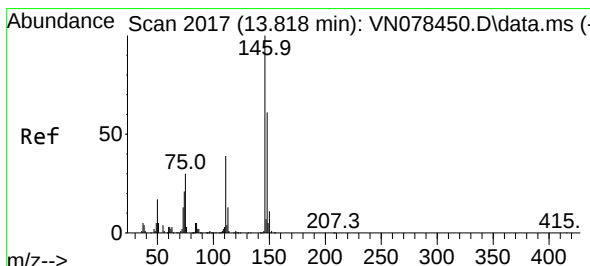
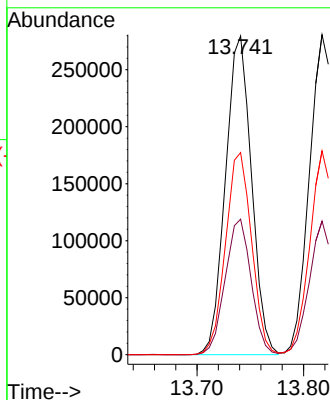
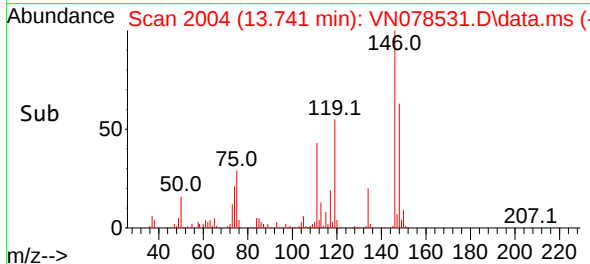
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 475511
Ion Ratio Lower Upper
146 100
111 42.4 22.1 66.3
148 63.6 32.0 96.0

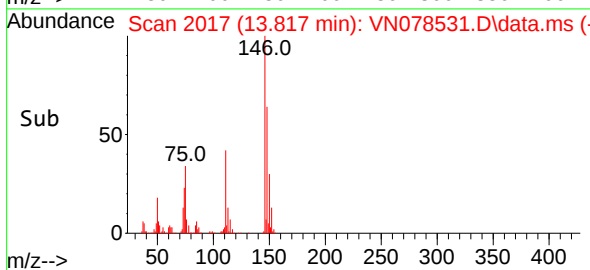
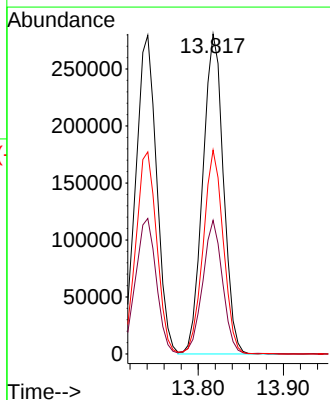
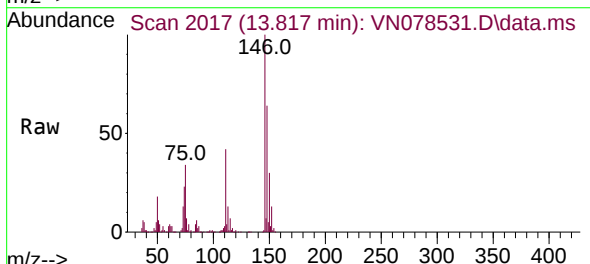
Manual Integrations
APPROVED

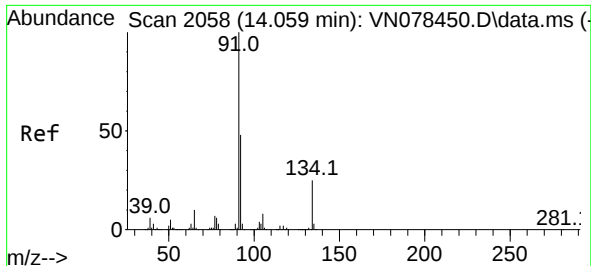
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#88
1,4-Dichlorobenzene
Concen: 43.029 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

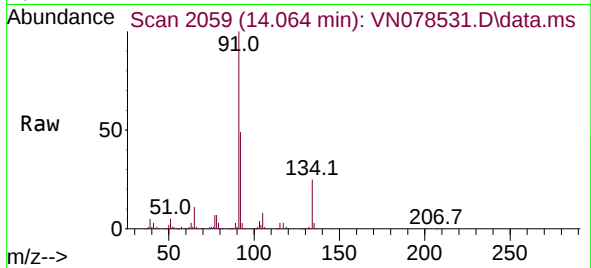
Tgt Ion:146 Resp: 472368
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.8
148 62.1 31.6 94.8





#89
n-Butylbenzene
Concen: 47.453 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.005 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

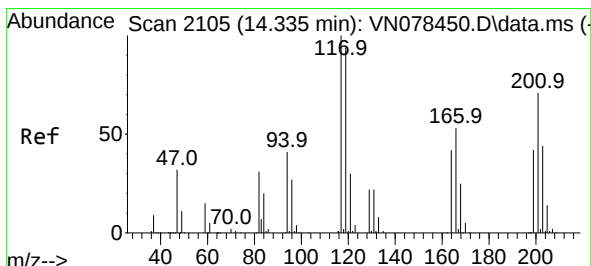
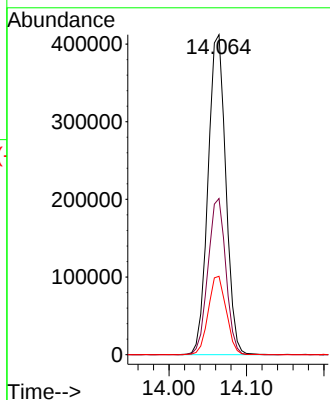
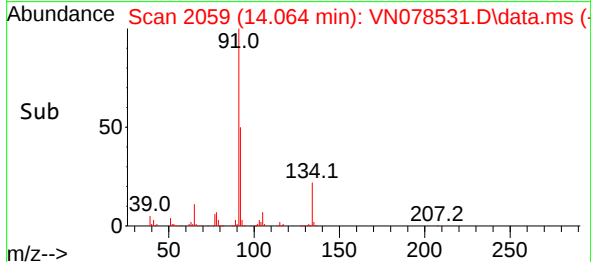
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 65628
Ion Ratio Lower Upper
91 100
92 49.1 26.4 79.0
134 24.9 12.6 37.6

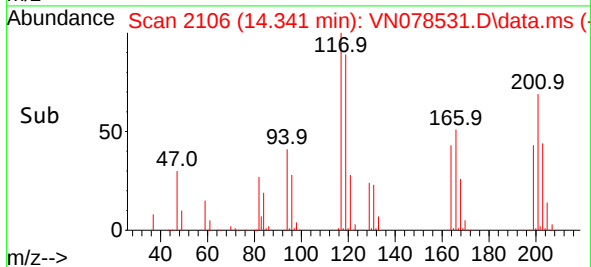
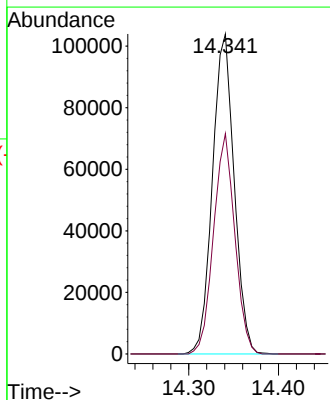
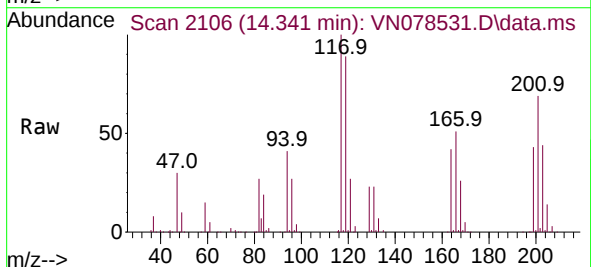
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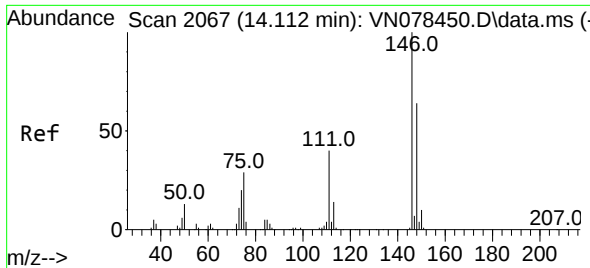
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#90
Hexachloroethane
Concen: 49.165 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Tgt Ion:117 Resp: 174717
Ion Ratio Lower Upper
117 100
201 67.3 29.3 88.0





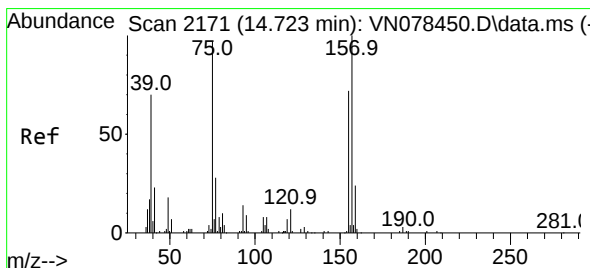
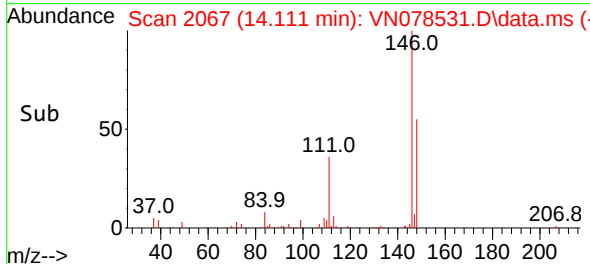
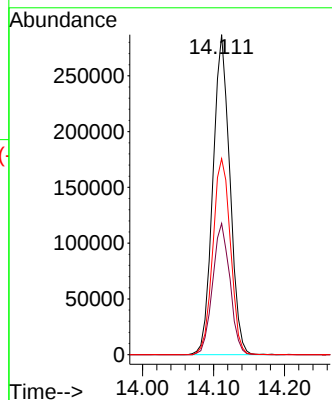
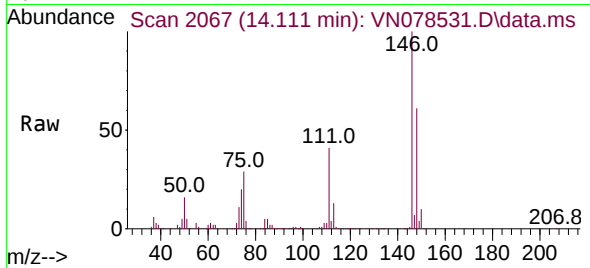
#91
1,2-Dichlorobenzene
Concen: 43.748 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 47450
Ion Ratio Lower Upper
146 100
111 41.7 22.0 66.0
148 63.6 31.8 95.3

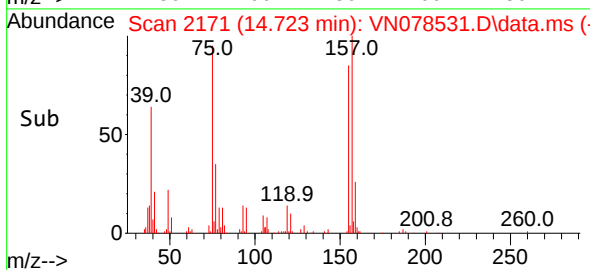
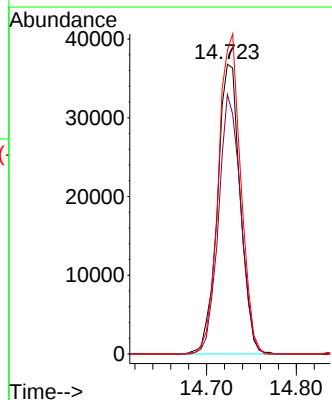
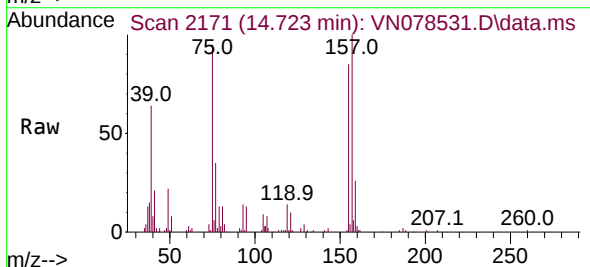
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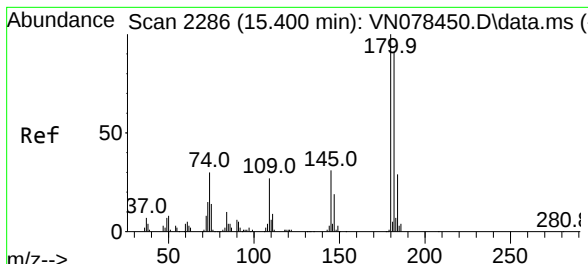
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.707 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

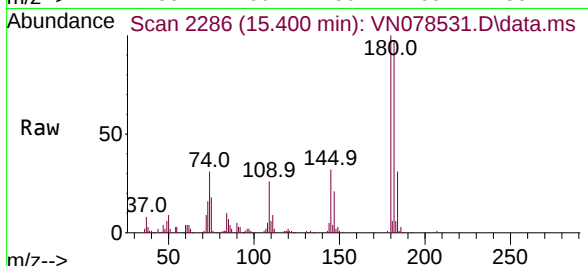
Tgt Ion: 75 Resp: 64960
Ion Ratio Lower Upper
75 100
155 86.6 39.1 117.2
157 108.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 44.547 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

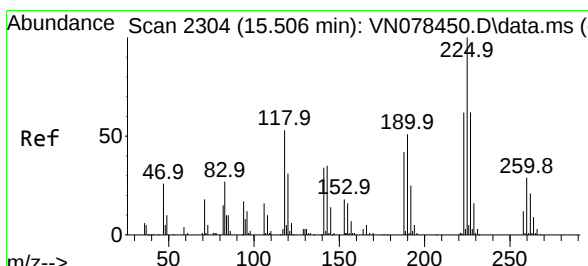
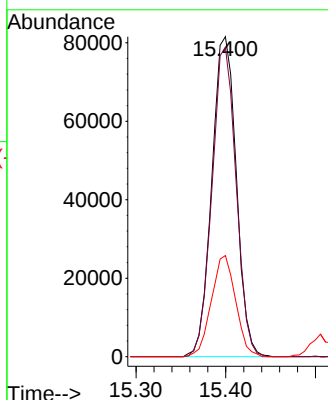
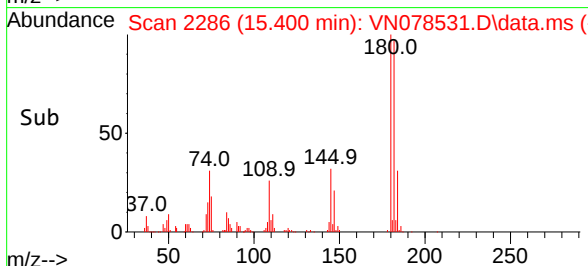
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 15420
Ion Ratio Lower Upper
180 100
182 95.4 46.1 138.2
145 31.4 16.6 49.8

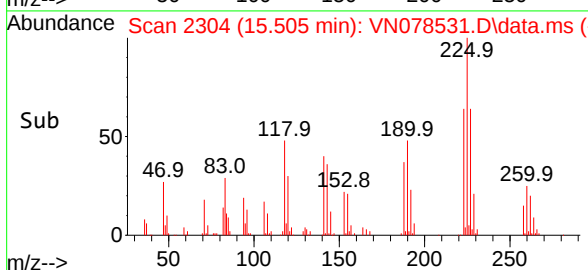
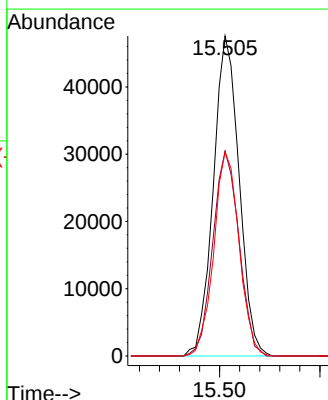
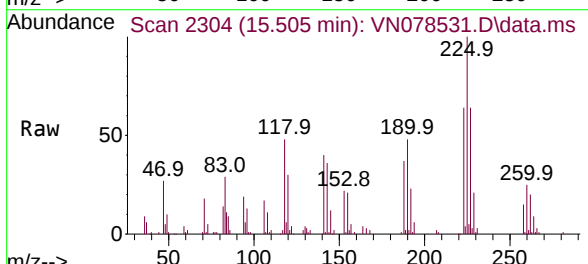
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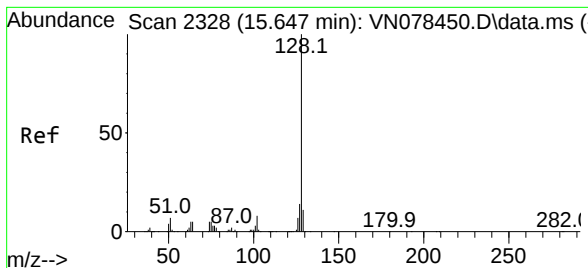
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#94
Hexachlorobutadiene
Concen: 47.176 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

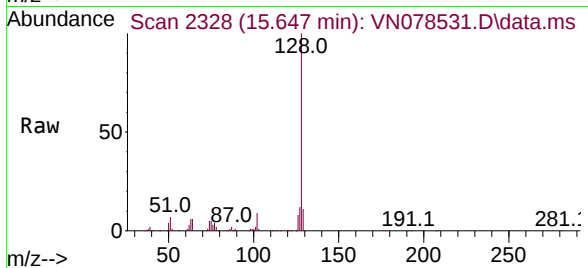
Tgt Ion:225 Resp: 84900
Ion Ratio Lower Upper
225 100
223 64.8 31.3 93.8
227 62.5 31.9 95.9





#95
Naphthalene
Concen: 39.857 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51

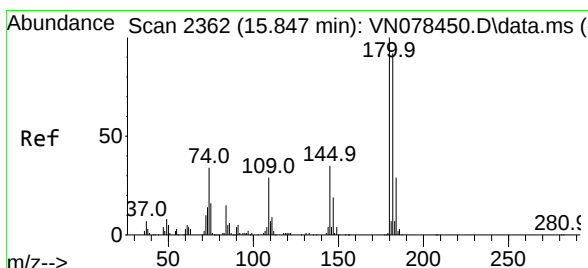
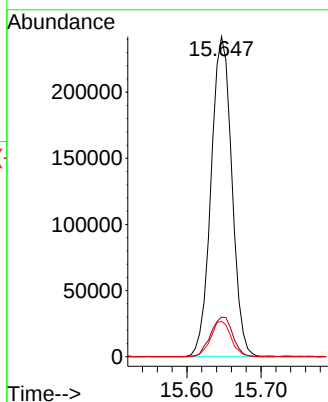
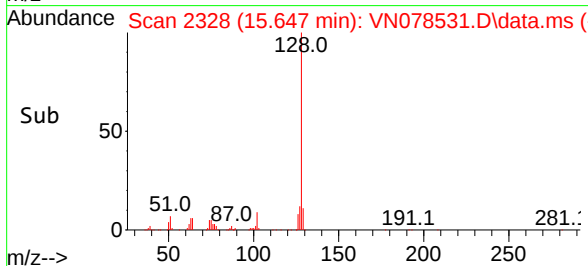
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



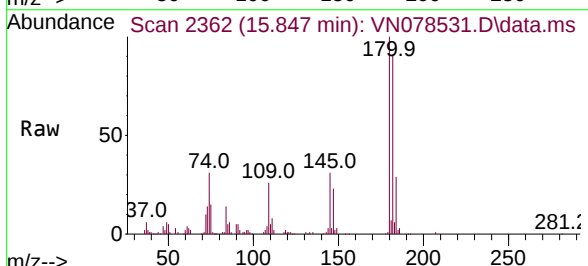
Tgt Ion:128 Resp: 47167
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 41.786 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078531.D
Acq: 14 Jul 2023 18:51



Tgt Ion:180 Resp: 166324
Ion Ratio Lower Upper
180 100
182 95.8 46.2 138.6
145 34.6 17.5 52.6

