

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078533.D
 Acq On : 17 Jul 2023 10:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

Quant Time: Jul 18 04:18:08 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	8.230	168	467057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	805887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	727834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	302367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	311211	49.703	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.400%		
35) Dibromofluoromethane	8.171	113	273074	49.917	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.840%		
50) Toluene-d8	10.571	98	1008933	48.820	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.640%		
62) 4-Bromofluorobenzene	12.853	95	322184	50.613	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	235549	41.134	ug/l	98
3) Chloromethane	2.371	50	310355	49.864	ug/l	97
4) Vinyl Chloride	2.518	62	372708	46.291	ug/l	99
5) Bromomethane	2.948	94	252423	49.519	ug/l	98
6) Chloroethane	3.124	64	244007	50.103	ug/l	96
7) Trichlorofluoromethane	3.501	101	428649	44.537	ug/l	98
8) Diethyl Ether	3.971	74	154795	48.273	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	239624	47.033	ug/l	98
10) Methyl Iodide	4.595	142	336044	47.999	ug/l	97
11) Tert butyl alcohol	5.536	59	230074	238.289	ug/l	100
12) 1,1-Dichloroethene	4.348	96	224483	45.550	ug/l	92
13) Acrolein	4.195	56	217670	229.139	ug/l	96
14) Allyl chloride	5.036	41	334999	49.746	ug/l	94
15) Acrylonitrile	5.724	53	599143	245.599	ug/l	98
16) Acetone	4.442	43	482642	247.455	ug/l	96
17) Carbon Disulfide	4.724	76	587373	41.217	ug/l	97
18) Methyl Acetate	5.030	43	400438	48.499	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	809395	49.846	ug/l	95
20) Methylene Chloride	5.283	84	281454	50.316	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	256491	46.185	ug/l	94
22) Diisopropyl ether	6.683	45	788991	52.324	ug/l	94
23) Vinyl Acetate	6.612	43	2468262	257.480	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	487689	47.998	ug/l	98
25) 2-Butanone	7.489	43	763181	248.574	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	410623	49.411	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	313398	48.781	ug/l	93
28) Bromochloromethane	7.818	49	265903	55.562	ug/l	90
29) Tetrahydrofuran	7.847	42	497548	246.973	ug/l	84
30) Chloroform	7.977	83	528755	49.985	ug/l	92
31) Cyclohexane	8.265	56	375647	44.392	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	457597	48.249	ug/l	99
36) 1,1-Dichloropropene	8.377	75	367947	46.581	ug/l	97
37) Ethyl Acetate	7.565	43	328092	49.826	ug/l #	92
38) Carbon Tetrachloride	8.371	117	407142	47.425	ug/l	97
39) Methylcyclohexane	9.606	83	345611	47.934	ug/l	92
40) Benzene	8.612	78	1128894	48.240	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	169898	50.612	ug/l	92
42) 1,2-Dichloroethane	8.677	62	397985	50.000	ug/l	98
43) Isopropyl Acetate	8.694	43	550049	50.737	ug/l	94
44) Trichloroethene	9.359	130	292954	46.448	ug/l	100
45) 1,2-Dichloropropane	9.630	63	299563	50.542	ug/l	96
46) Dibromomethane	9.712	93	208963	50.092	ug/l	91
47) Bromodichloromethane	9.894	83	426221	50.969	ug/l	99
48) Methyl methacrylate	9.688	41	252263	50.226	ug/l	90
49) 1,4-Dioxane	9.700	88	108861	993.872	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1671373	259.193	ug/l	93
52) Toluene	10.635	92	716637	49.410	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	446659	52.138	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	478005	52.345	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	292629	51.209	ug/l	97
56) Ethyl methacrylate	10.877	69	422671	52.913	ug/l	92
57) 1,3-Dichloropropane	11.171	76	481969	49.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	769999	270.484	ug/l	93
59) 2-Hexanone	11.200	43	1172282	255.793	ug/l	93
60) Dibromochloromethane	11.365	129	324941	51.508	ug/l	100
61) 1,2-Dibromoethane	11.476	107	297084	50.468	ug/l	100
64) Tetrachloroethene	11.106	164	251266	45.918	ug/l	98
65) Chlorobenzene	11.894	112	769041	47.271	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	304058	48.582	ug/l	97
67) Ethyl Benzene	11.971	91	1355265	49.283	ug/l	98
68) m/p-Xylenes	12.076	106	1035380	101.833	ug/l	99
69) o-Xylene	12.406	106	498834	48.574	ug/l	96
70) Styrene	12.418	104	827277	51.491	ug/l	98
71) Bromoform	12.582	173	220077	51.921	ug/l #	99
73) Isopropylbenzene	12.700	105	1253491	44.119	ug/l	99
74) N-amyl acetate	12.500	43	432827	44.206	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	403814	50.946	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	321844m	44.036	ug/l	
77) Bromobenzene	12.982	156	303152	49.035	ug/l	97
78) n-propylbenzene	13.041	91	1437048	47.295	ug/l	99
79) 2-Chlorotoluene	13.129	91	868906	43.658	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1035403	46.123	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	127503	45.844	ug/l	92
82) 4-Chlorotoluene	13.229	91	852833	45.934	ug/l	97
83) tert-Butylbenzene	13.441	119	860031	45.124	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1020956	46.822	ug/l	98
85) sec-Butylbenzene	13.623	105	1112023	46.160	ug/l	99
86) p-Isopropyltoluene	13.735	119	915410	47.323	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	517272	47.425	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	506926	46.142	ug/l	98
89) n-Butylbenzene	14.059	91	712083	51.448	ug/l	97
90) Hexachloroethane	14.335	117	179695	50.550	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	508023	46.803	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	66638	48.952	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	167923	48.473	ug/l	97
94) Hexachlorobutadiene	15.506	225	95177	53.389	ug/l	99
95) Naphthalene	15.647	128	509555	43.025	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	187922	47.177	ug/l	97

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VSTDCCC050

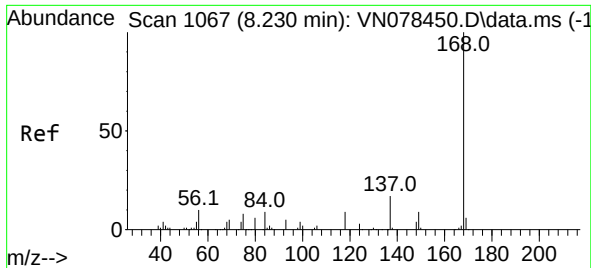
Manual Integrations
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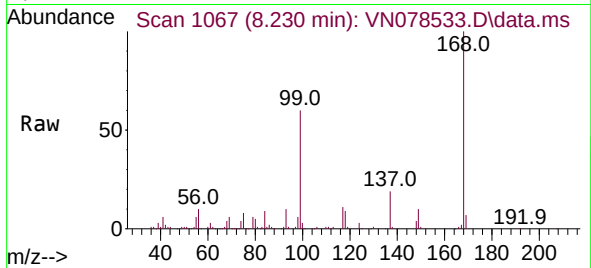
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078533.D
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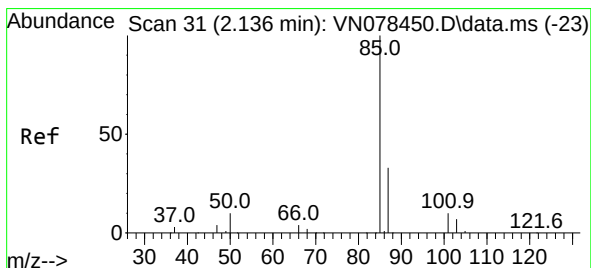
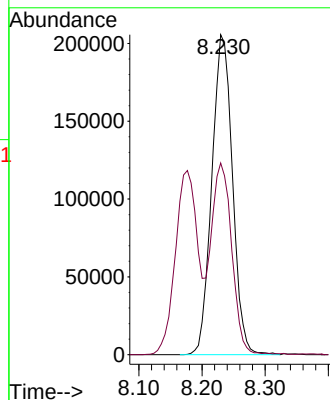
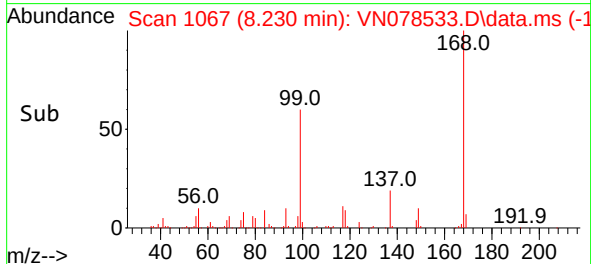
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 46705
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6

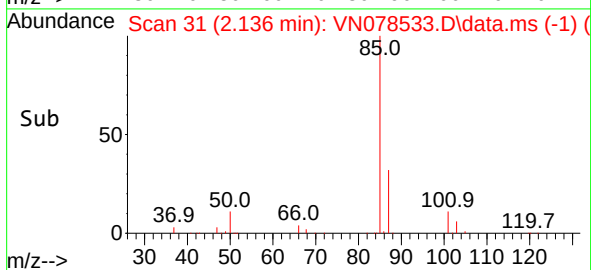
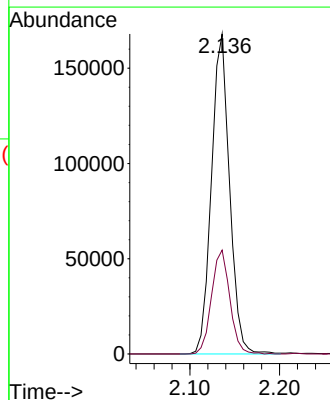
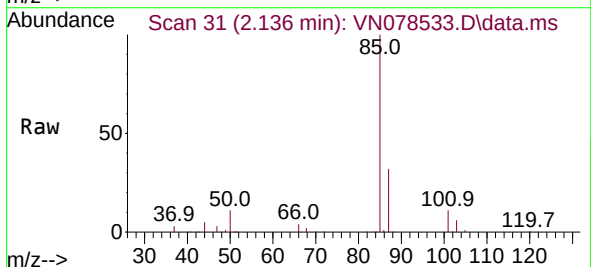
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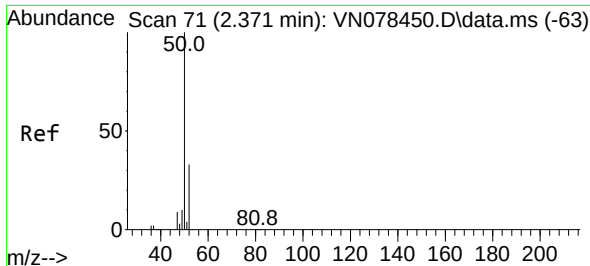
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#2
Dichlorodifluoromethane
Concen: 41.134 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

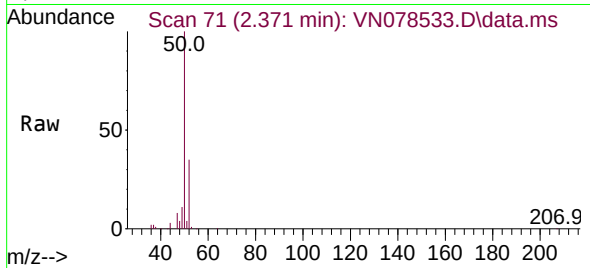
Tgt Ion: 85 Resp: 235549
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.4





#3
Chloromethane
Concen: 49.864 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

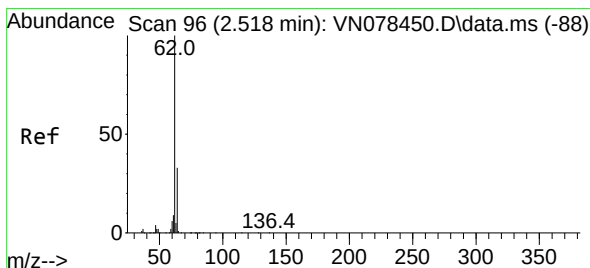
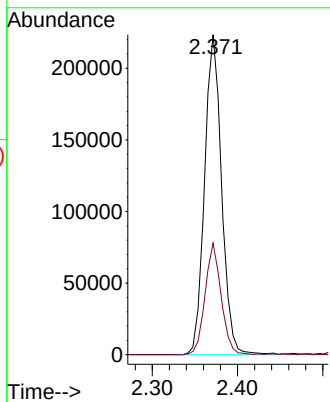
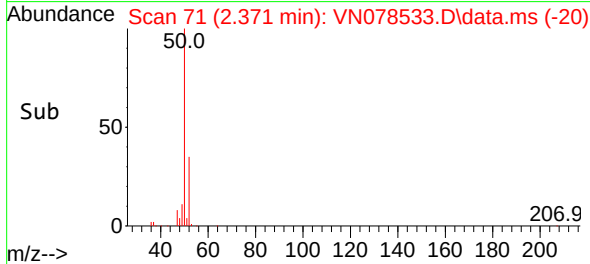
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 31035
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7

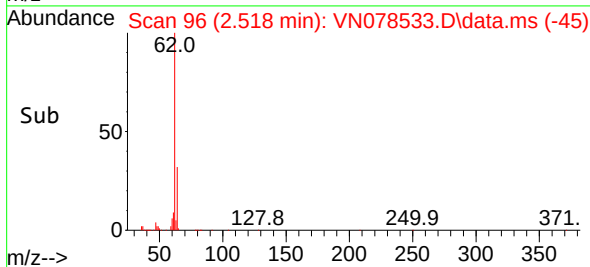
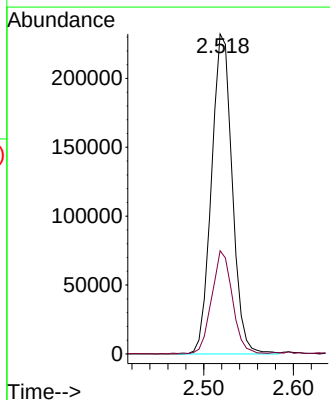
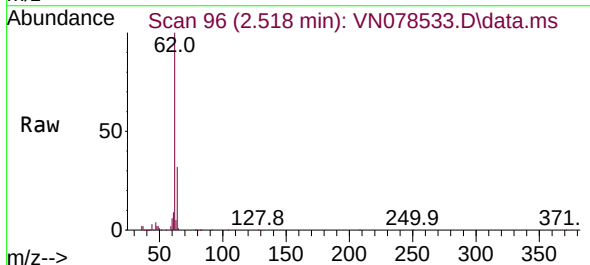
Manual Integrations
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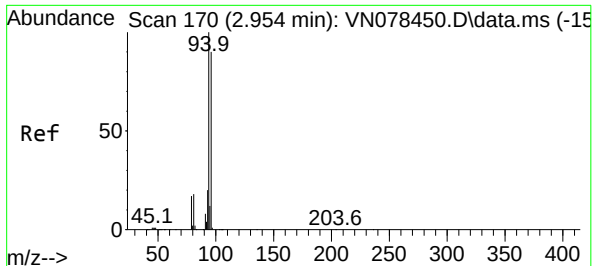
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#4
Vinyl Chloride
Concen: 46.291 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

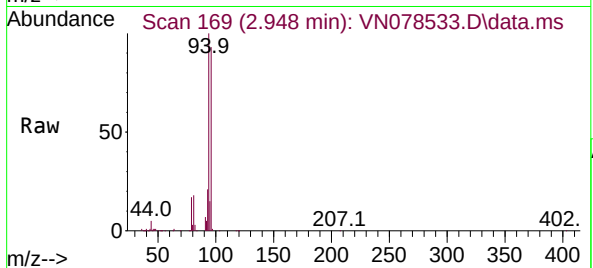
Tgt Ion: 62 Resp: 372708
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2





#5
Bromomethane
Concen: 49.519 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

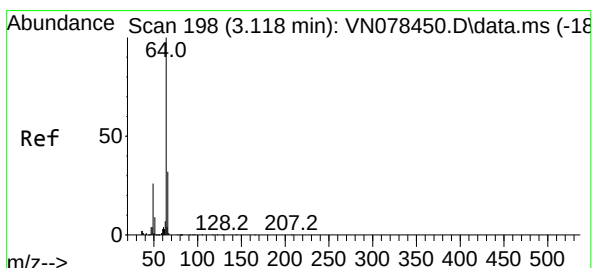
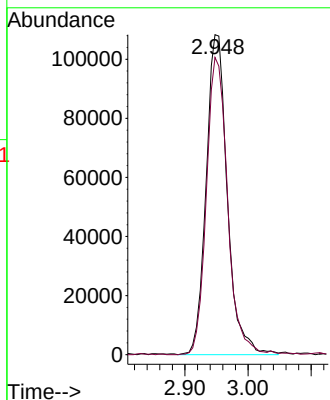
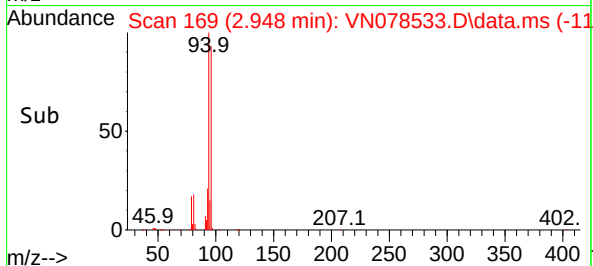
Instrument :
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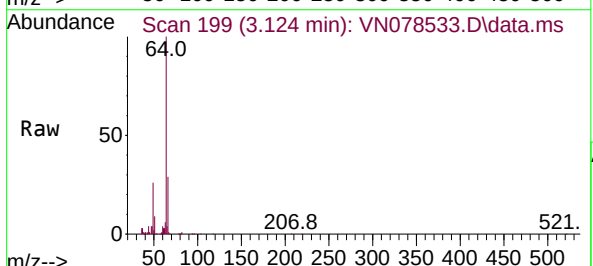
Tgt Ion: 94 Resp: 25242
Ion Ratio Lower Upper
94 100
96 92.9 73.1 109.7

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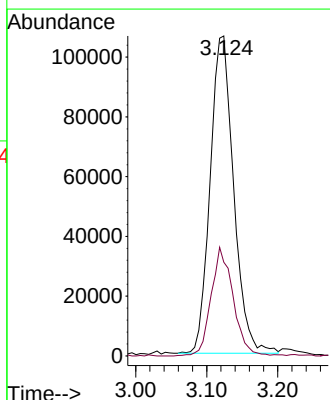
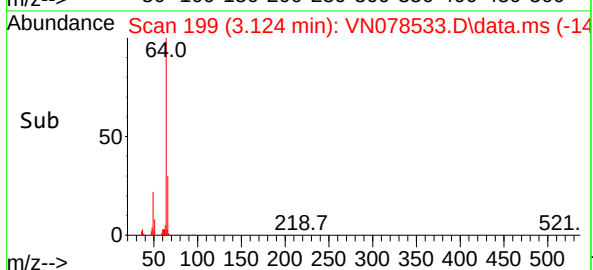
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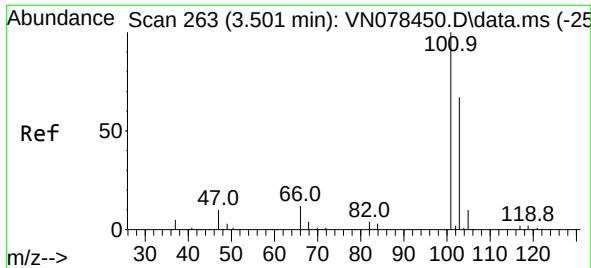


#6
Chloroethane
Concen: 50.103 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078533.D
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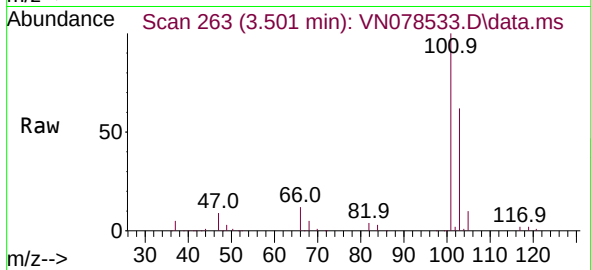
Tgt Ion: 64 Resp: 244007
Ion Ratio Lower Upper
64 100
66 29.4 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 44.537 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32

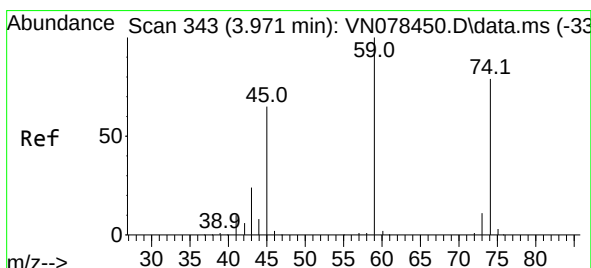
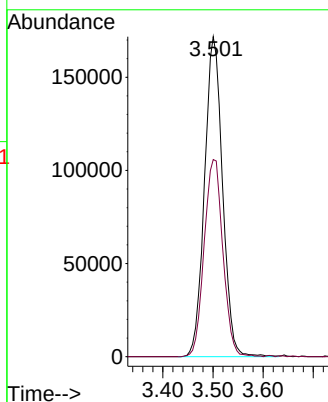
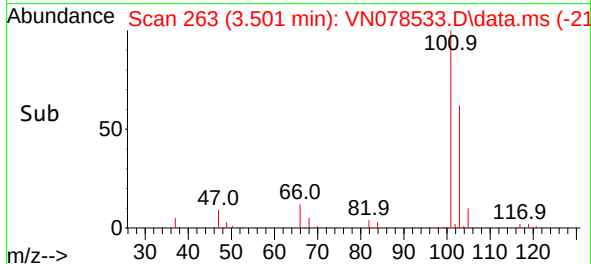
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 428649
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.7 76.1

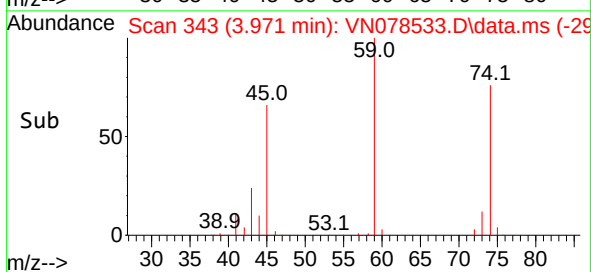
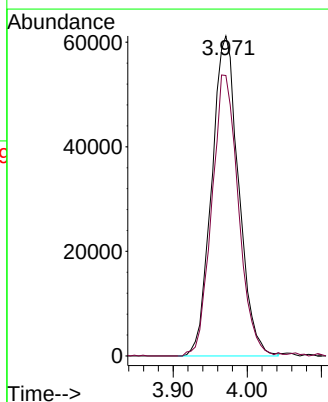
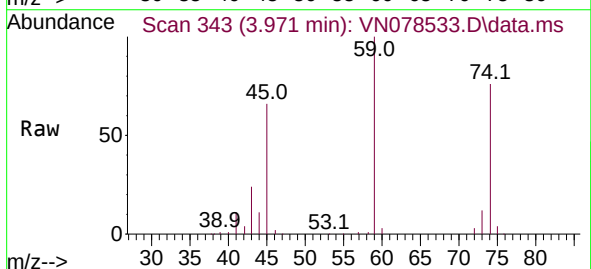
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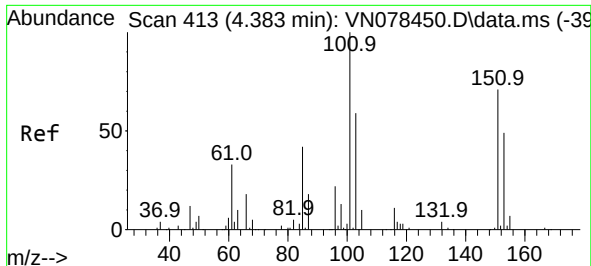
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#8
 Diethyl Ether
 Concen: 48.273 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 154795
 Ion Ratio Lower Upper
 74 100
 45 86.5 34.4 103.3





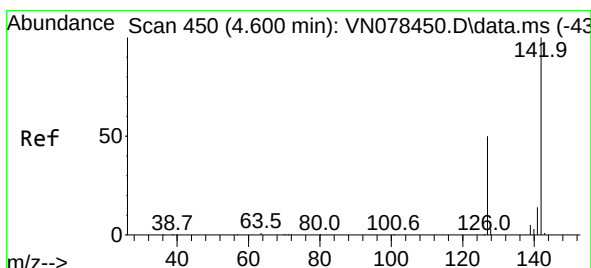
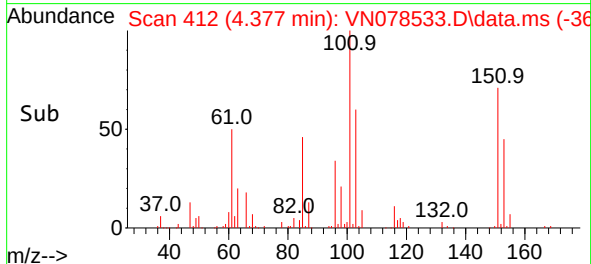
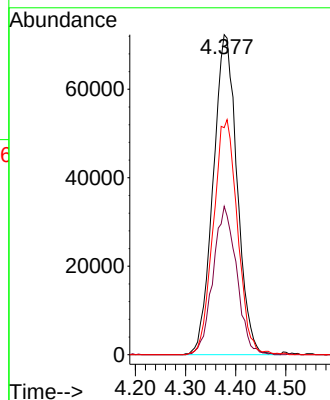
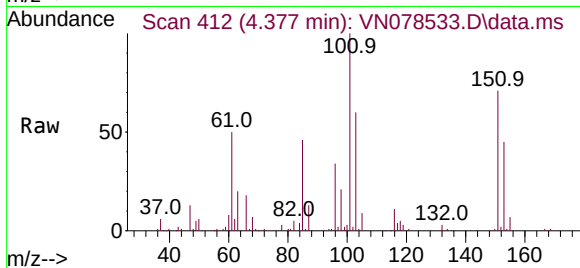
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.033 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 239624
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 74.4 57.6 86.4

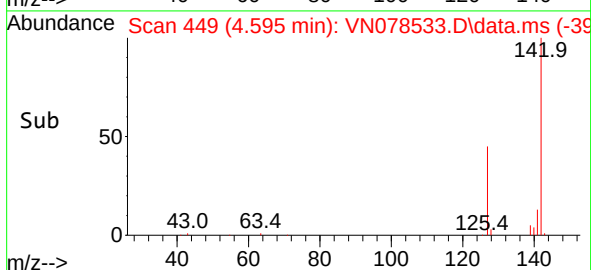
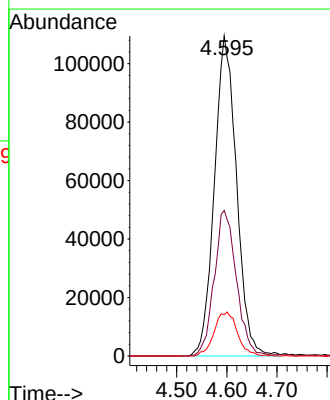
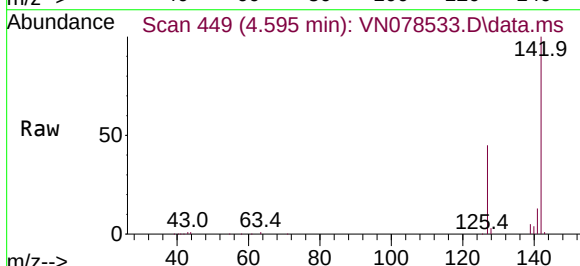
Manual Integrations
APPROVED

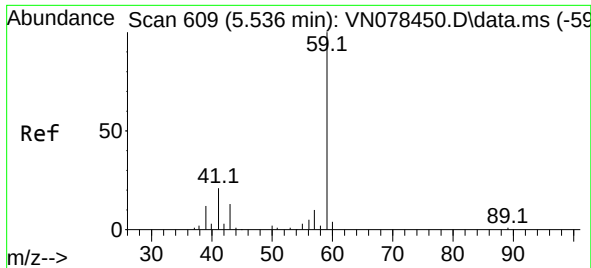
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#10
Methyl Iodide
Concen: 47.999 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

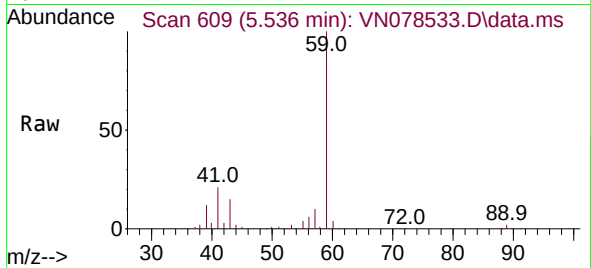
Tgt Ion:142 Resp: 336044
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 12.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 238.289 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

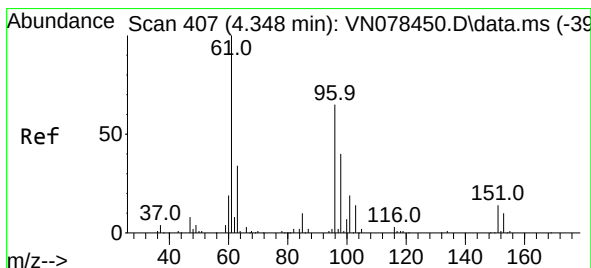
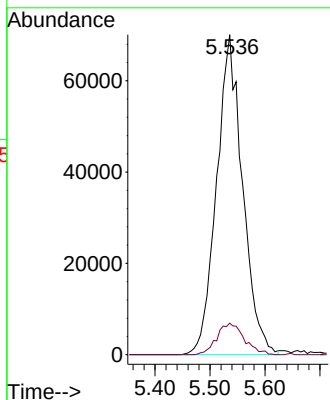
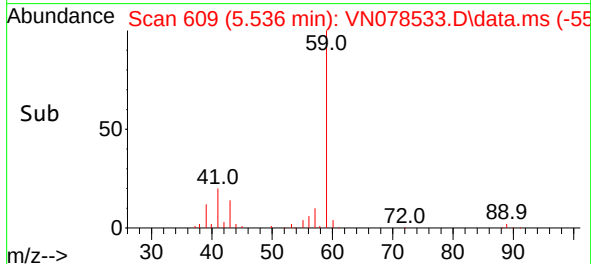
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



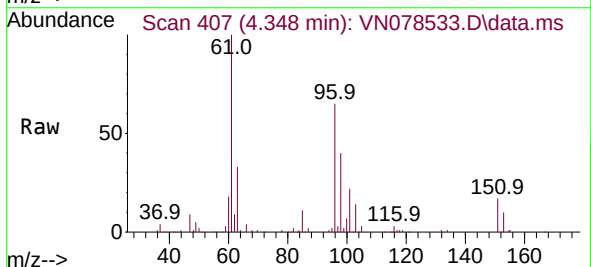
Tgt Ion: 59 Resp: 230074
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

Manual Integrations
APPROVED

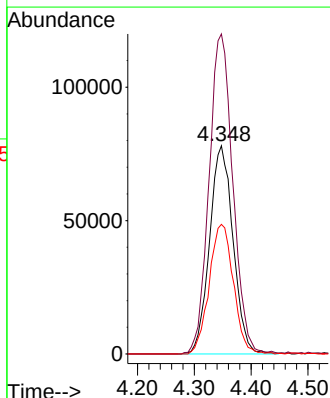
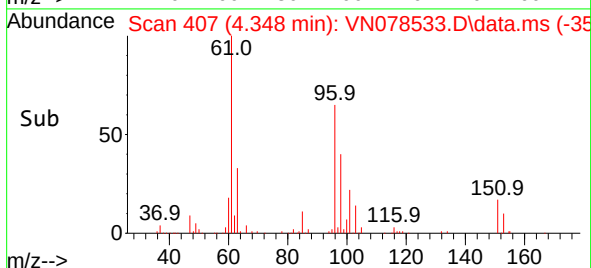
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

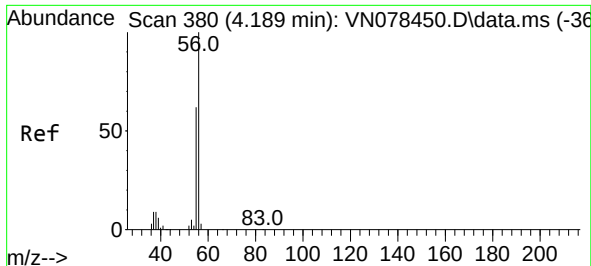


#12
1,1-Dichloroethene
Concen: 45.550 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32



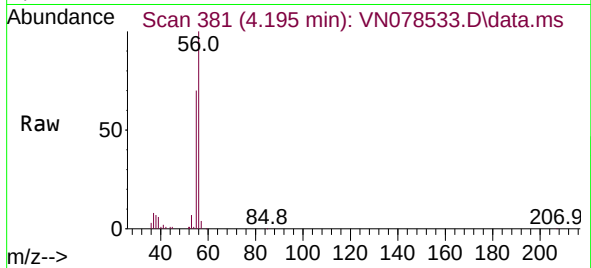
Tgt Ion: 96 Resp: 224483
Ion Ratio Lower Upper
96 100
61 153.7 112.7 169.1
98 62.2 51.2 76.8





#13
Acrolein
Concen: 229.139 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

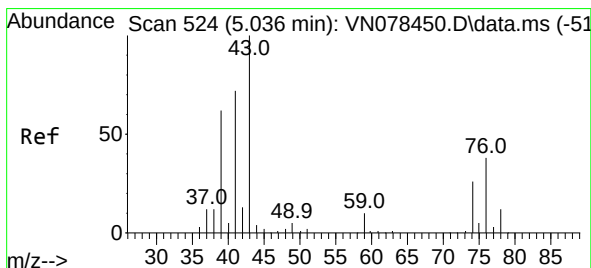
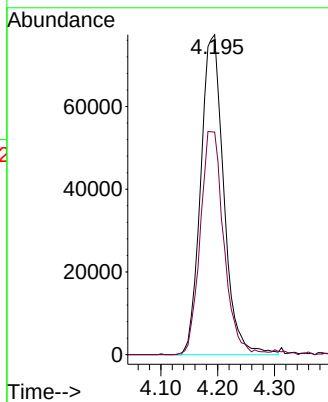
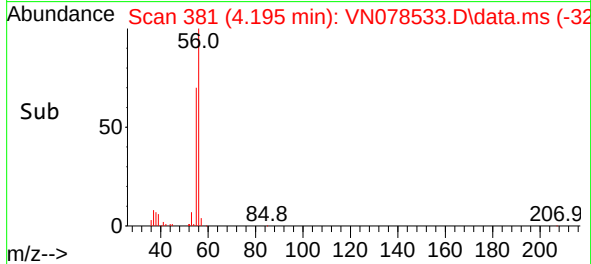
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 217670
Ion Ratio Lower Upper
56 100
55 71.5 54.5 81.7

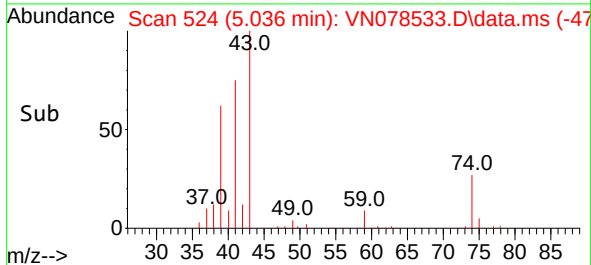
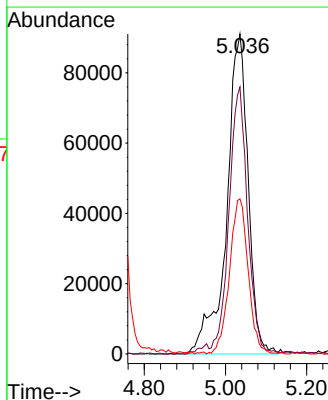
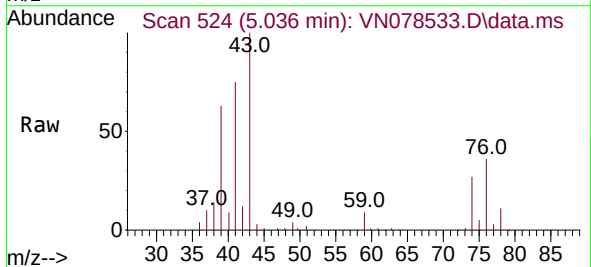
Manual Integrations
APPROVED

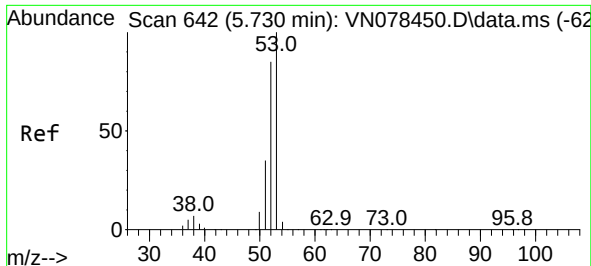
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#14
Allyl chloride
Concen: 49.746 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

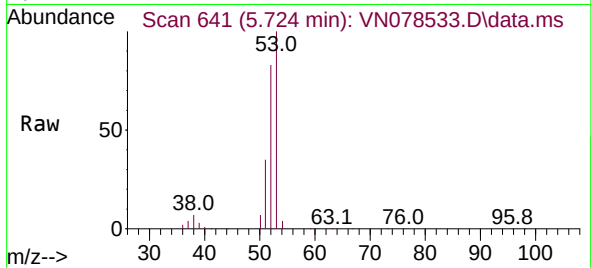
Tgt Ion: 41 Resp: 334999
Ion Ratio Lower Upper
41 100
39 71.2 58.8 88.2
76 42.1 39.1 58.7





#15
Acrylonitrile
Concen: 245.599 ug/l
RT: 5.724 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

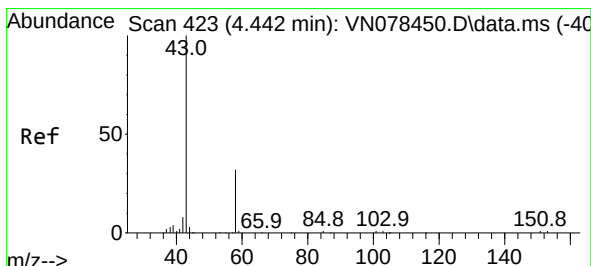
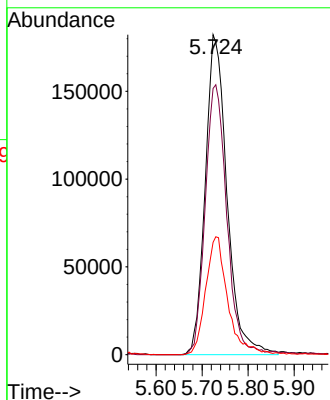
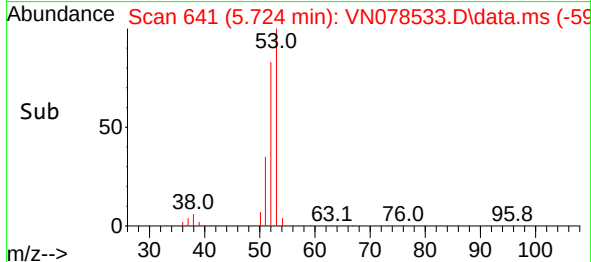
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 59914
Ion Ratio Lower Upper
53 100
52 83.6 65.3 97.9
51 37.3 28.9 43.3

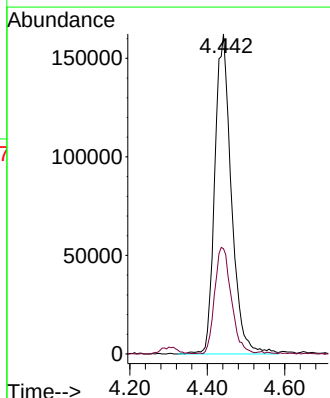
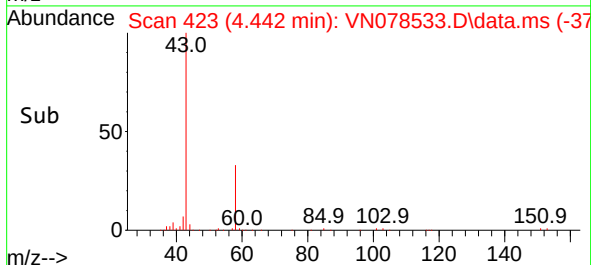
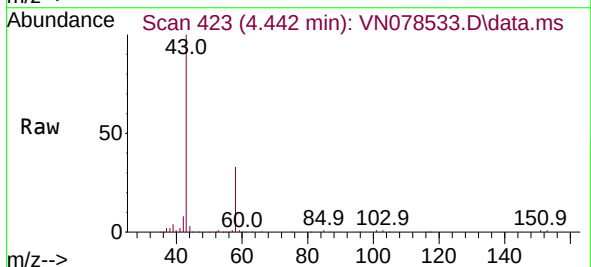
Manual Integrations
APPROVED

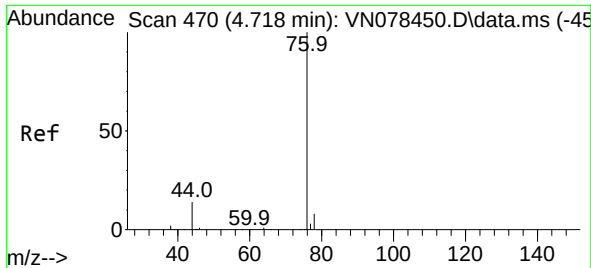
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#16
Acetone
Concen: 247.455 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

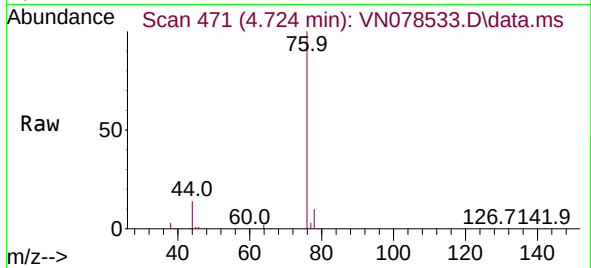
Tgt Ion: 43 Resp: 482642
Ion Ratio Lower Upper
43 100
58 32.9 28.0 42.0





#17
Carbon Disulfide
Concen: 41.217 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

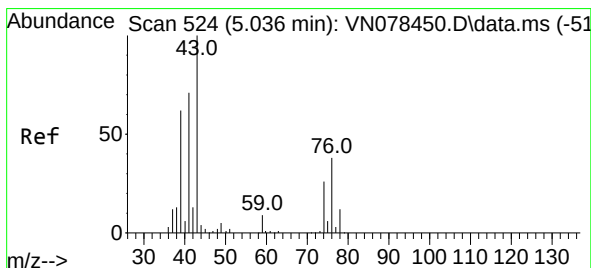
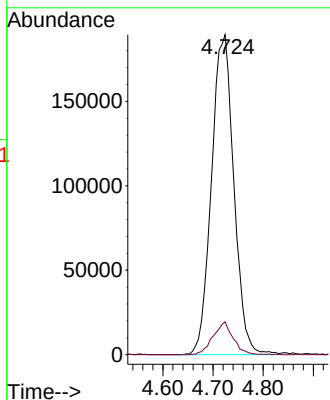
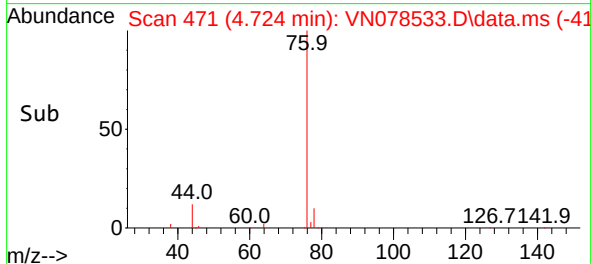
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



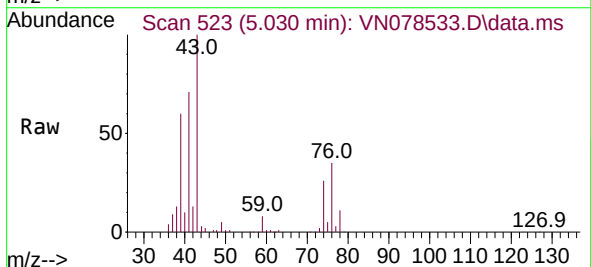
Tgt Ion: 76 Resp: 58737
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0

Manual Integrations
APPROVED

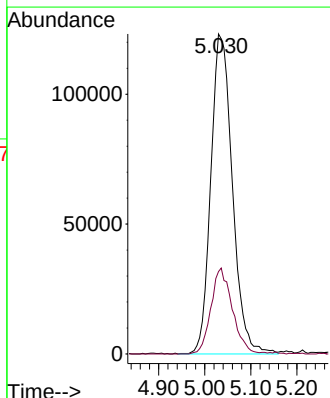
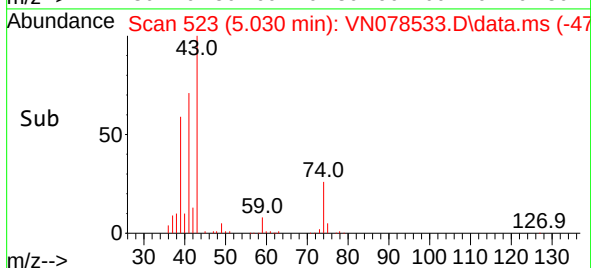
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

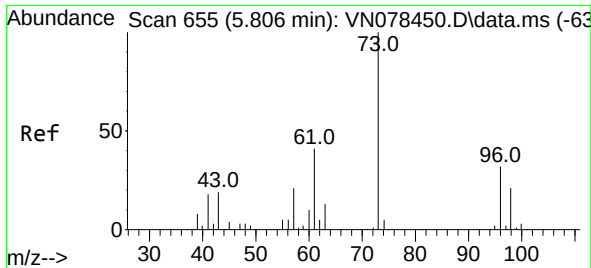


#18
Methyl Acetate
Concen: 48.499 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32



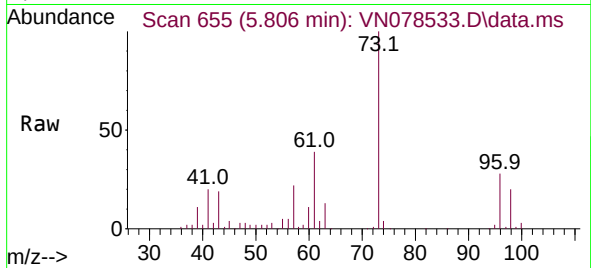
Tgt Ion: 43 Resp: 400438
Ion Ratio Lower Upper
43 100
74 26.6 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 49.846 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

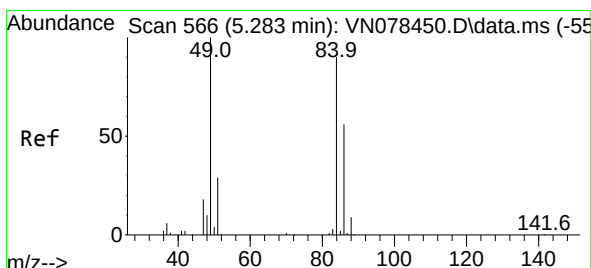
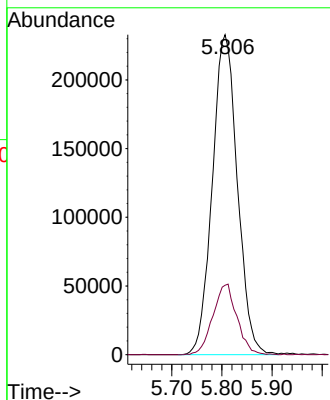
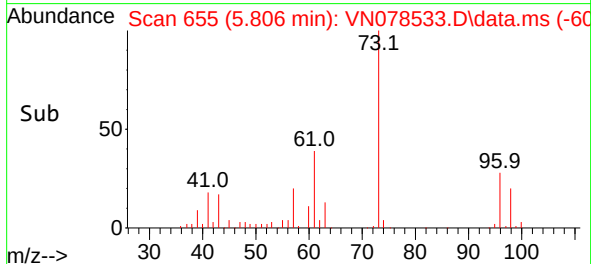
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 80939
Ion Ratio Lower Upper
73 100
57 21.7 15.6 23.4

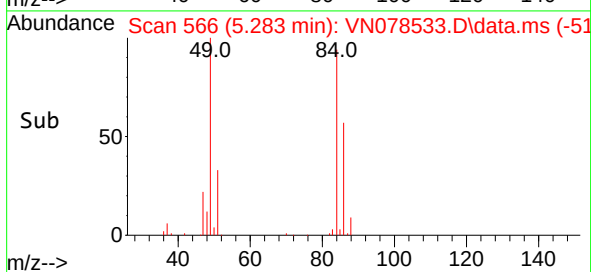
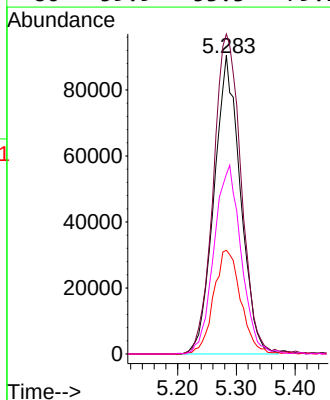
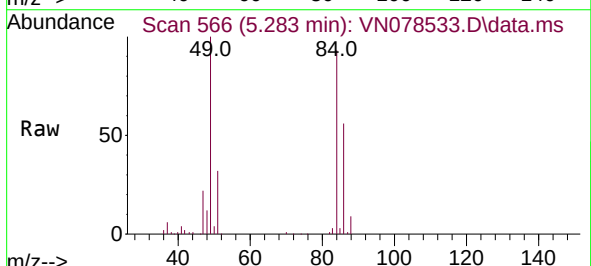
Manual Integrations
APPROVED

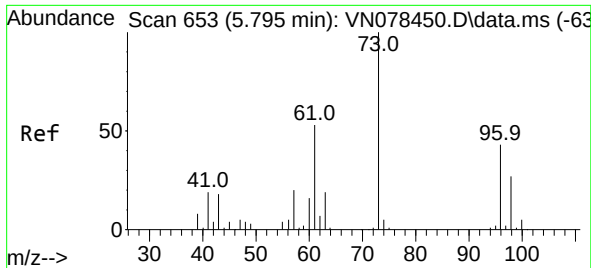
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#20
Methylene Chloride
Concen: 50.316 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

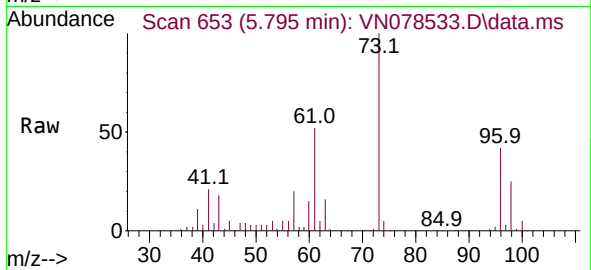
Tgt Ion: 84 Resp: 281454
Ion Ratio Lower Upper
84 100
49 107.1 79.7 119.5
51 34.7 25.2 37.8
86 59.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.185 ug/l
RT: 5.795 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

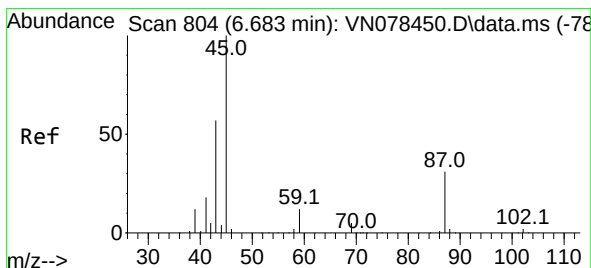
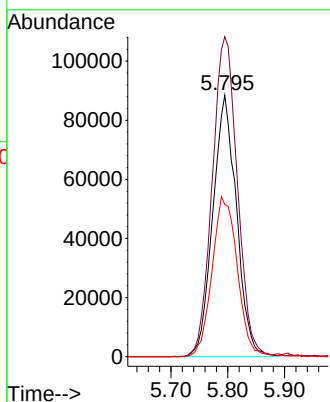
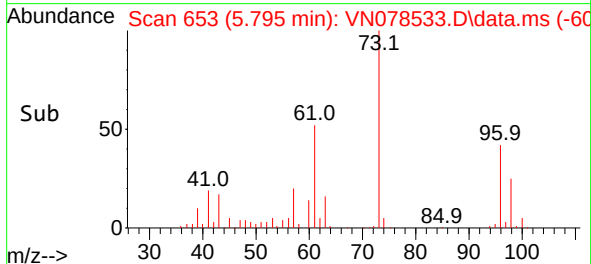
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



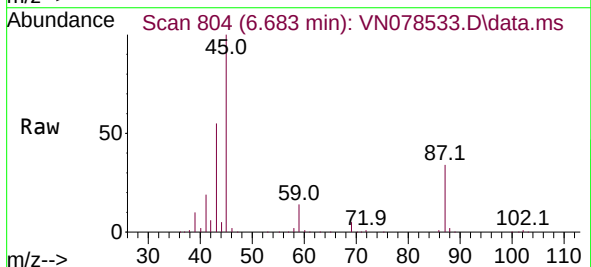
Tgt Ion: 96 Resp: 25649
Ion Ratio Lower Upper
96 100
61 122.4 90.1 135.1
98 58.3 46.4 69.6

Manual Integrations
APPROVED

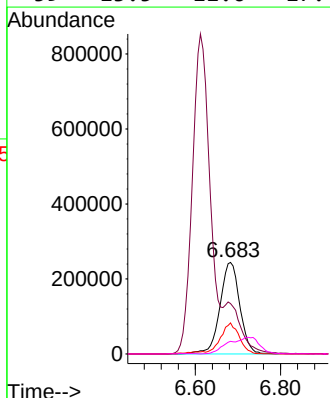
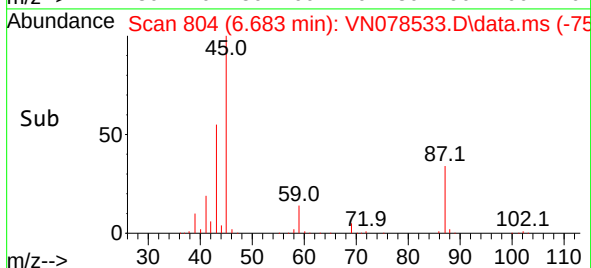
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

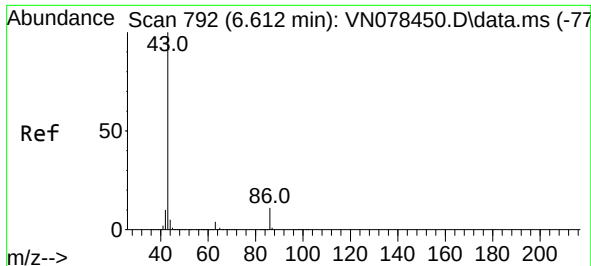


#22
Diisopropyl ether
Concen: 52.324 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32



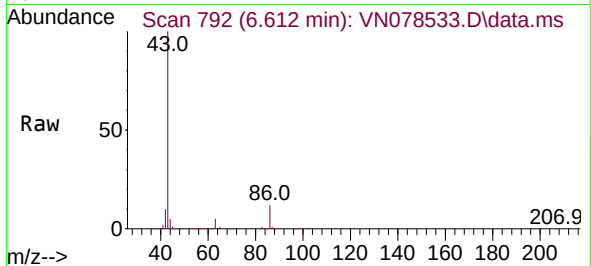
Tgt Ion: 45 Resp: 788991
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 33.8 31.8 47.8
59 13.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 257.480 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32

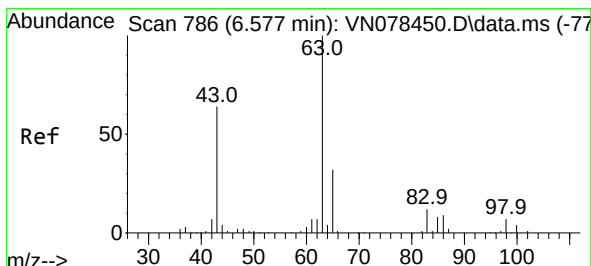
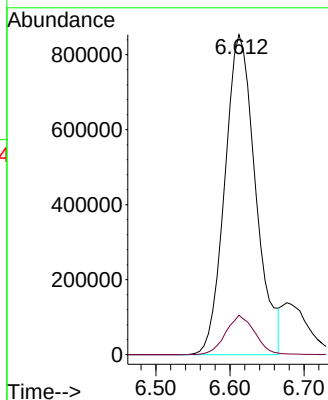
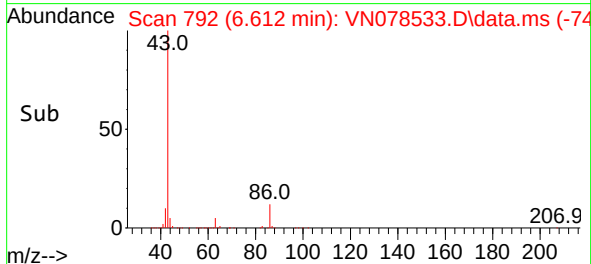
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



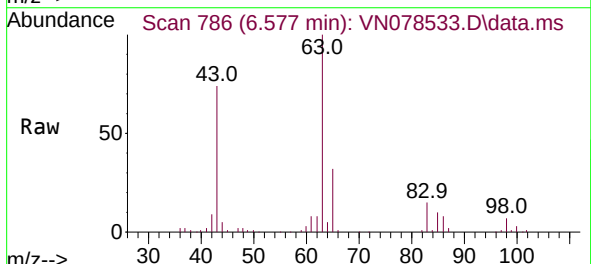
Tgt Ion: 43 Resp: 246826
 Ion Ratio Lower Upper
 43 100
 86 12.3 13.0 19.6

Manual Integrations
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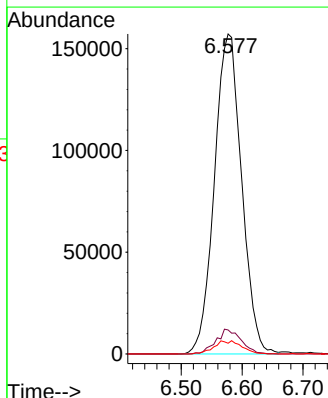
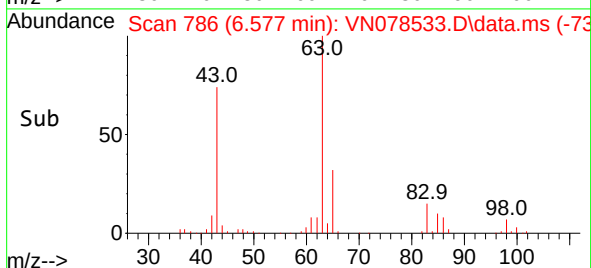
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

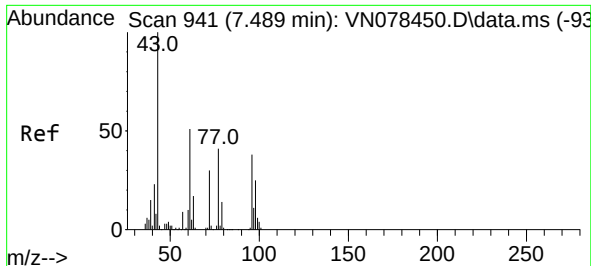


#24
 1,1-Dichloroethane
 Concen: 47.998 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32



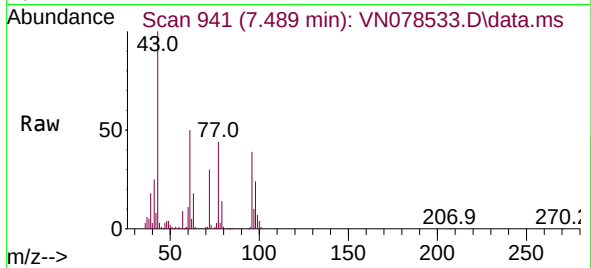
Tgt Ion: 63 Resp: 487689
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 3.3 2.5 7.4





#25
2-Butanone
Concen: 248.574 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

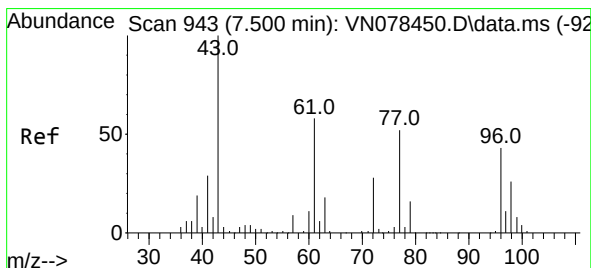
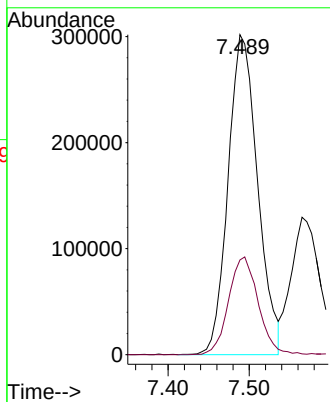
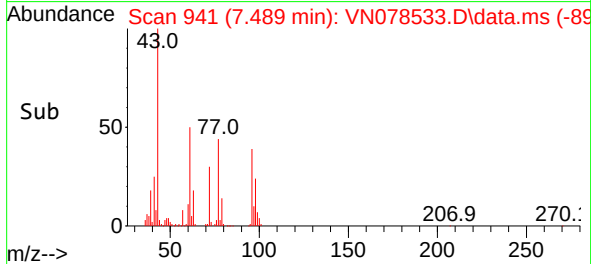
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



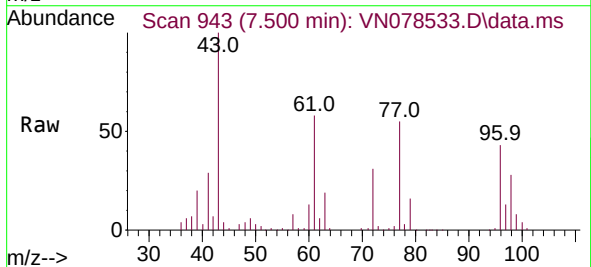
Tgt Ion: 43 Resp: 76318
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2

Manual Integrations
APPROVED

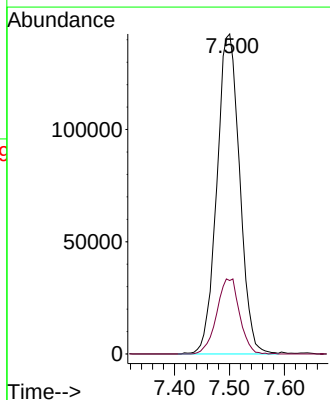
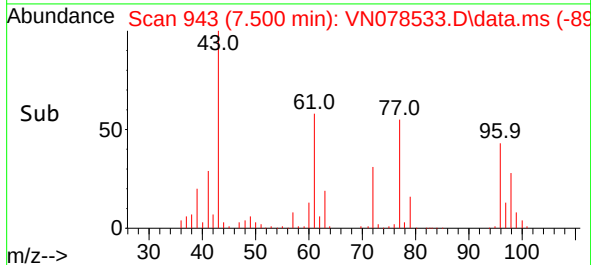
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

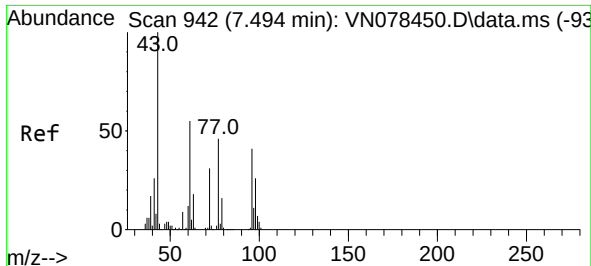


#26
2,2-Dichloropropane
Concen: 49.411 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32



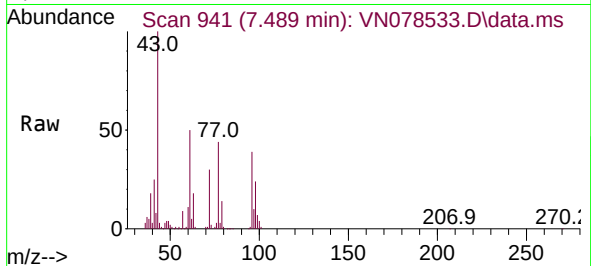
Tgt Ion: 77 Resp: 410623
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.781 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.005 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32

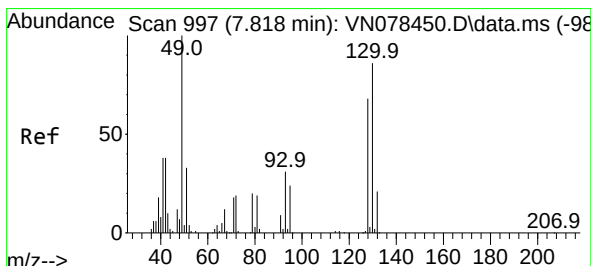
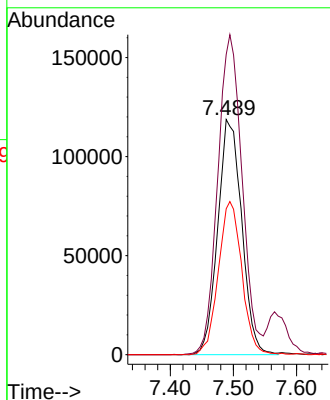
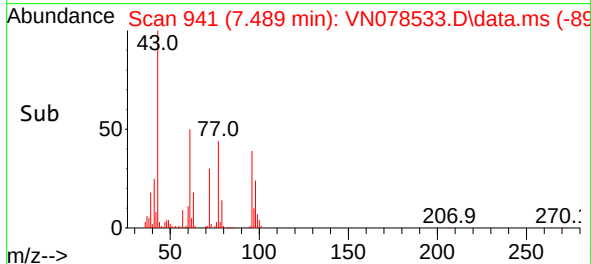
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



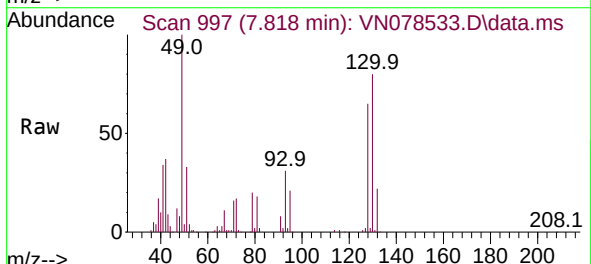
Tgt Ion: 96 Resp: 313398
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 255.2
 98 63.8 0.0 128.8

Manual Integrations
 APPROVED

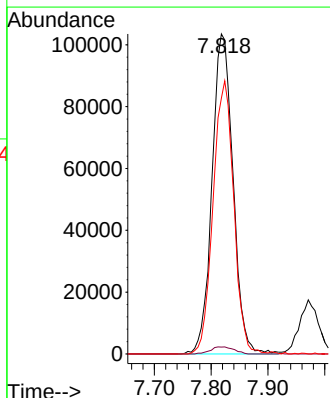
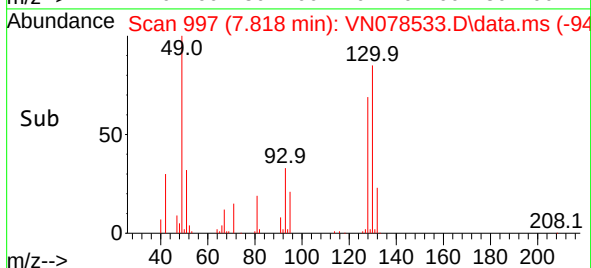
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

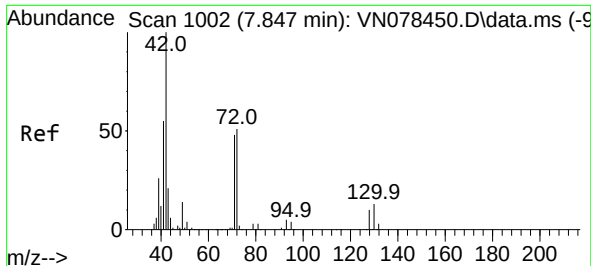


#28
 Bromochloromethane
 Concen: 55.562 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32



Tgt Ion: 49 Resp: 265903
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 83.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 246.973 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 497548

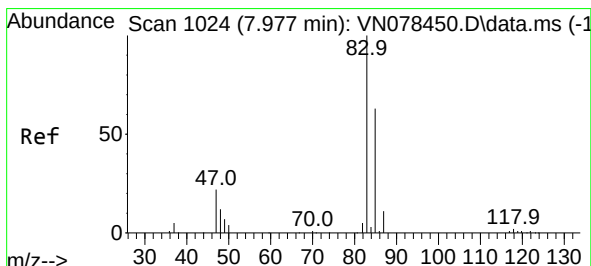
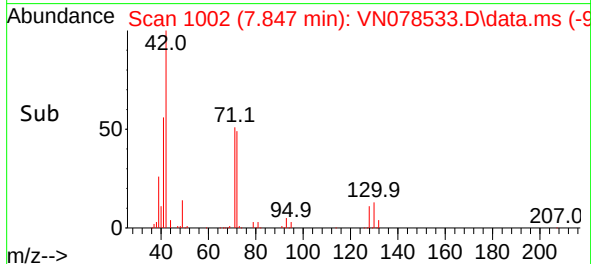
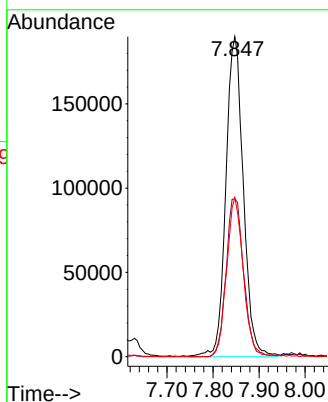
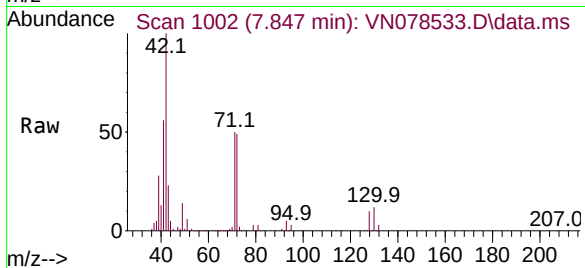
Ion	Ratio	Lower	Upper
42	100		
72	49.9	49.8	74.6
71	47.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#30

Chloroform

Concen: 49.985 ug/l

RT: 7.977 min Scan# 1024

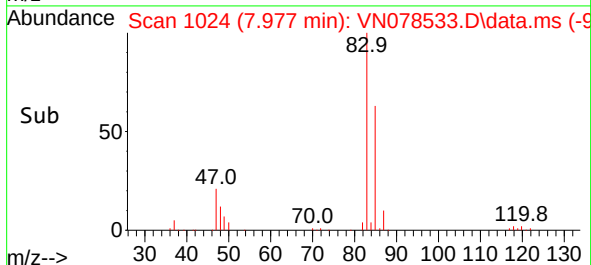
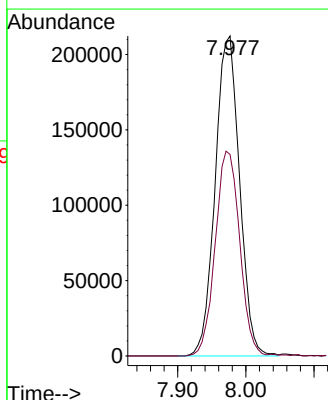
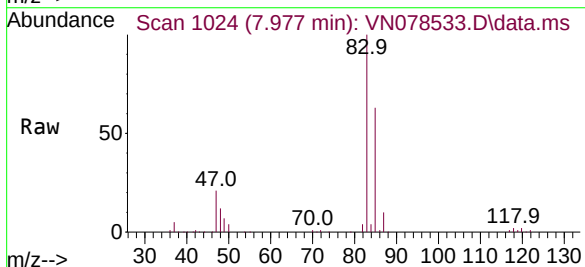
Delta R.T. -0.000 min

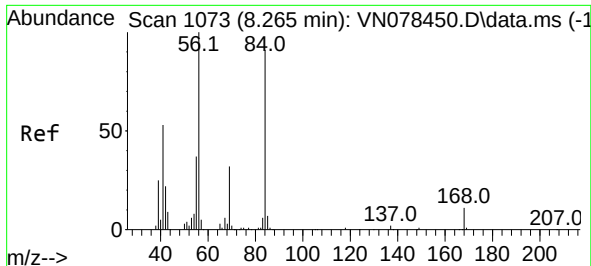
Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Tgt Ion: 83 Resp: 528755

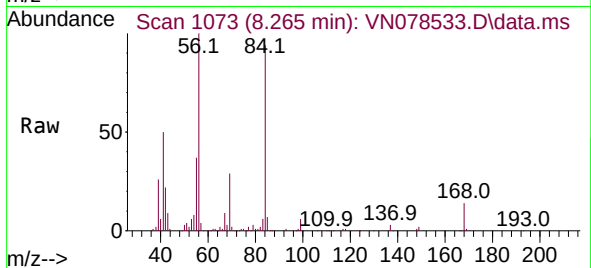
Ion	Ratio	Lower	Upper
83	100		
85	63.0	55.4	83.0





#31
Cyclohexane
Concen: 44.392 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

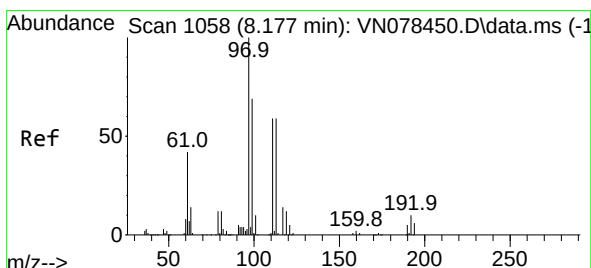
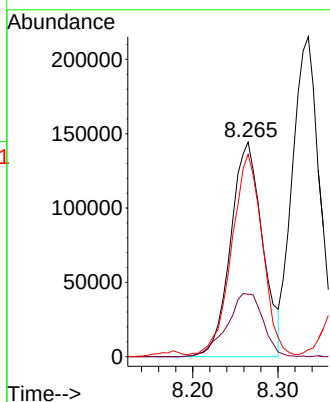
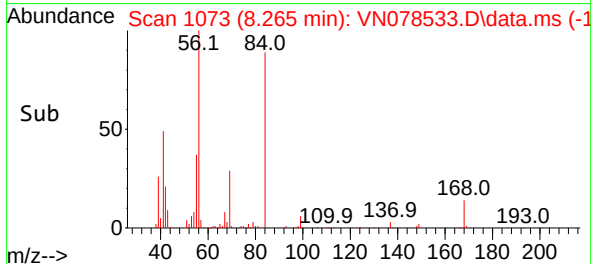
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 37564
Ion Ratio Lower Upper
56 100
69 29.1 26.8 40.2
84 92.4 81.8 122.6

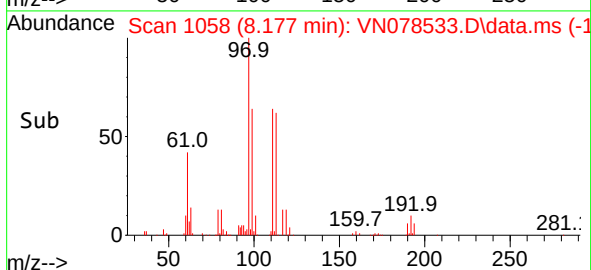
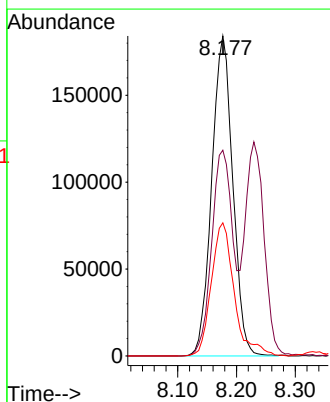
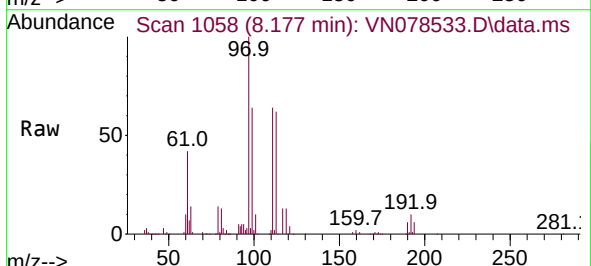
Manual Integrations
APPROVED

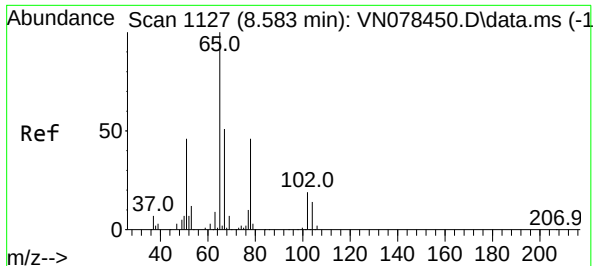
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#32
1,1,1-Trichloroethane
Concen: 48.249 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 97 Resp: 457597
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 45.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.703 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 31121

Ion Ratio Lower Upper

65 100

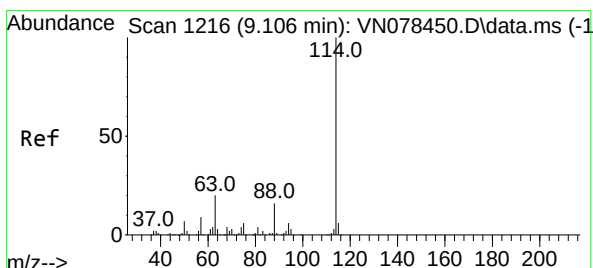
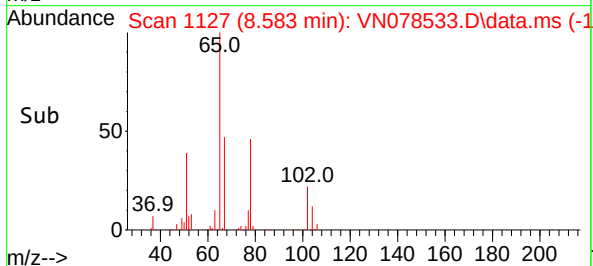
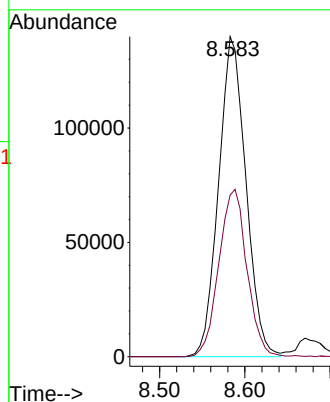
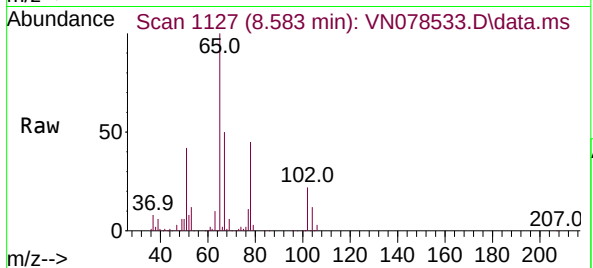
67 53.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

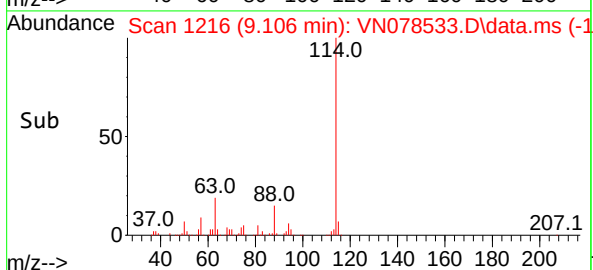
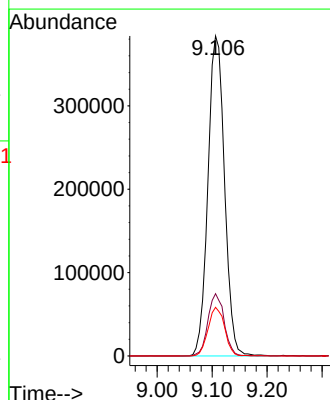
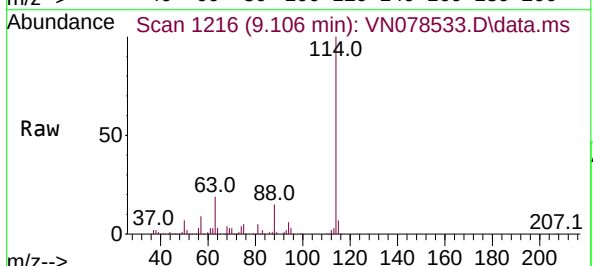
Tgt Ion:114 Resp: 805887

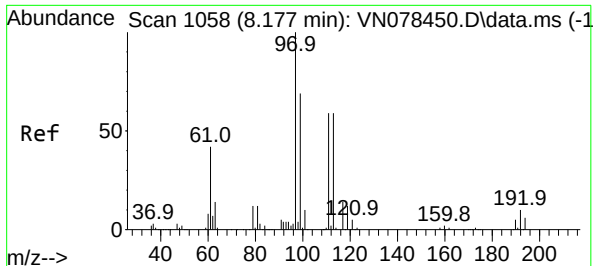
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.917 ug/l

RT: 8.171 min Scan# 1058

Delta R.T. -0.006 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 273074

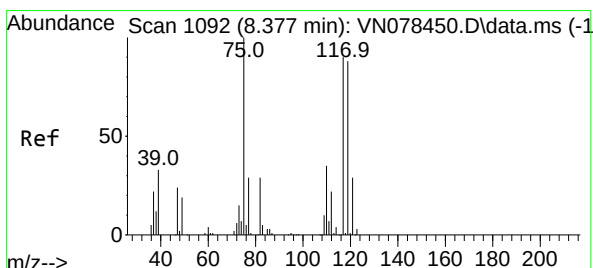
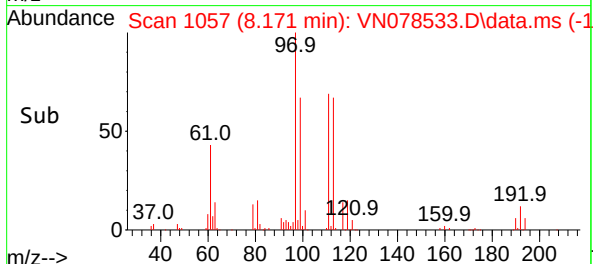
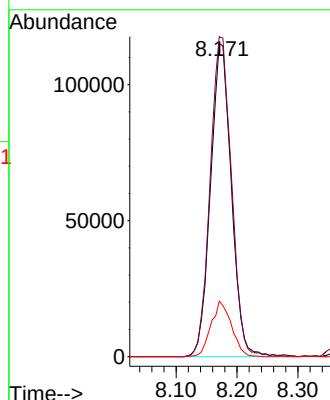
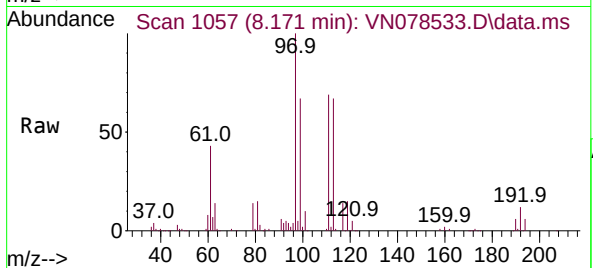
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.6	123.8
192	17.4	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 07/18/2023

Supervised By : Mahesh Dadoda 07/18/2023



#36

1,1-Dichloropropene

Concen: 46.581 ug/l

RT: 8.377 min Scan# 1092

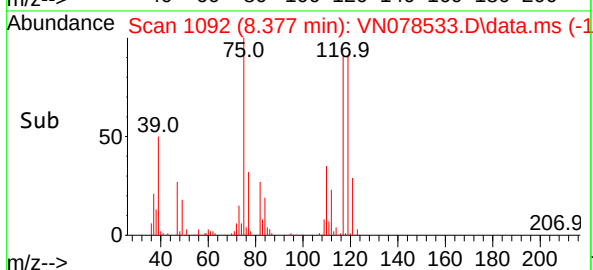
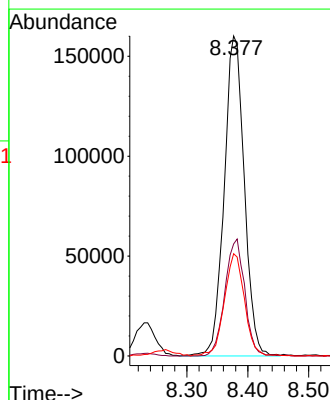
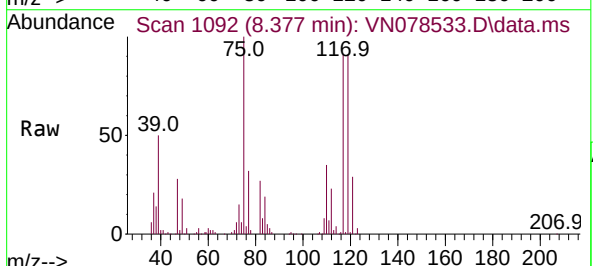
Delta R.T. -0.000 min

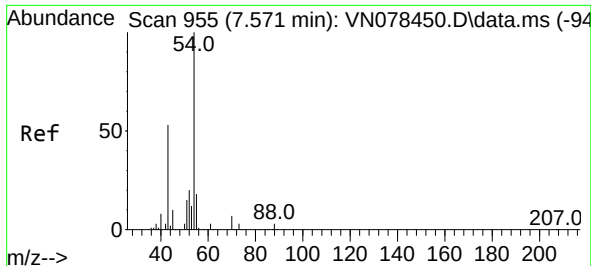
Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Tgt Ion: 75 Resp: 367947

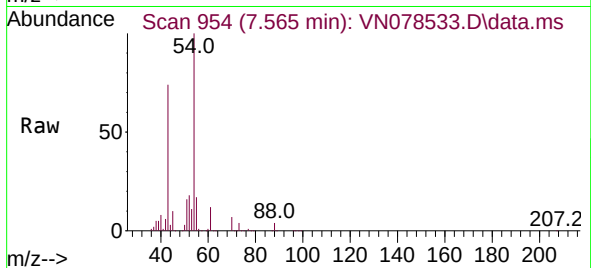
Ion	Ratio	Lower	Upper
75	100		
110	36.0	19.1	57.3
77	32.1	25.0	37.4





#37
Ethyl Acetate
Concen: 49.826 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

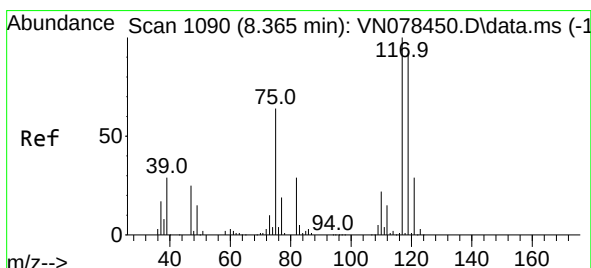
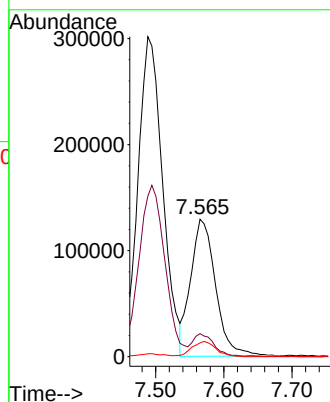
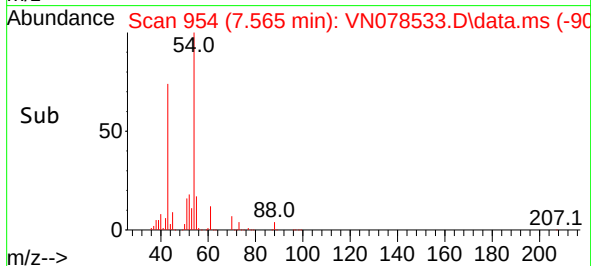
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 328092
Ion Ratio Lower Upper
43 100
61 13.5 13.2 19.8
70 10.7 11.3 16.9

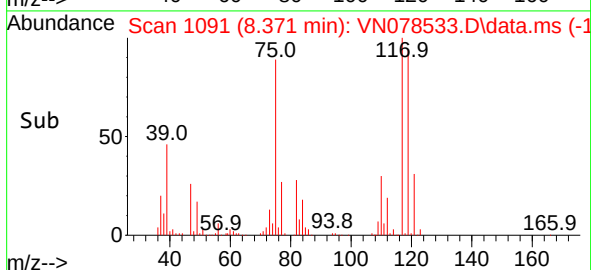
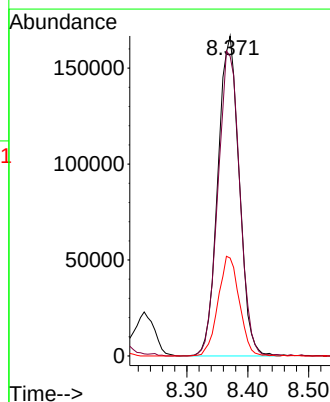
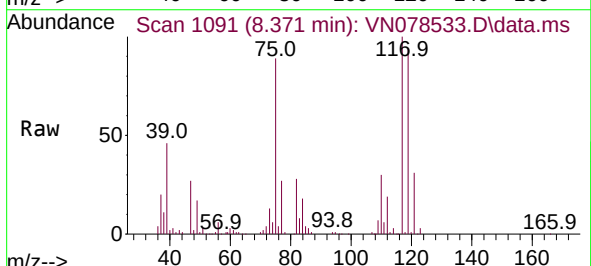
Manual Integrations
APPROVED

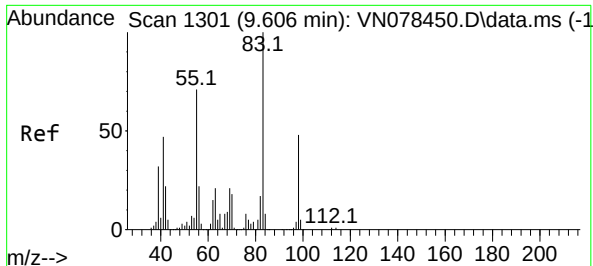
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#38
Carbon Tetrachloride
Concen: 47.425 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

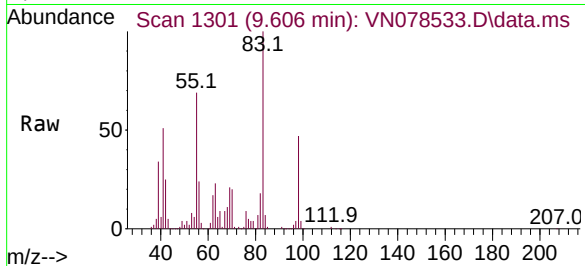
Tgt Ion:117 Resp: 407142
Ion Ratio Lower Upper
117 100
119 93.6 77.3 115.9
121 30.6 23.3 34.9





#39
Methylcyclohexane
Concen: 47.934 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

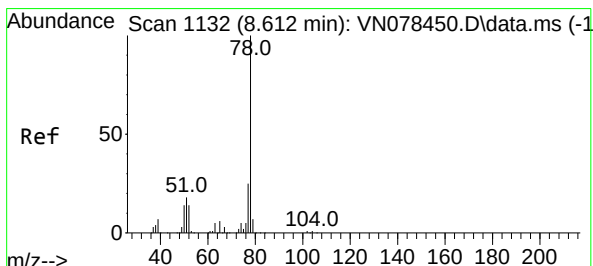
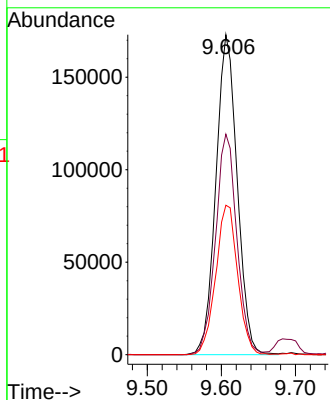
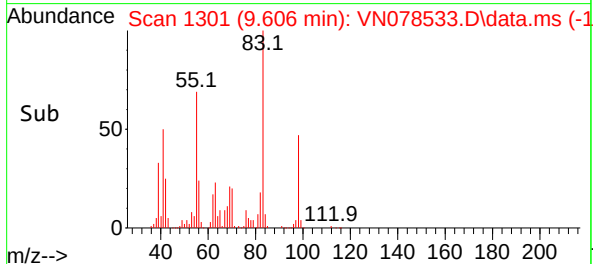
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 34561
Ion Ratio Lower Upper
83 100
55 68.9 49.1 73.7
98 46.7 40.6 61.0

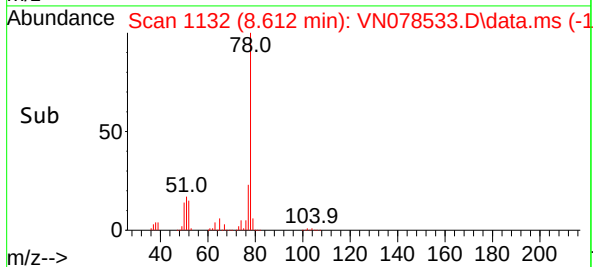
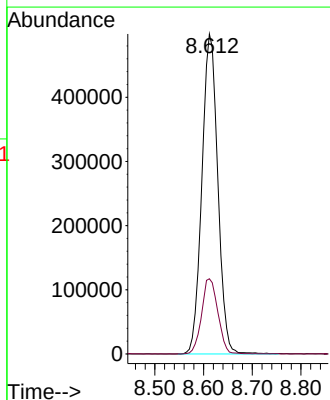
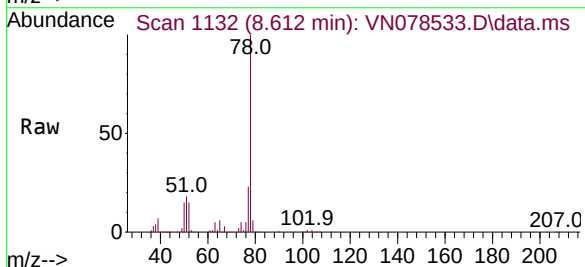
Manual Integrations
APPROVED

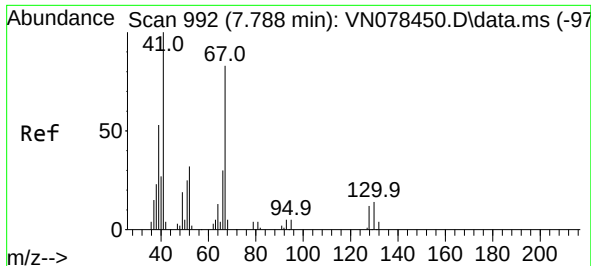
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#40
Benzene
Concen: 48.240 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

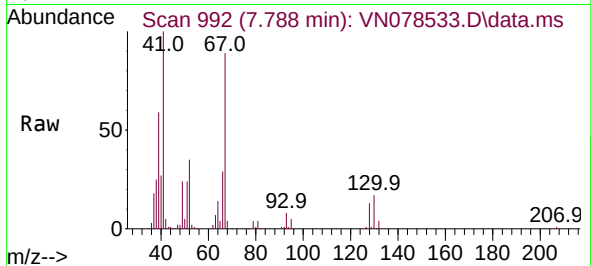
Tgt Ion: 78 Resp: 1128894
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 50.612 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

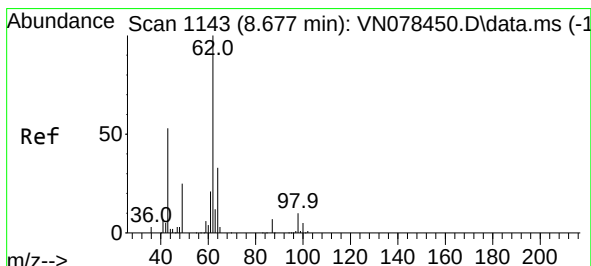
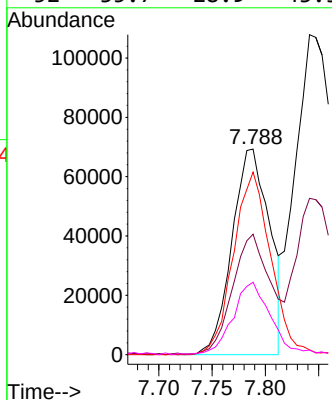
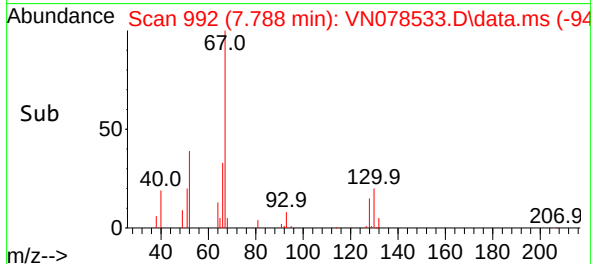
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



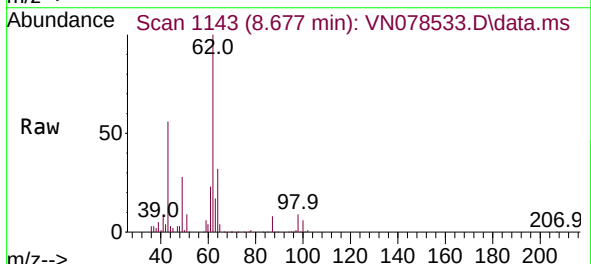
Tgt Ion: 41 Resp: 169898
Ion Ratio Lower Upper
41 100
39 61.1 42.6 64.0
67 88.2 77.5 116.3
52 35.7 28.9 43.3

Manual Integrations
APPROVED

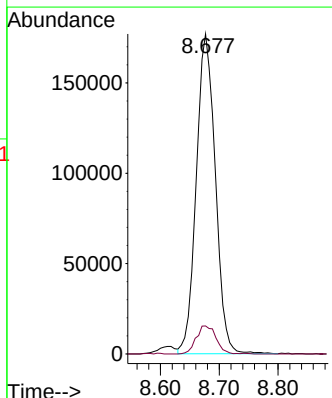
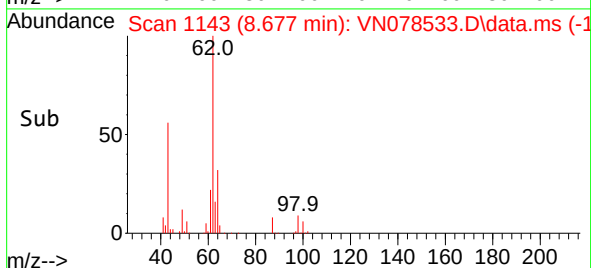
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

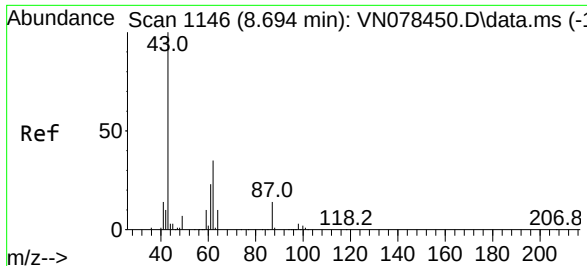


#42
1,2-Dichloroethane
Concen: 50.000 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32



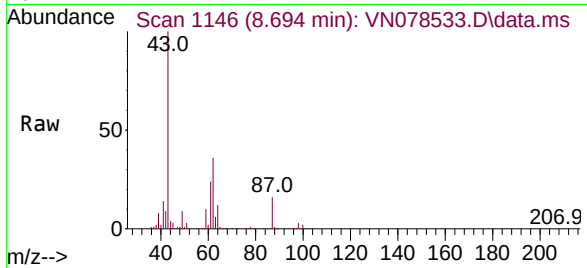
Tgt Ion: 62 Resp: 397985
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 50.737 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

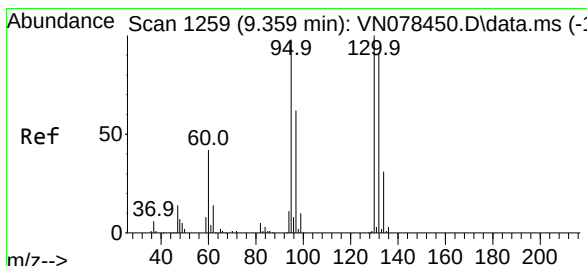
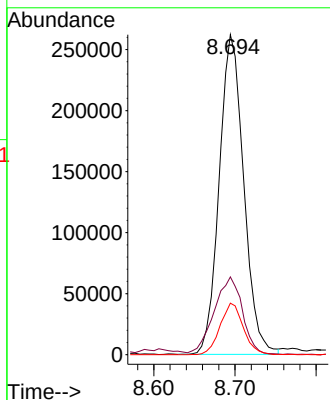
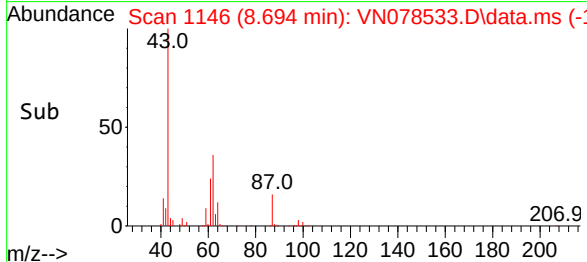
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 550049
Ion Ratio Lower Upper
43 100
61 28.0 24.7 37.1
87 15.3 14.6 21.8

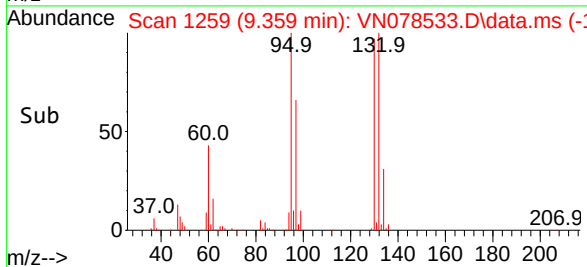
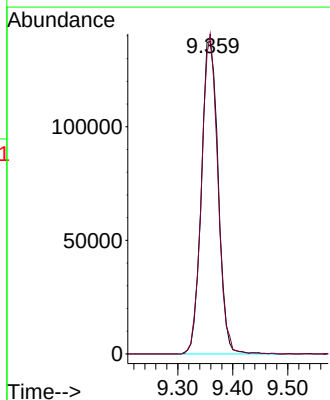
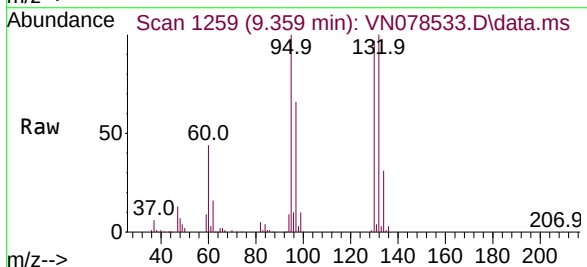
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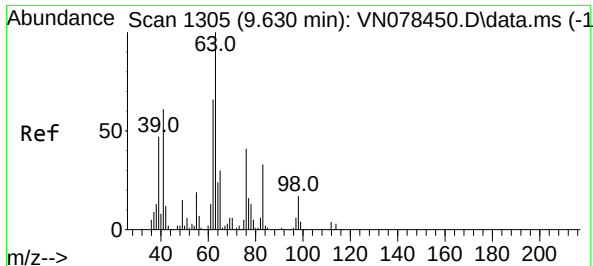
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#44
Trichloroethene
Concen: 46.448 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion:130 Resp: 292954
Ion Ratio Lower Upper
130 100
95 102.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.542 ug/l

RT: 9.630 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 29956

Ion Ratio Lower Upper

63 100

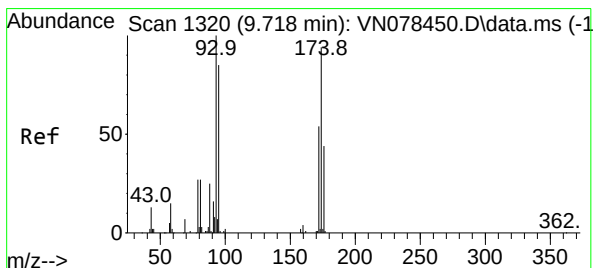
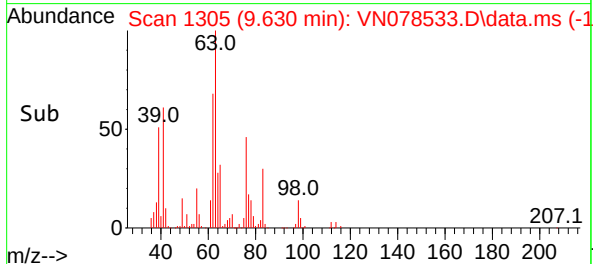
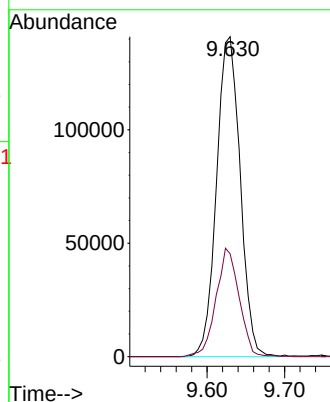
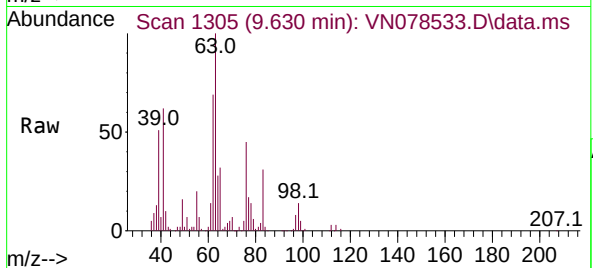
65 32.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 50.092 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

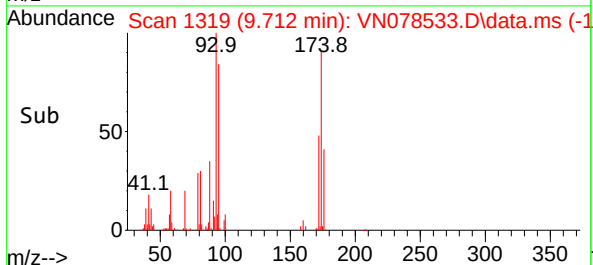
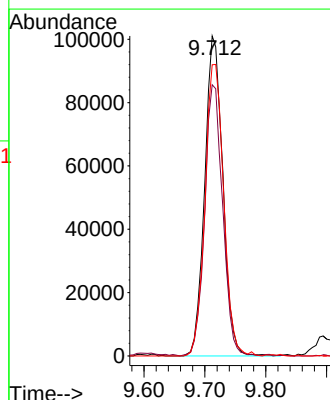
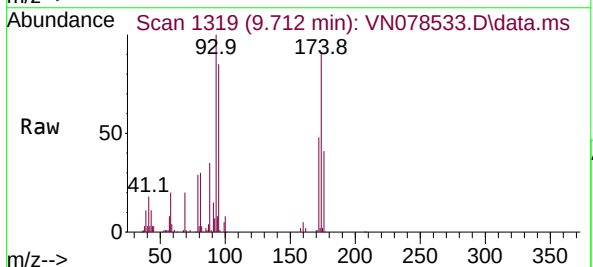
Tgt Ion: 93 Resp: 208963

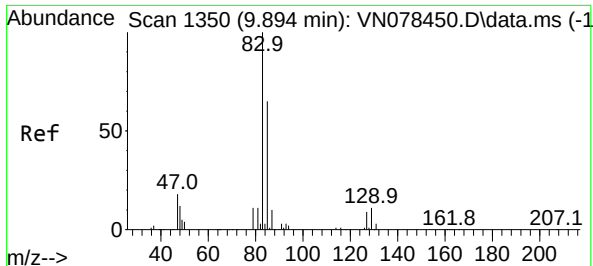
Ion Ratio Lower Upper

93 100

95 84.1 63.8 95.8

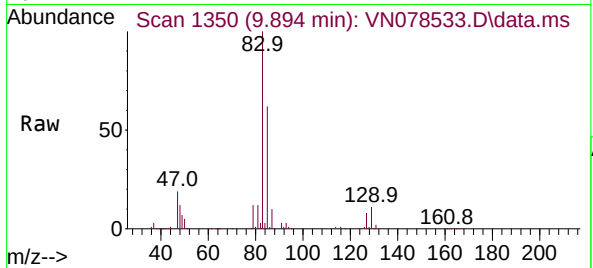
174 94.1 65.6 98.4





#47
Bromodichloromethane
Concen: 50.969 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

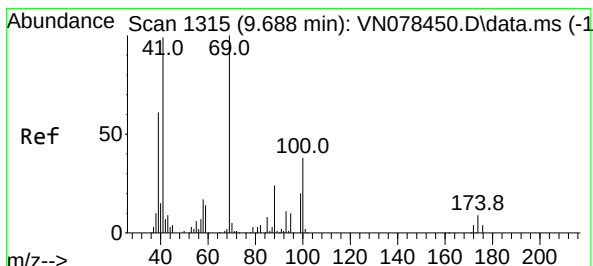
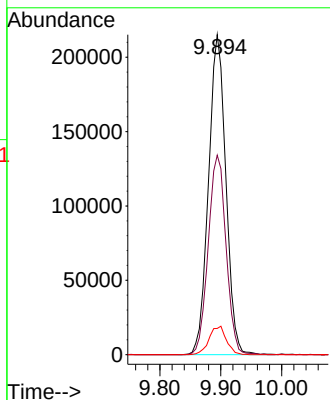
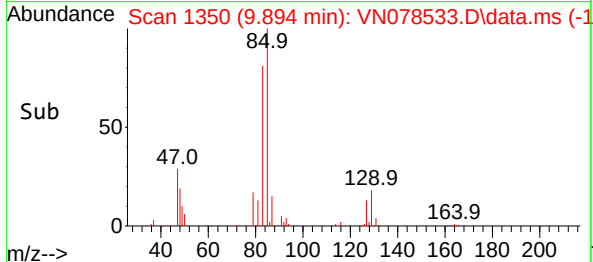
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 42622
Ion Ratio Lower Upper
83 100
85 62.3 49.6 74.4
127 8.2 7.0 10.6

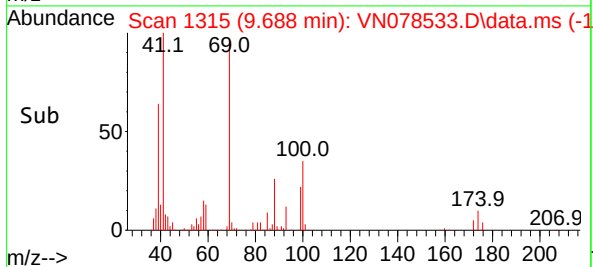
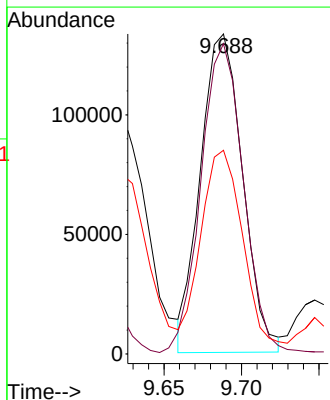
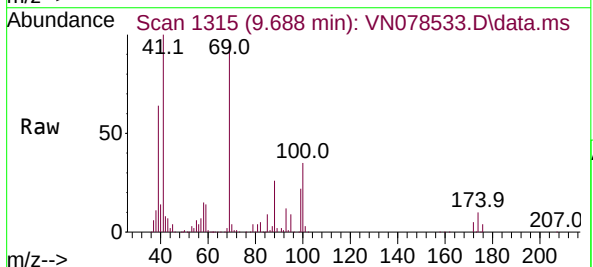
Manual Integrations
APPROVED

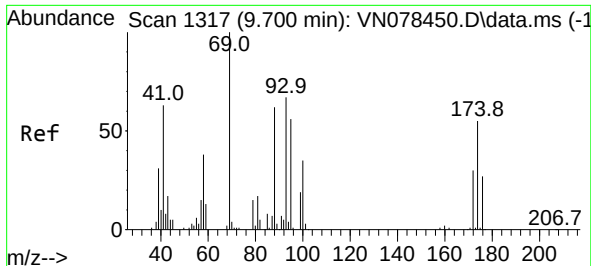
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#48
Methyl methacrylate
Concen: 50.226 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 41 Resp: 252263
Ion Ratio Lower Upper
41 100
69 99.3 90.4 135.6
39 64.8 54.6 81.8





#49

1,4-Dioxane

Concen: 993.872 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078533.D

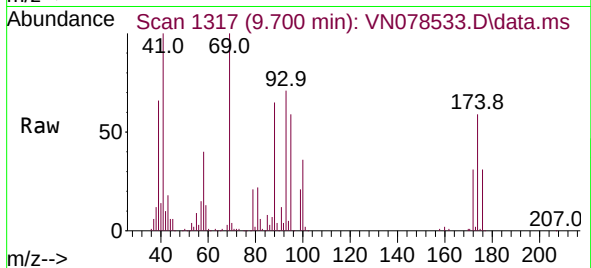
Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 88 Resp: 10886

Ion Ratio Lower Upper

88 100

43 24.5 17.0 25.6

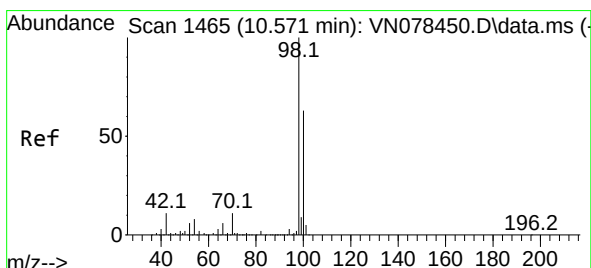
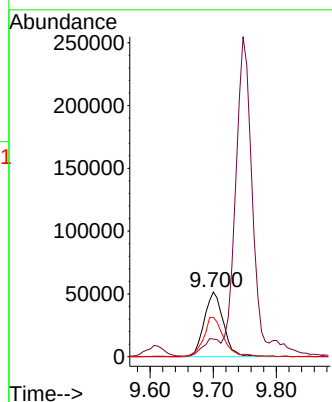
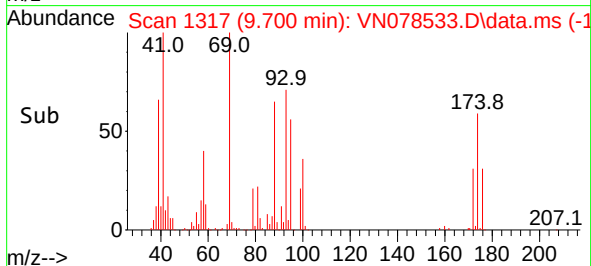
58 63.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#50

Toluene-d8

Concen: 48.820 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078533.D

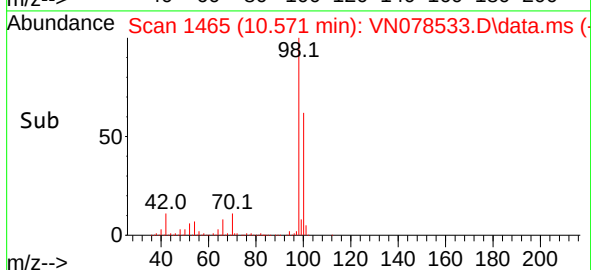
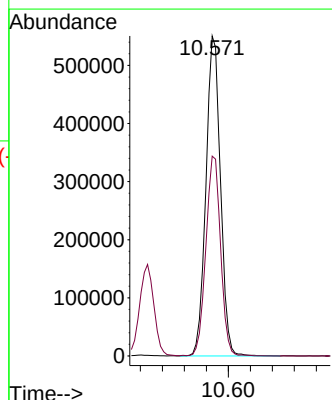
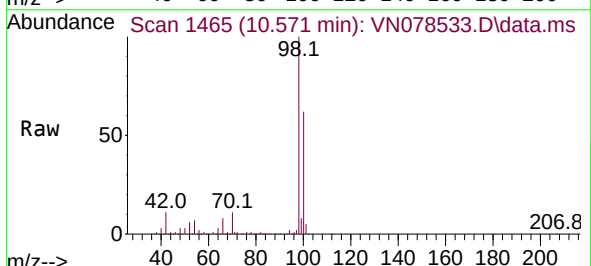
Acq: 17 Jul 2023 10:32

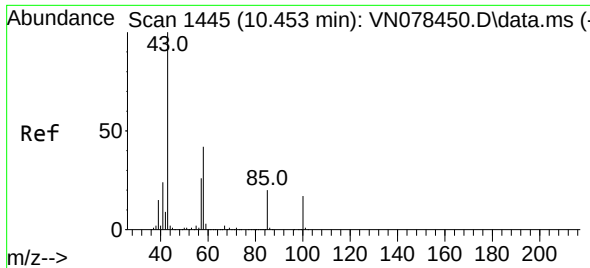
Tgt Ion: 98 Resp: 1008933

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0





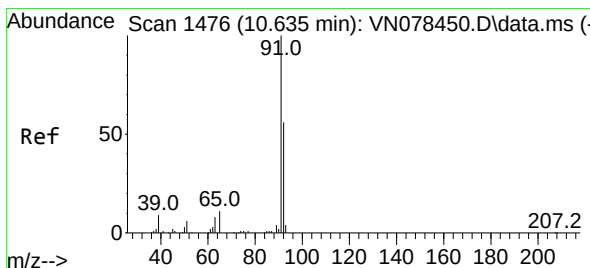
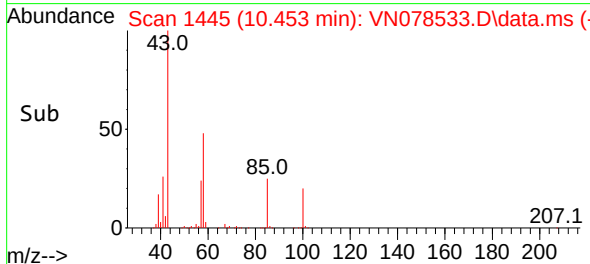
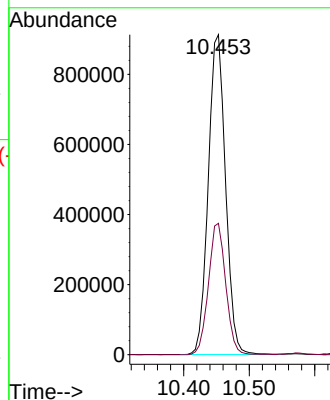
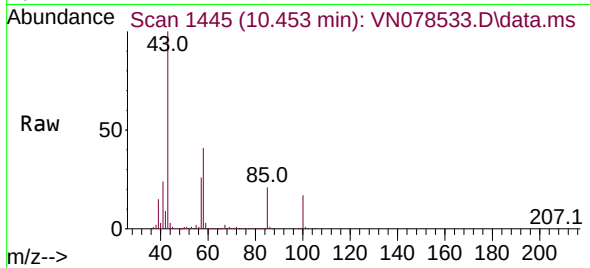
#51
4-Methyl-2-Pentanone
Concen: 259.193 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 167137
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8

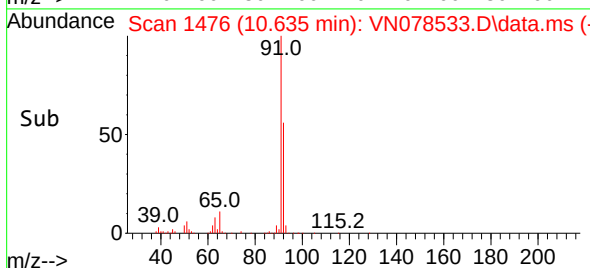
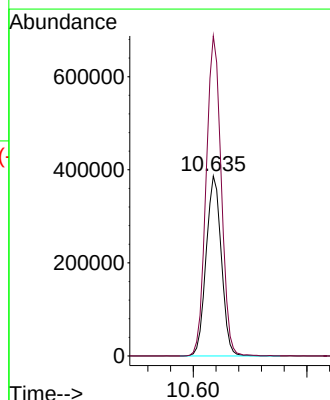
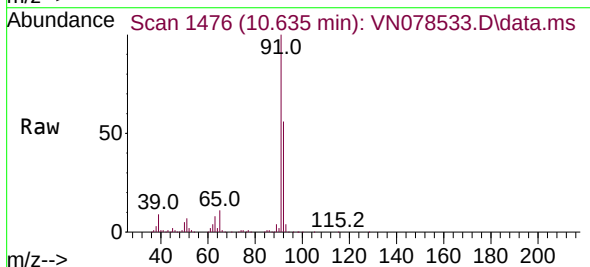
Manual Integrations
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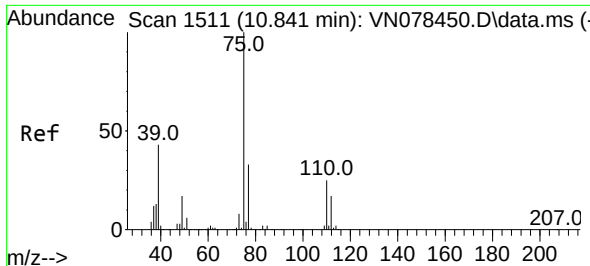
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#52
Toluene
Concen: 49.410 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

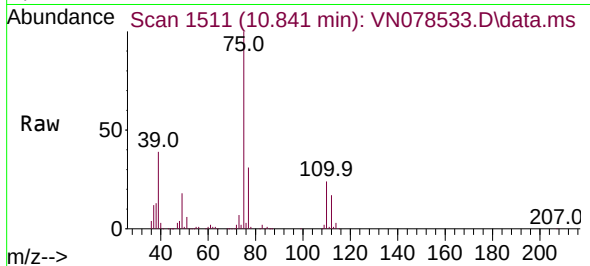
Tgt Ion: 92 Resp: 716637
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 52.138 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

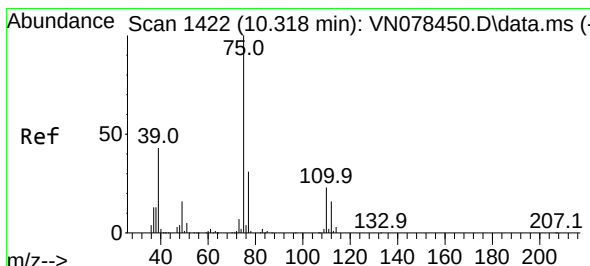
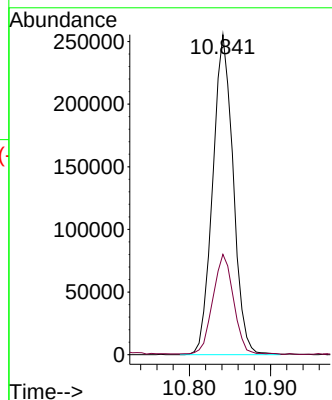
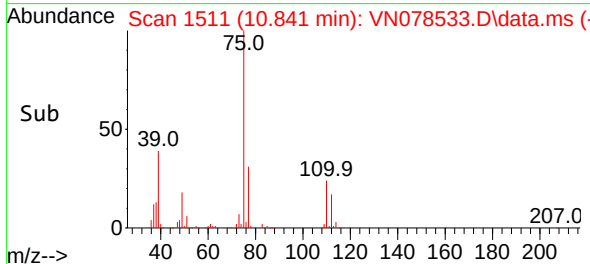
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 446659
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

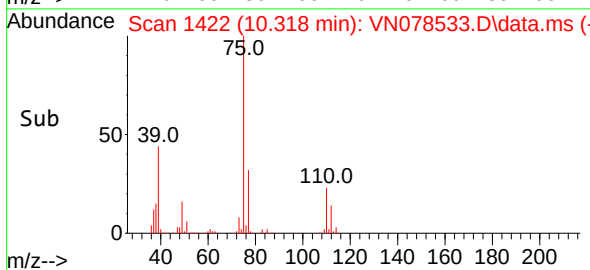
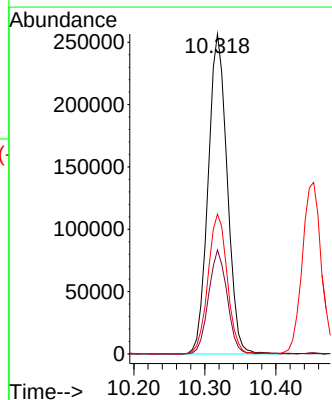
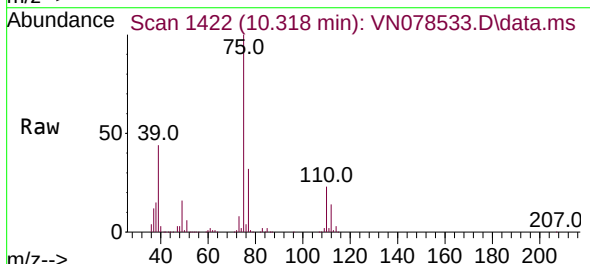
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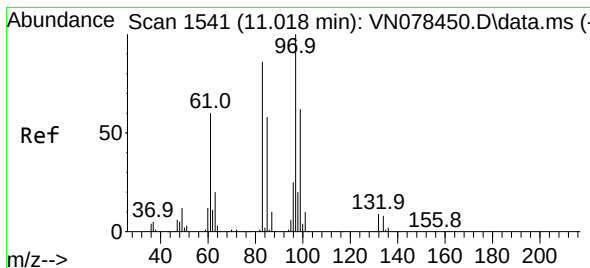
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#54
cis-1,3-Dichloropropene
Concen: 52.345 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion: 75 Resp: 478005
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
39 43.7 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 51.209 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 292629

Ion Ratio Lower Upper

97 100

83 85.6 65.1 97.7

85 56.0 43.4 65.2

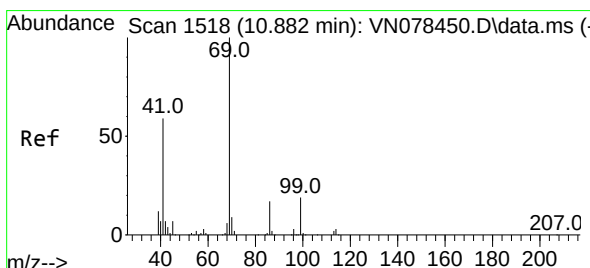
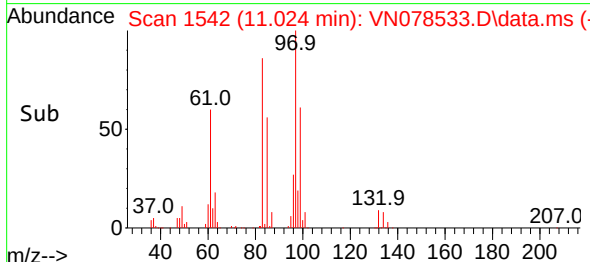
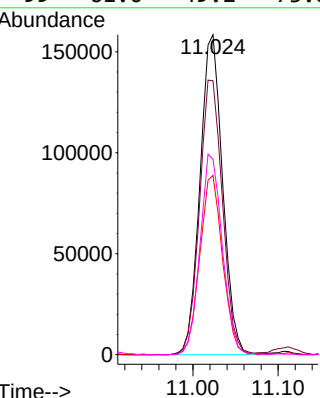
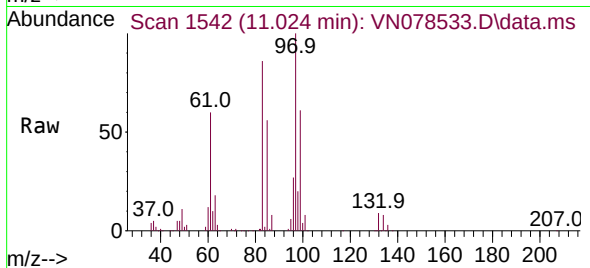
99 61.0 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#56

Ethyl methacrylate

Concen: 52.913 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.005 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

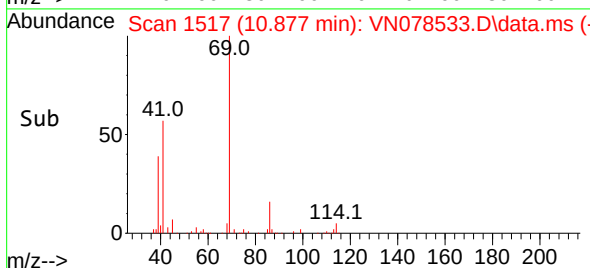
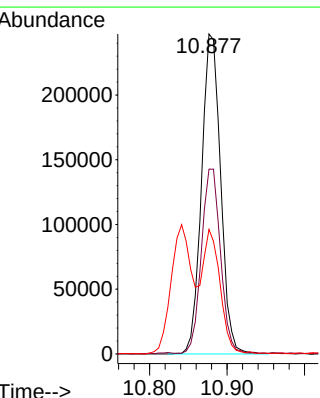
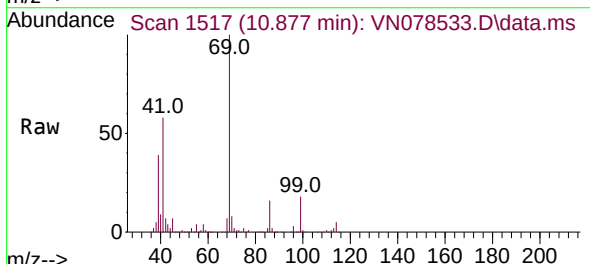
Tgt Ion: 69 Resp: 422671

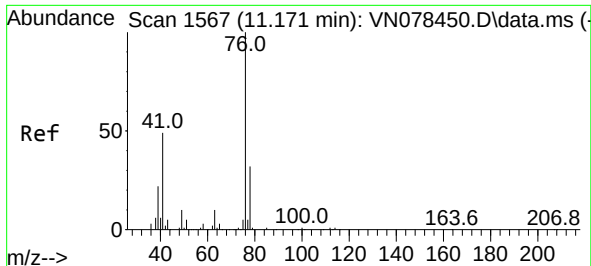
Ion Ratio Lower Upper

69 100

41 57.6 39.6 59.4

39 37.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 49.604 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 481969

Ion Ratio Lower Upper

76 100

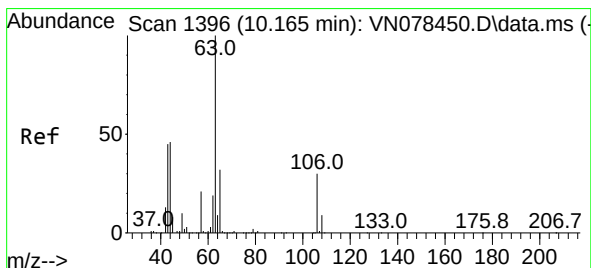
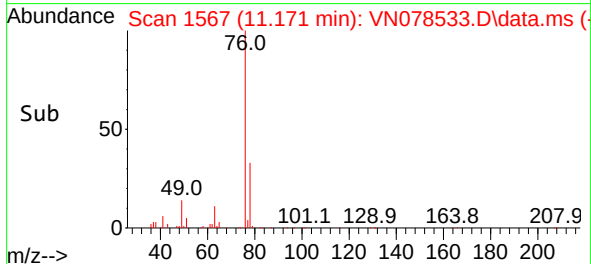
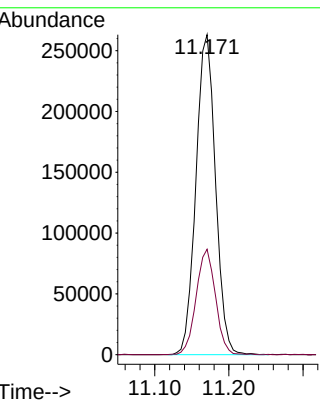
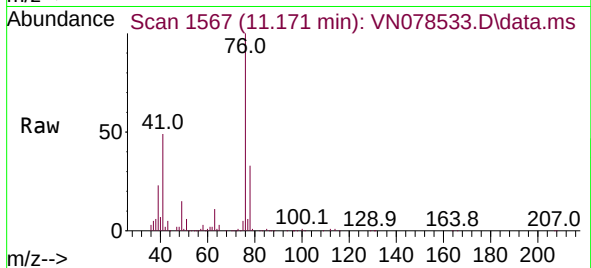
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 270.484 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078533.D

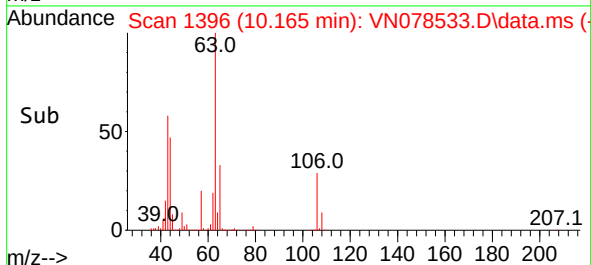
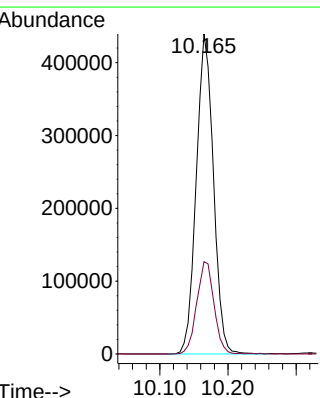
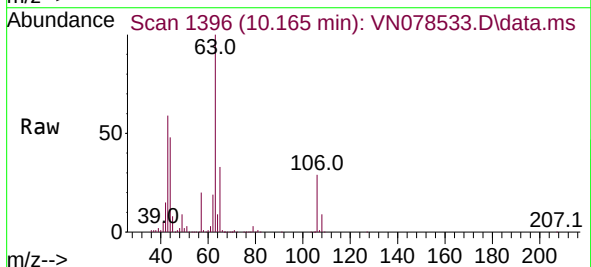
Acq: 17 Jul 2023 10:32

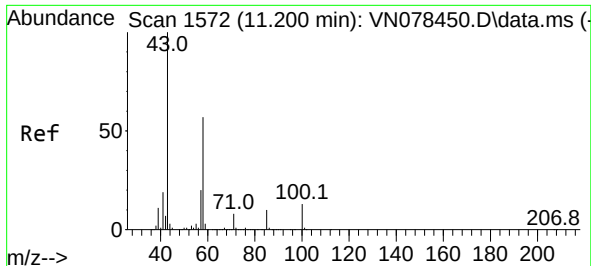
Tgt Ion: 63 Resp: 769999

Ion Ratio Lower Upper

63 100

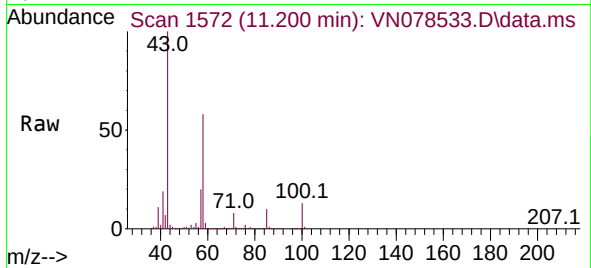
106 29.0 26.2 39.4





#59
2-Hexanone
Concen: 255.793 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

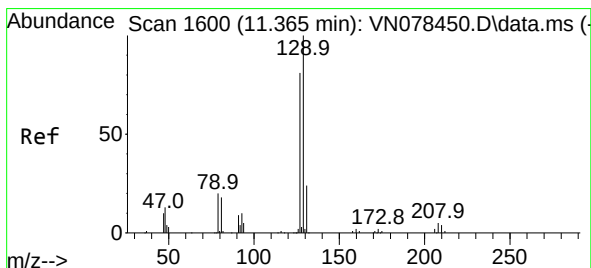
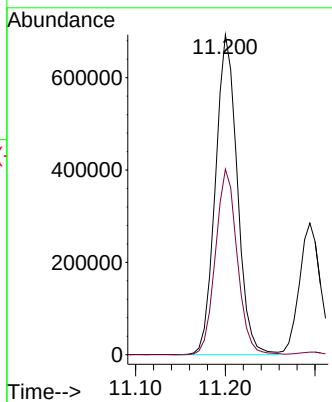
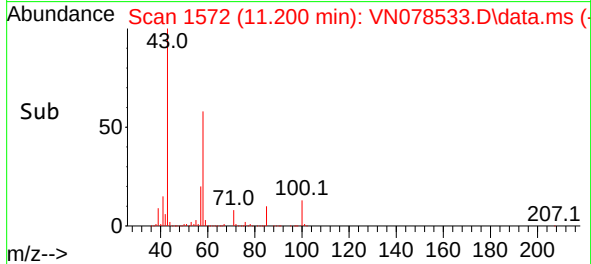
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 117228
Ion Ratio Lower Upper
43 100
58 57.6 31.7 95.1

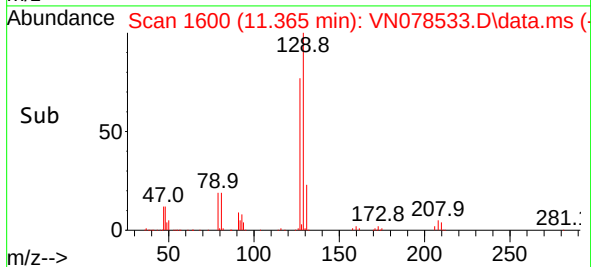
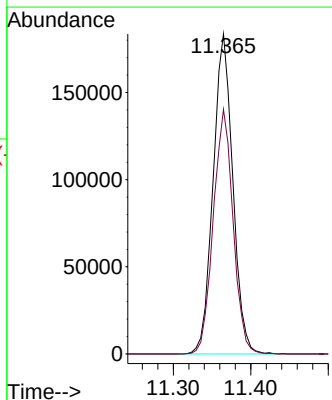
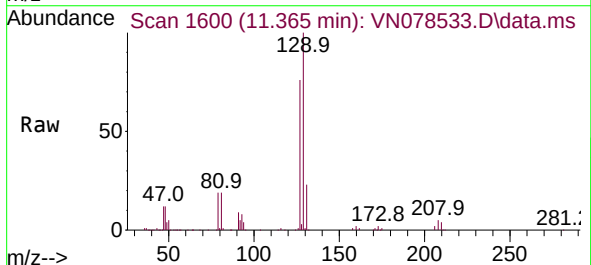
Manual Integrations
APPROVED

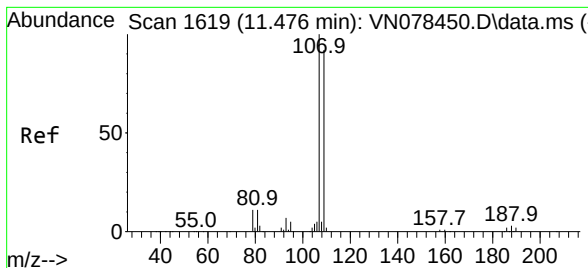
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#60
Dibromochloromethane
Concen: 51.508 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

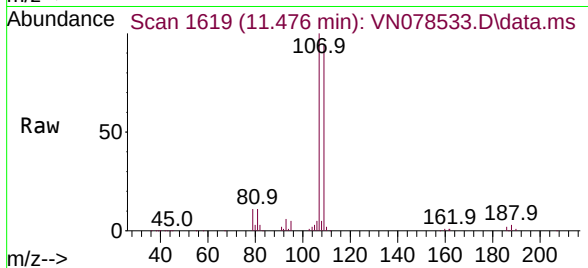
Tgt Ion:129 Resp: 324941
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.468 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

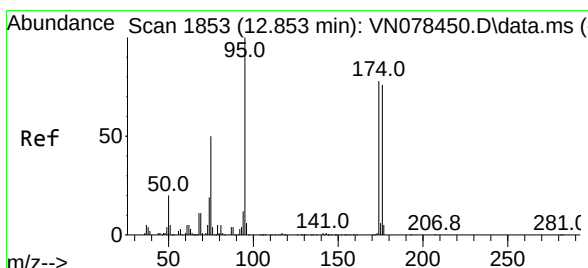
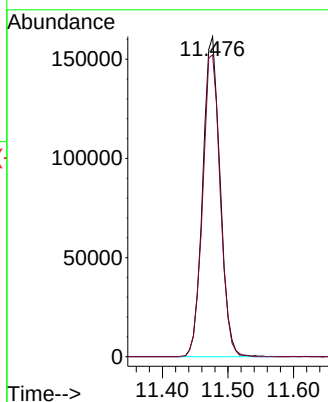
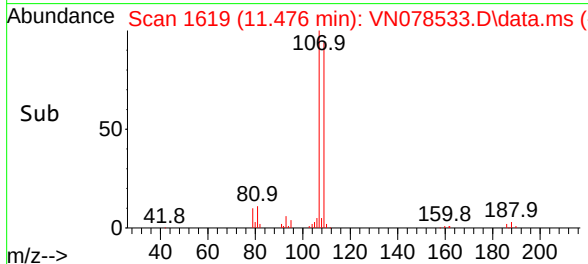
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



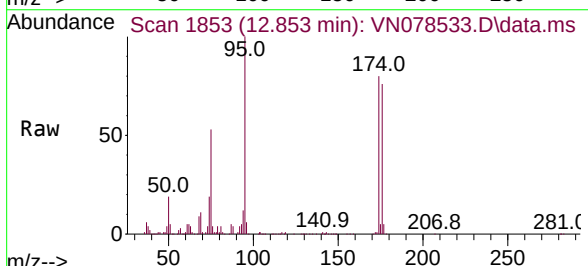
Tgt Ion:107 Resp: 297084
Ion Ratio Lower Upper
107 100
109 95.6 76.6 114.8

Manual Integrations
APPROVED

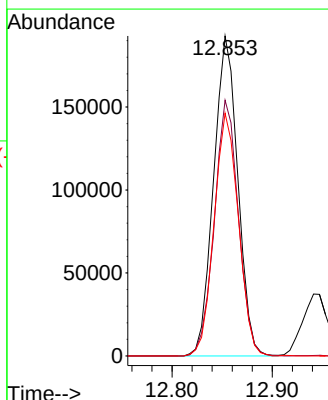
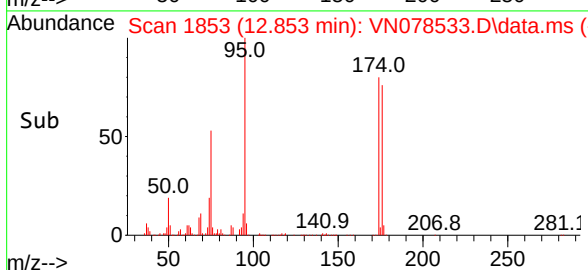
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

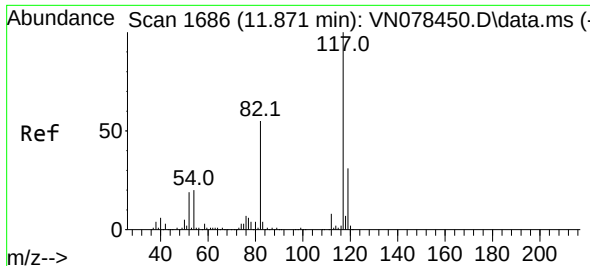


#62
4-Bromofluorobenzene
Concen: 50.613 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32



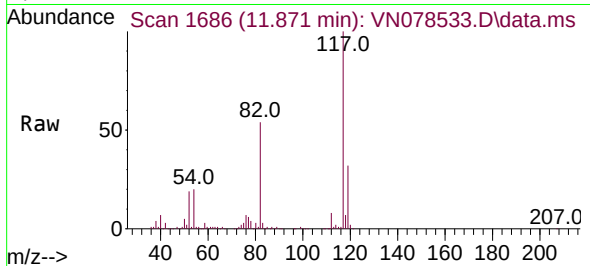
Tgt Ion: 95 Resp: 322184
Ion Ratio Lower Upper
95 100
174 79.3 0.0 143.8
176 76.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

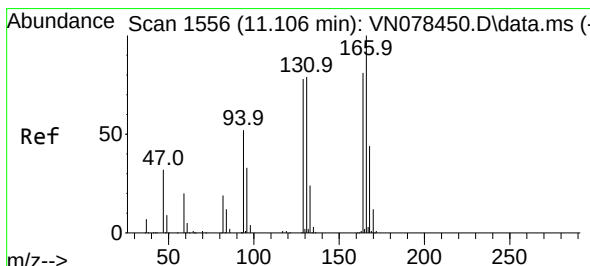
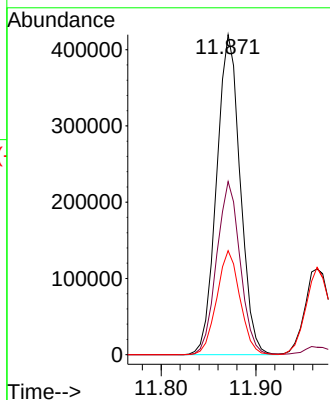
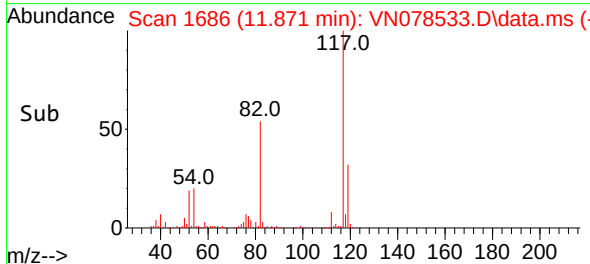
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 727834
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 32.5 25.6 38.4

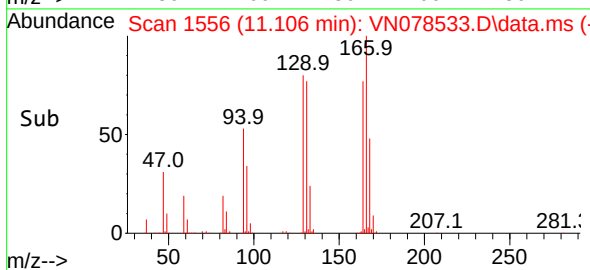
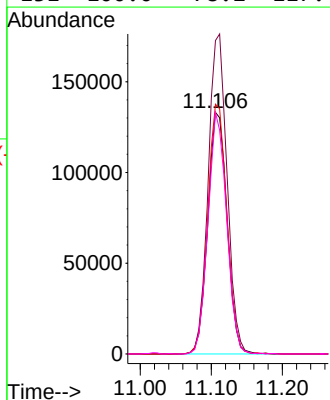
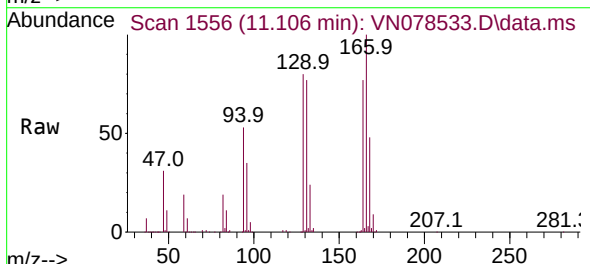
Manual Integrations
APPROVED

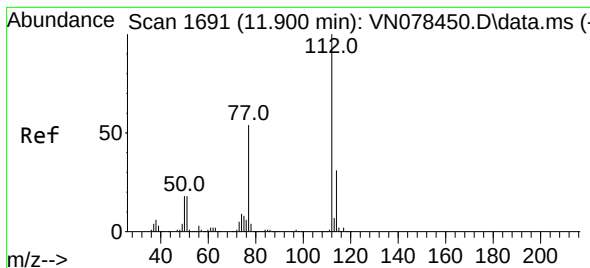
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#64
Tetrachloroethene
Concen: 45.918 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion:164 Resp: 251266
Ion Ratio Lower Upper
164 100
166 129.8 101.4 152.0
129 103.4 82.4 123.6
131 100.0 78.2 117.4





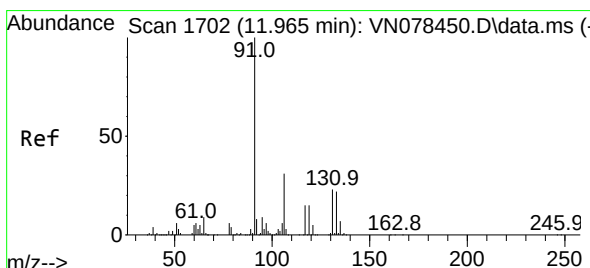
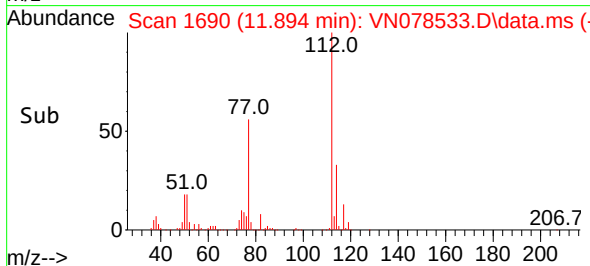
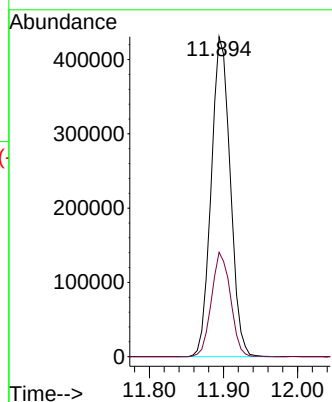
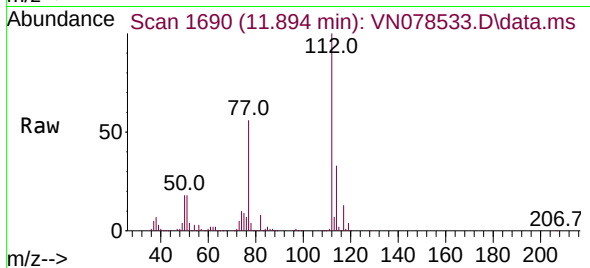
#65
Chlorobenzene
Concen: 47.271 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 76904
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4

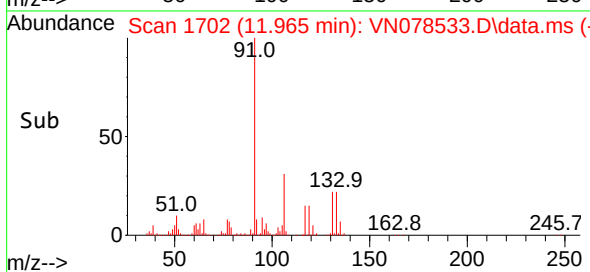
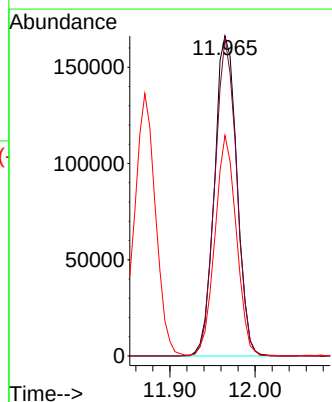
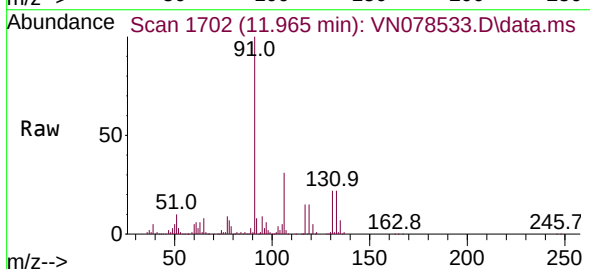
Manual Integrations
APPROVED

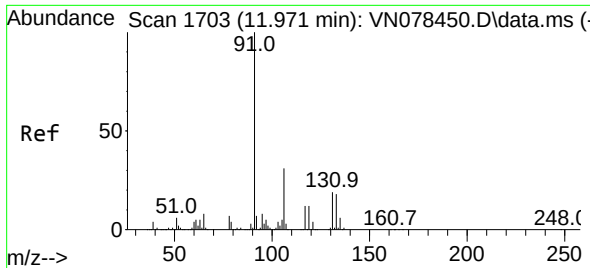
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.582 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

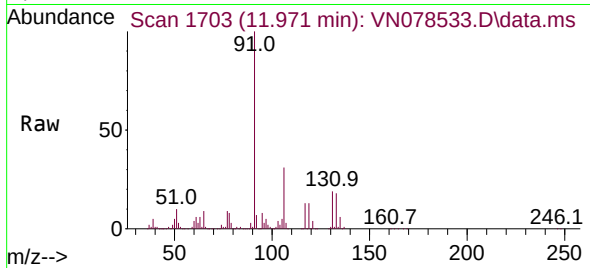
Tgt Ion:131 Resp: 304058
Ion Ratio Lower Upper
131 100
133 96.2 46.4 139.1
119 65.6 34.1 102.2





#67
Ethyl Benzene
Concen: 49.283 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

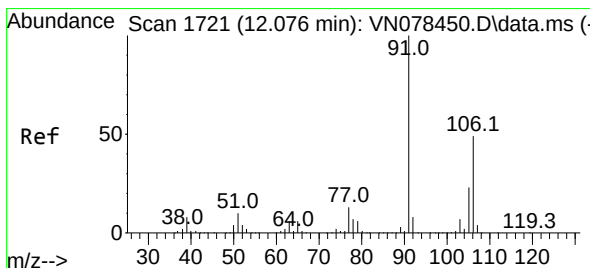
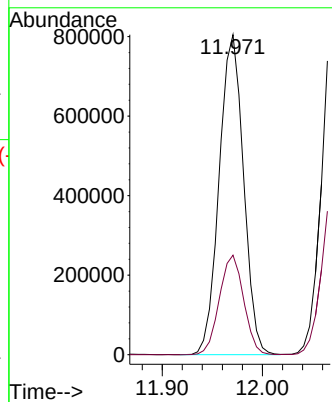
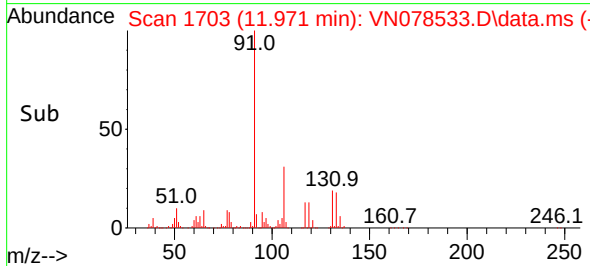
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



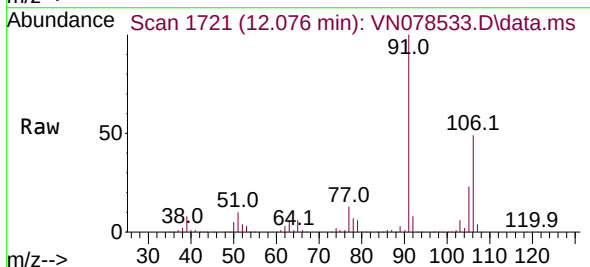
Tgt Ion: 91 Resp: 135526
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4

Manual Integrations
APPROVED

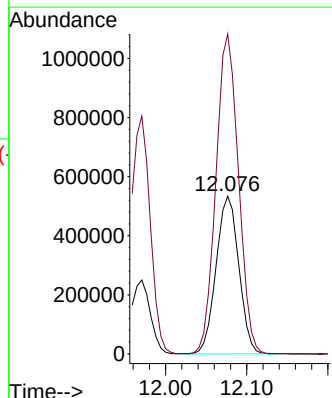
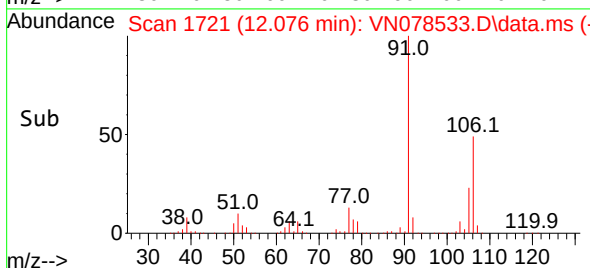
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

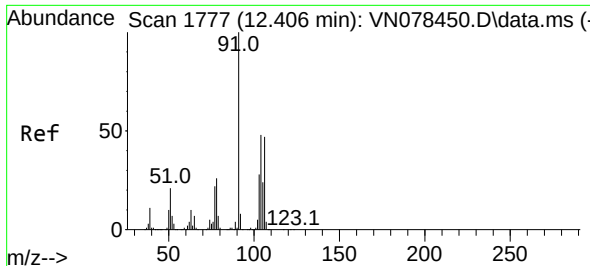


#68
m/p-Xylenes
Concen: 101.833 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32



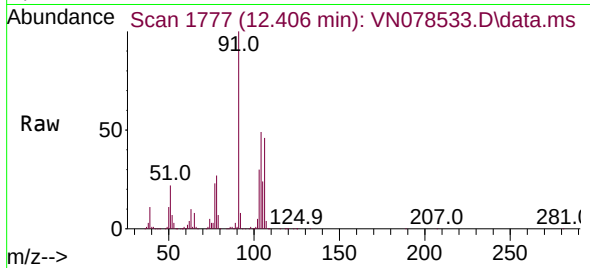
Tgt Ion:106 Resp: 1035380
Ion Ratio Lower Upper
106 100
91 201.7 159.6 239.4





#69
o-Xylene
Concen: 48.574 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

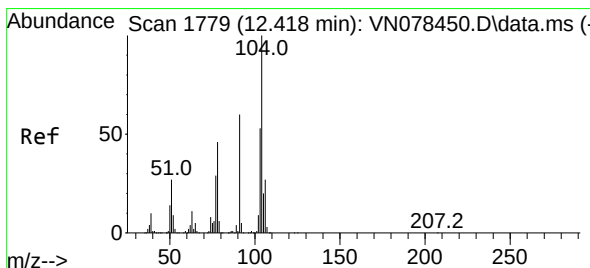
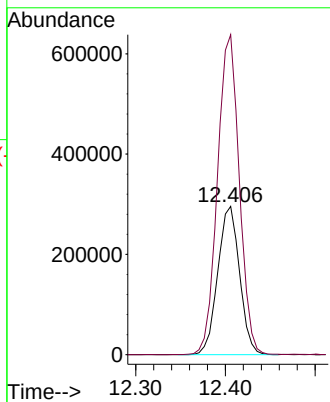
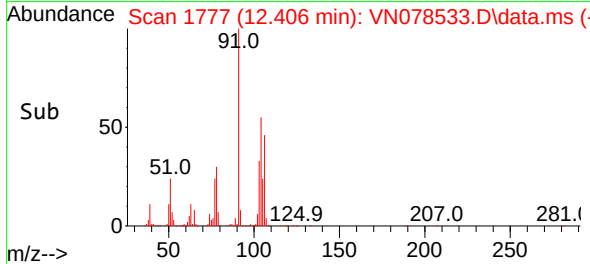
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 498834
Ion Ratio Lower Upper
106 100
91 216.4 105.2 315.5

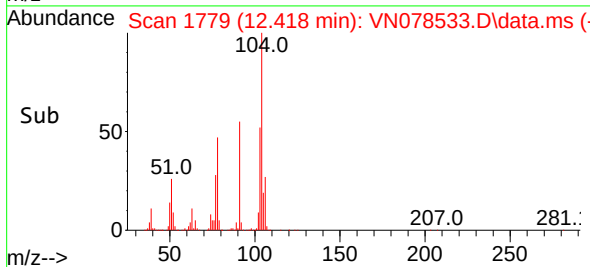
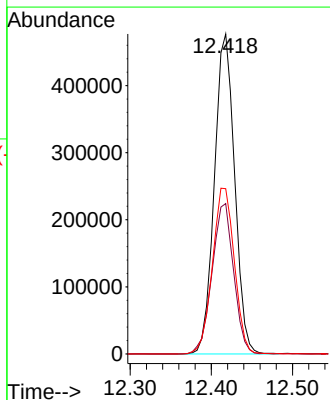
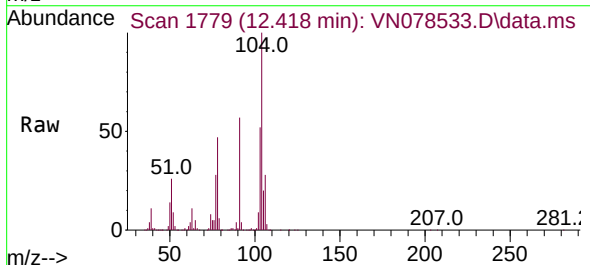
Manual Integrations
APPROVED

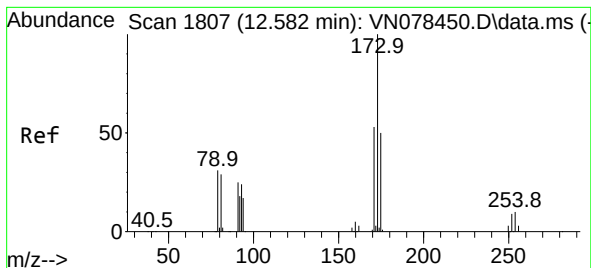
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#70
Styrene
Concen: 51.491 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Tgt Ion:104 Resp: 827277
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 56.2 43.2 64.8





#71

Bromoform

Concen: 51.921 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 22007

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

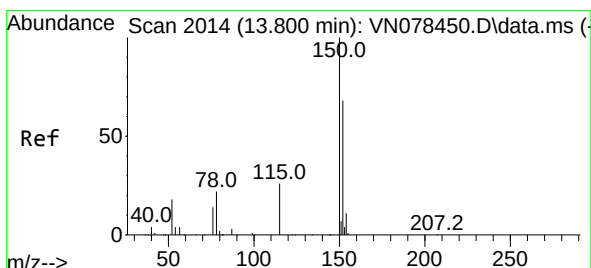
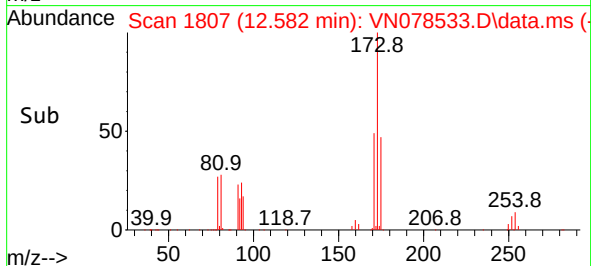
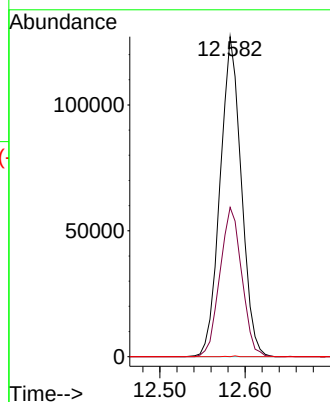
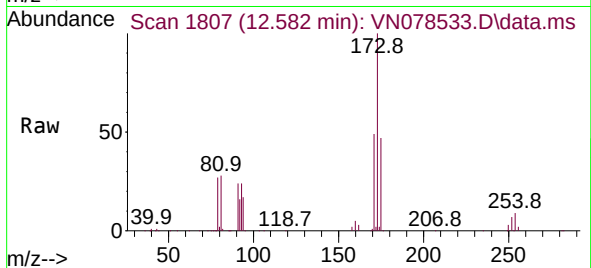
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

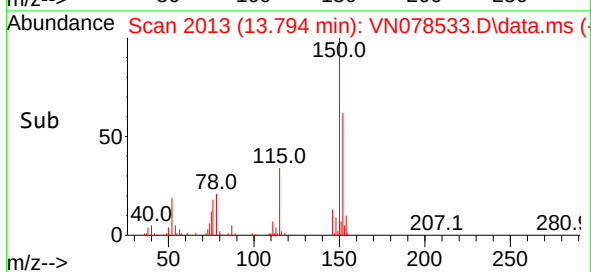
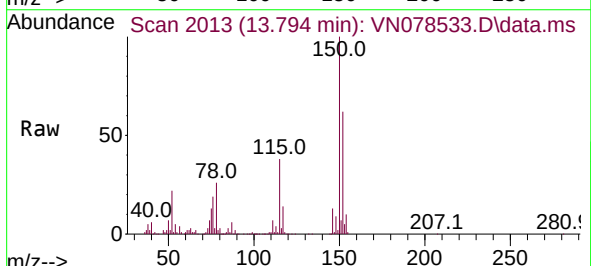
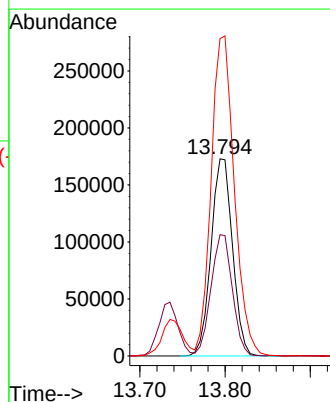
Tgt Ion:152 Resp: 302367

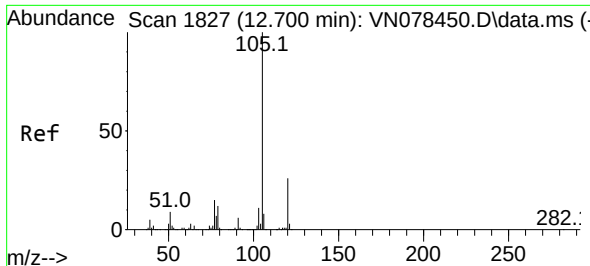
Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

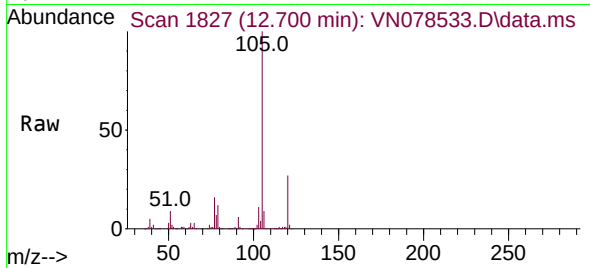
150 175.5 0.0 355.8





#73
Isopropylbenzene
Concen: 44.119 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

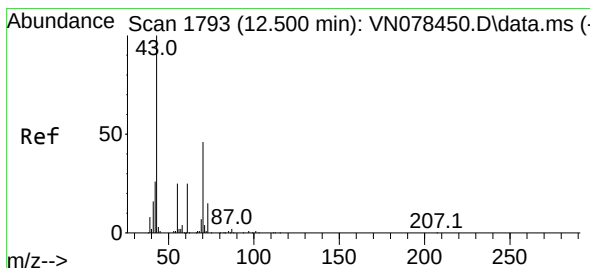
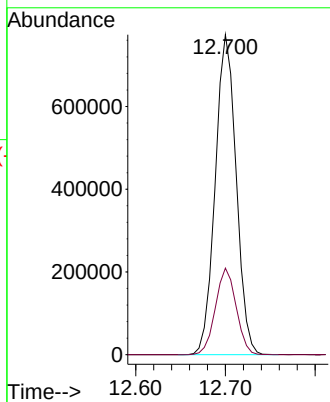
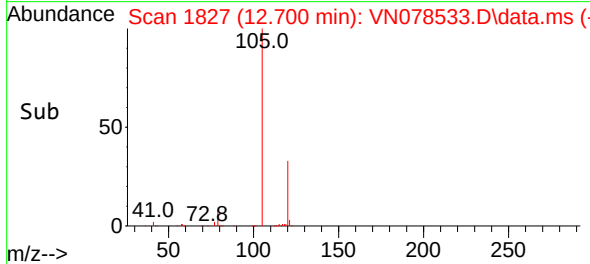
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 125349
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

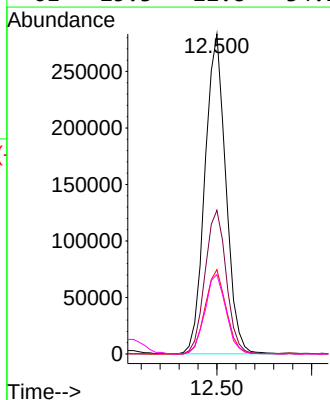
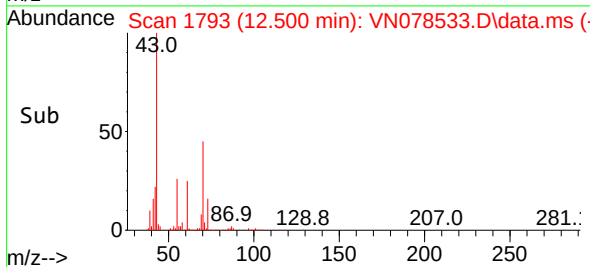
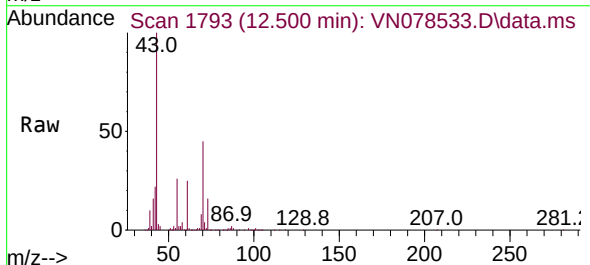
Manual Integrations
APPROVED

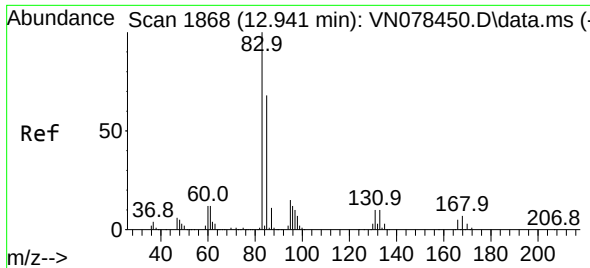
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#74
N-ethyl acetate
Concen: 44.206 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

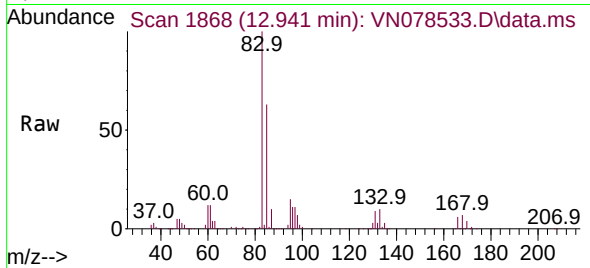
Tgt Ion: 43 Resp: 432827
Ion Ratio Lower Upper
43 100
70 45.9 43.4 65.2
55 26.6 21.4 32.0
61 25.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.946 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

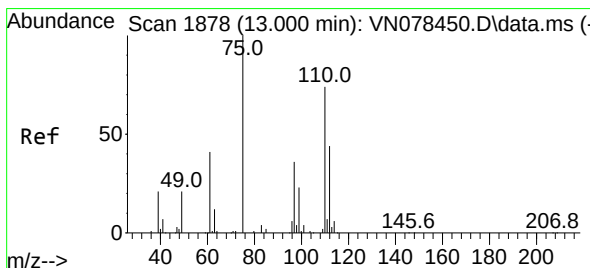
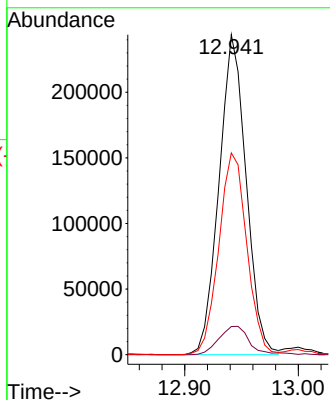
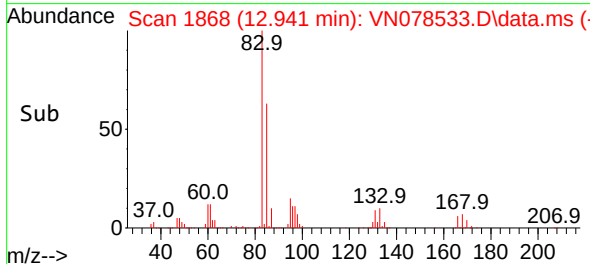
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



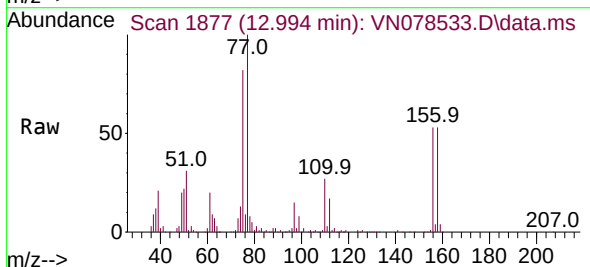
Tgt Ion: 83 Resp: 403814
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 65.1 31.9 95.7

Manual Integrations
APPROVED

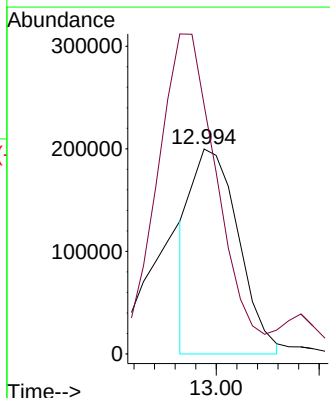
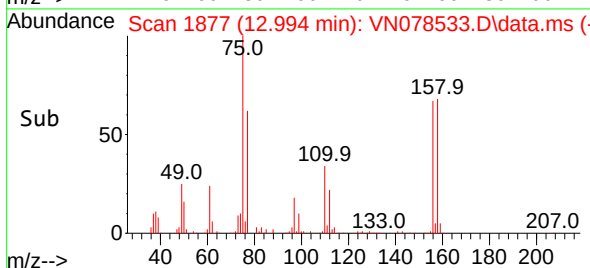
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

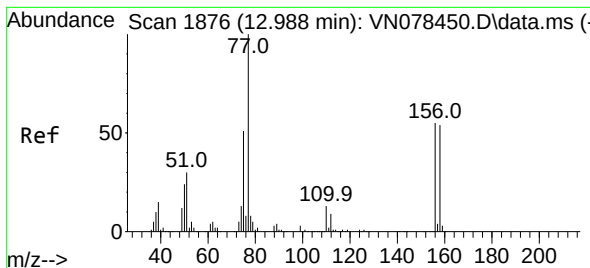


#76
1,2,3-Trichloropropane
Concen: 44.036 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32



Tgt Ion: 75 Resp: 321844
Ion Ratio Lower Upper
75 100
77 196.9 84.5 253.5





#77

Bromobenzene

Concen: 49.035 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

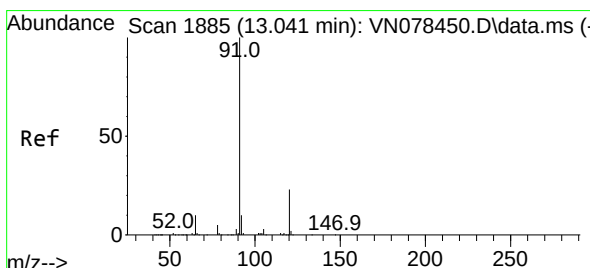
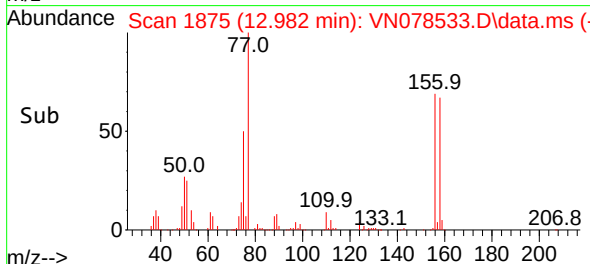
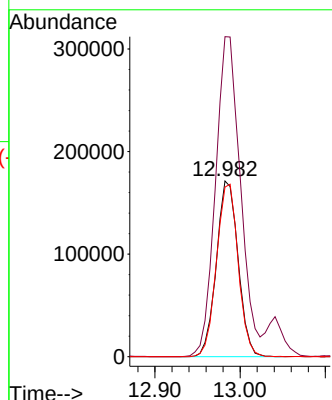
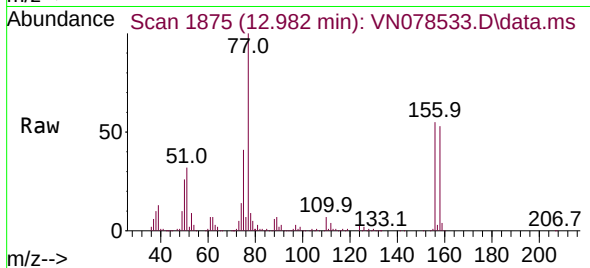
Tgt Ion:	156	Resp:	30315
Ion Ratio	Lower	Upper	
156	100		
77	209.0	107.7	323.3
158	97.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#78

n-propylbenzene

Concen: 47.295 ug/l

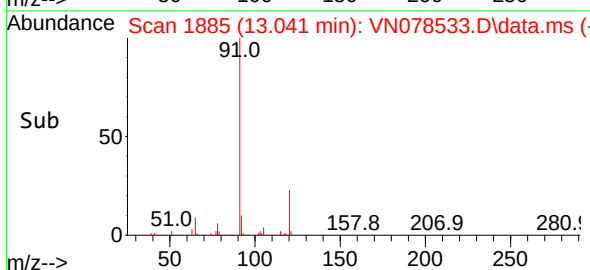
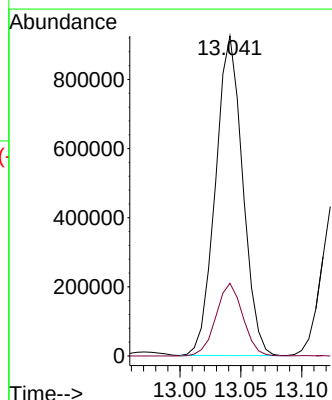
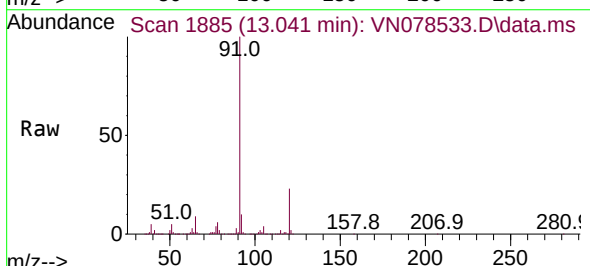
RT: 13.041 min Scan# 1885

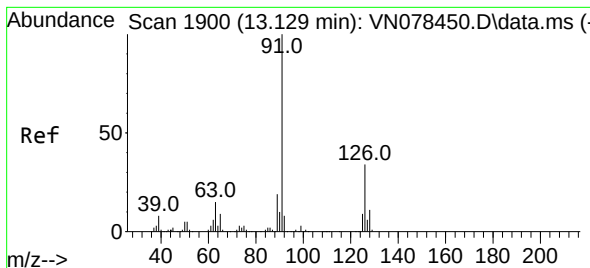
Delta R.T. 0.000 min

Lab File: VN078533.D

Acq: 17 Jul 2023 10:32

Tgt Ion:	91	Resp:	1437048
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4





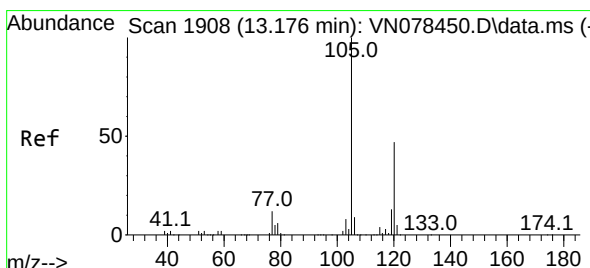
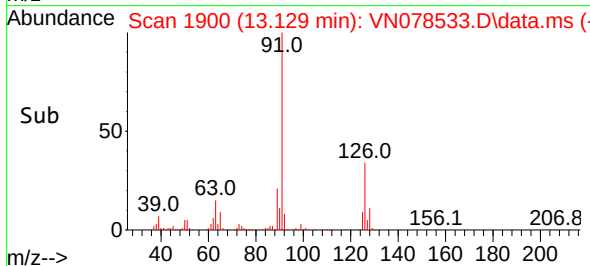
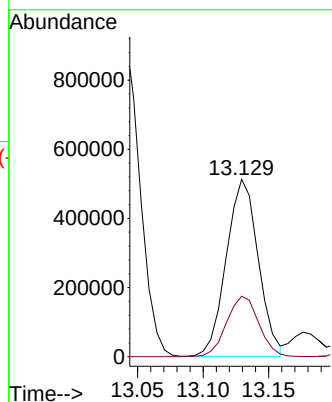
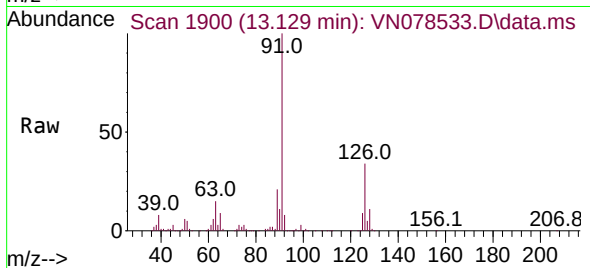
#79
2-Chlorotoluene
Concen: 43.658 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 868900
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

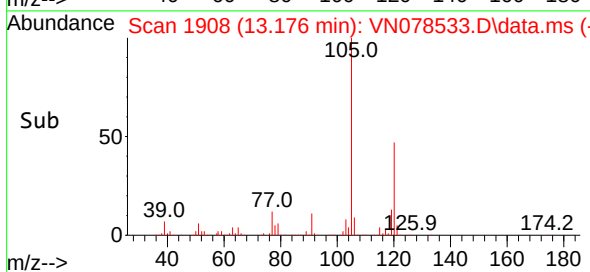
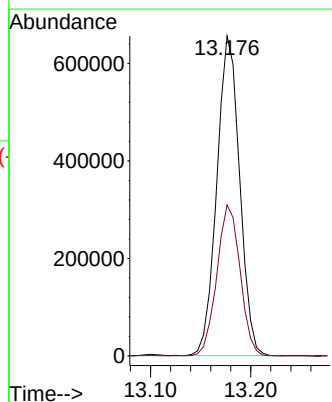
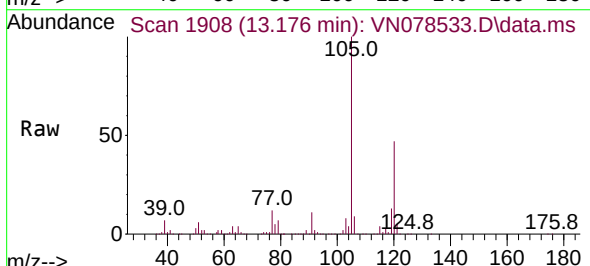
Manual Integrations
APPROVED

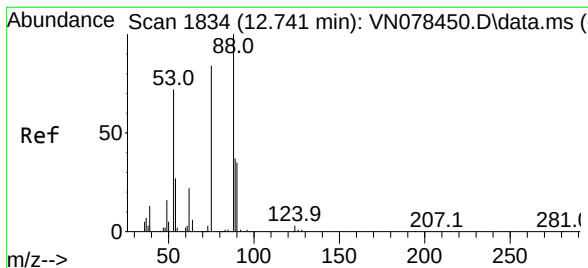
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.123 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

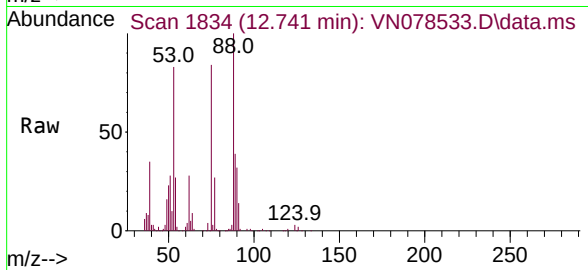
Tgt Ion:105 Resp: 1035403
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.844 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

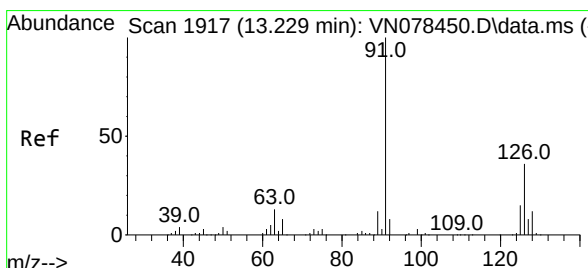
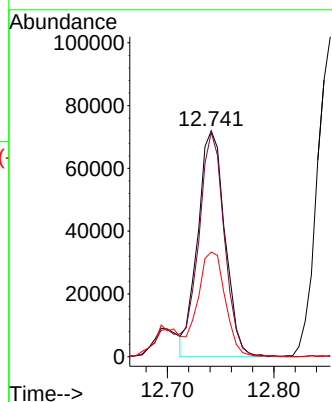
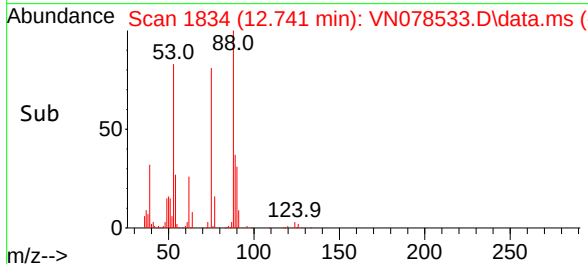
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 127500
Ion Ratio Lower Upper
75 100
53 93.7 67.4 101.2
89 45.4 38.8 58.2

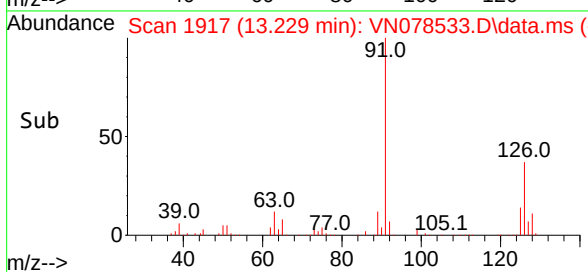
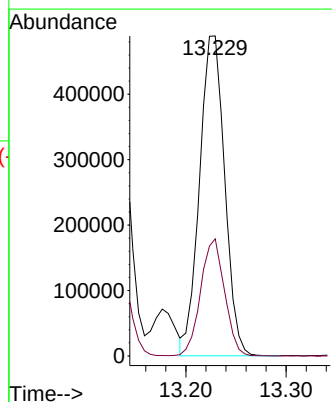
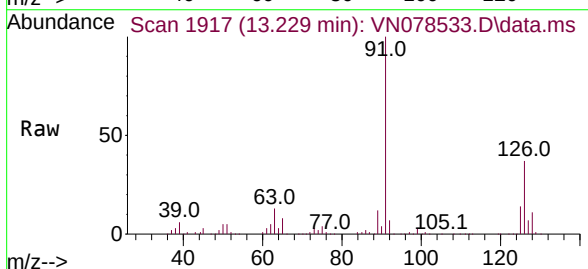
Manual Integrations
APPROVED

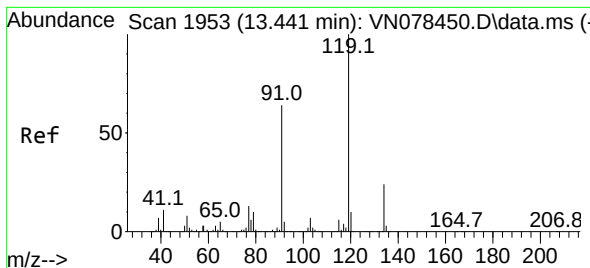
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#82
4-Chlorotoluene
Concen: 45.934 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

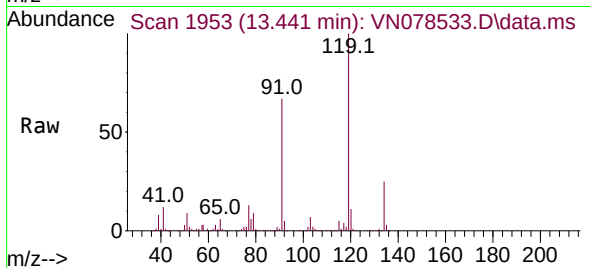
Tgt Ion: 91 Resp: 852833
Ion Ratio Lower Upper
91 100
126 35.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 45.124 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

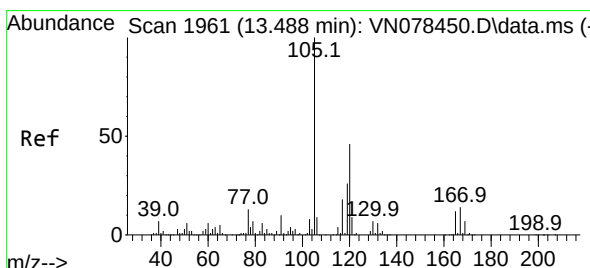
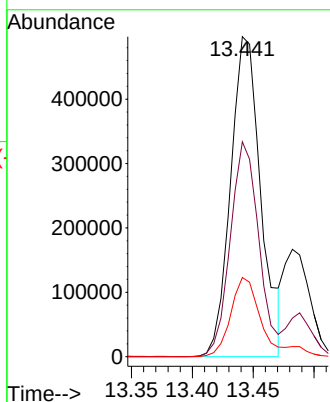
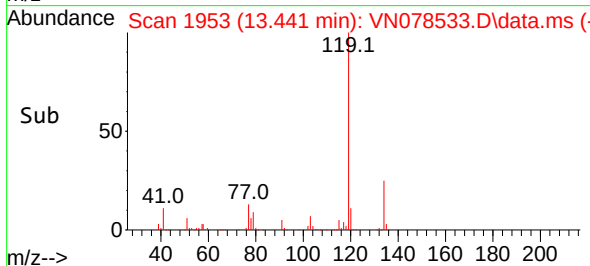
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



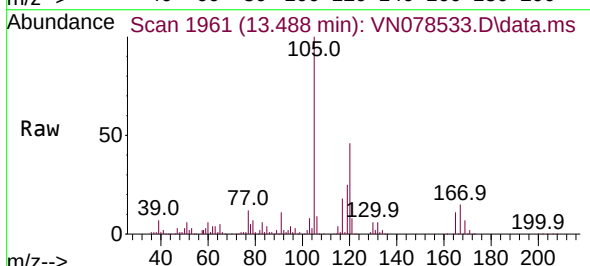
Tgt Ion:119 Resp: 86003
Ion Ratio Lower Upper
119 100
91 63.4 33.9 101.7
134 25.8 13.2 39.6

Manual Integrations
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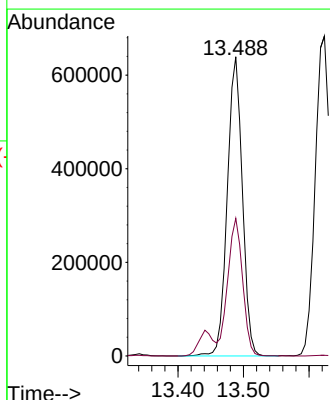
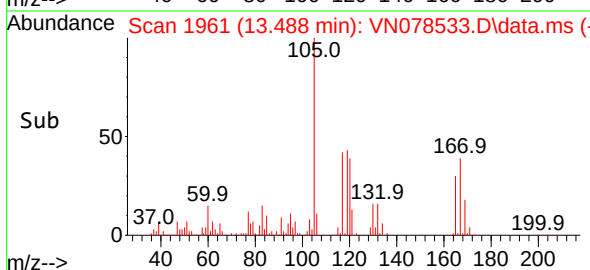
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

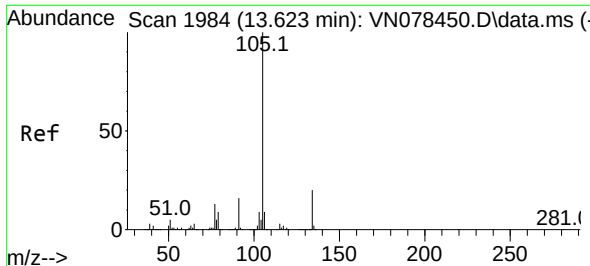


#84
1,2,4-Trimethylbenzene
Concen: 46.822 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32



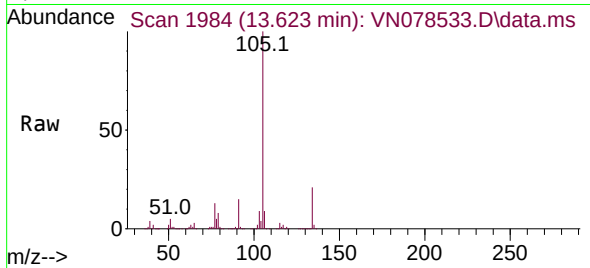
Tgt Ion:105 Resp: 1020956
Ion Ratio Lower Upper
105 100
120 45.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 46.160 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32

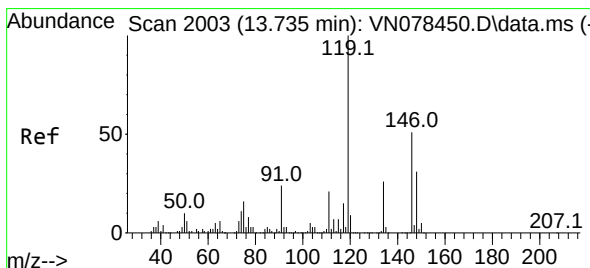
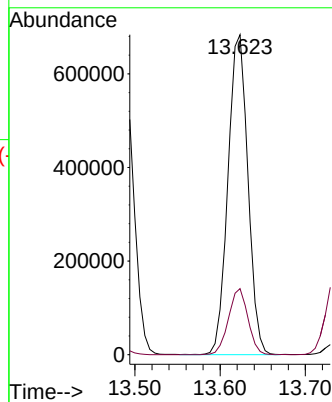
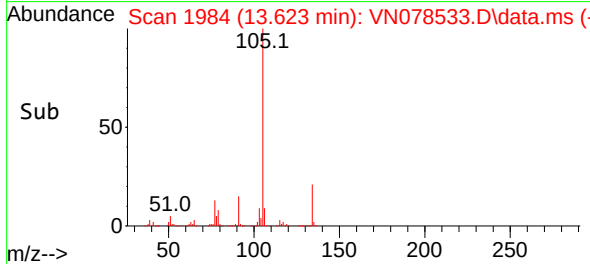
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



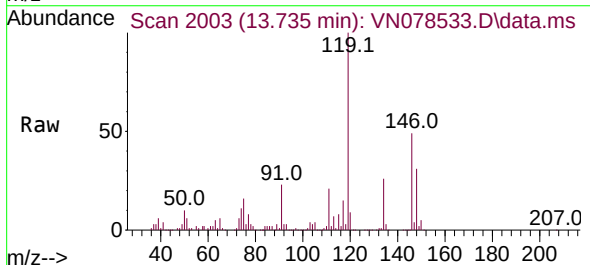
Tgt Ion:105 Resp: 111202
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

Manual Integrations
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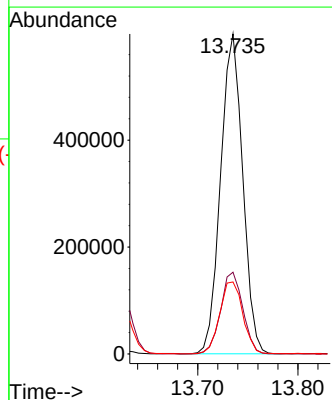
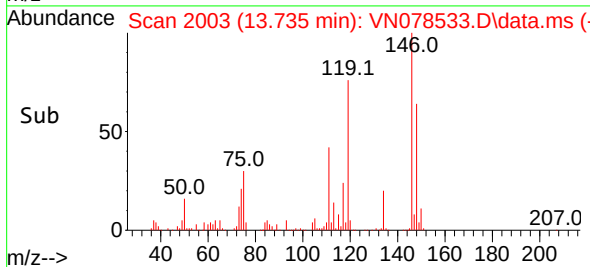
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

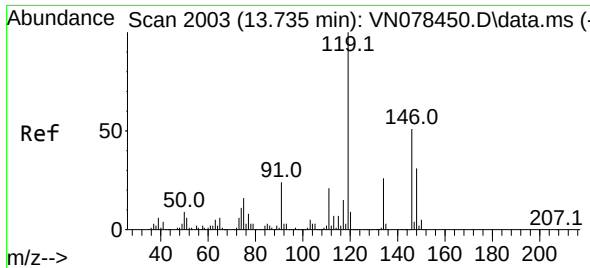


#86
 p-Isopropyltoluene
 Concen: 47.323 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32



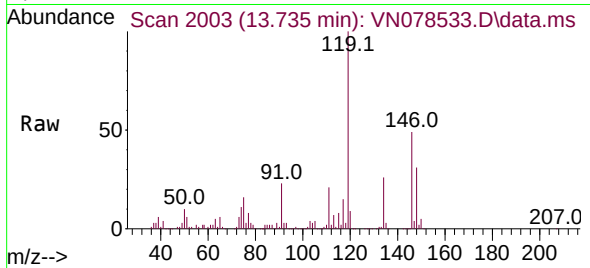
Tgt Ion:119 Resp: 915410
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 23.7 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 47.425 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32

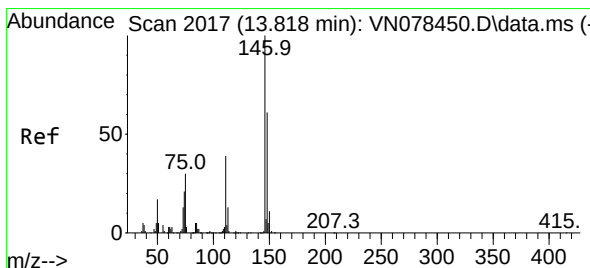
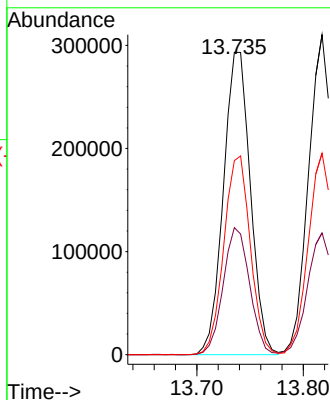
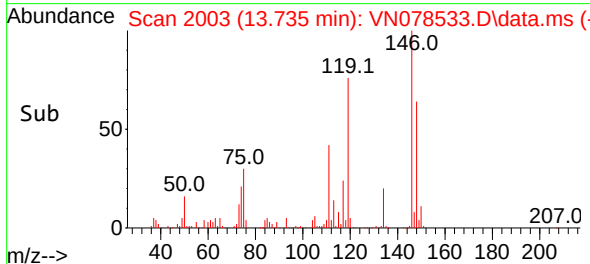
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



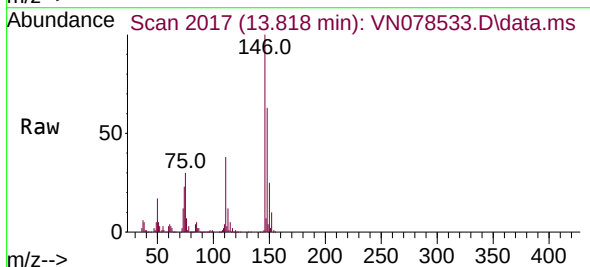
Tgt Ion:146 Resp: 517272
 Ion Ratio Lower Upper
 146 100
 111 41.2 22.1 66.3
 148 64.5 32.0 96.0

Manual Integrations
 APPROVED

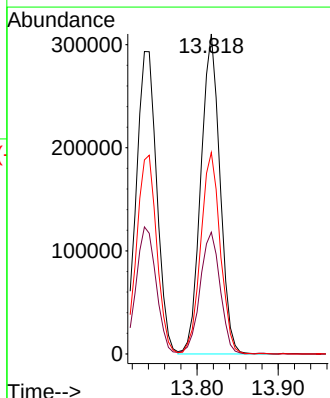
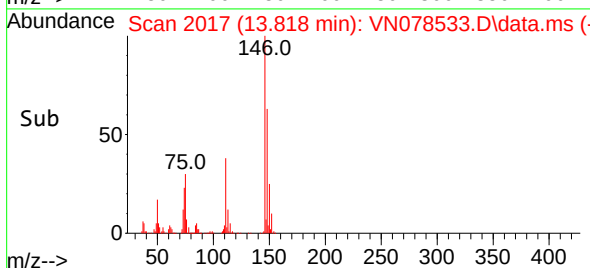
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

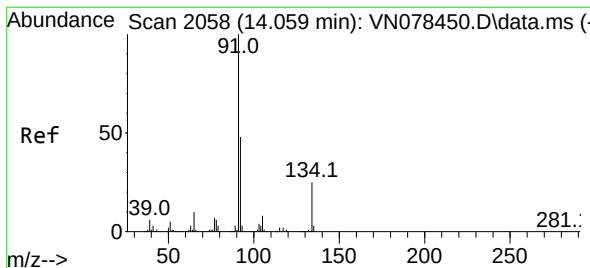


#88
 1,4-Dichlorobenzene
 Concen: 46.142 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078533.D
 Acq: 17 Jul 2023 10:32



Tgt Ion:146 Resp: 506926
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.6 61.8
 148 64.3 31.6 94.8





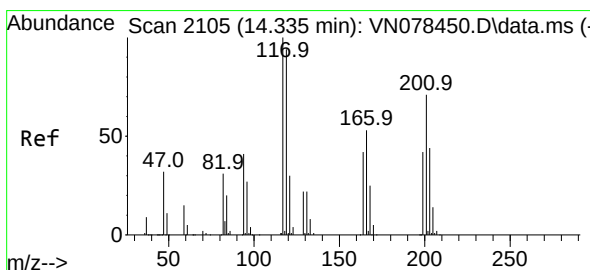
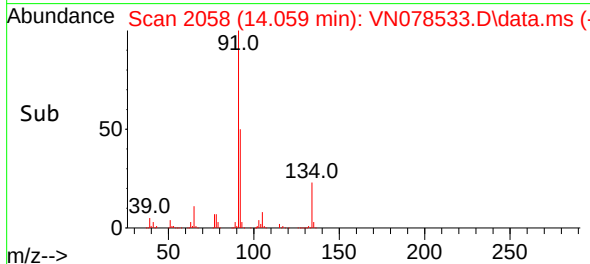
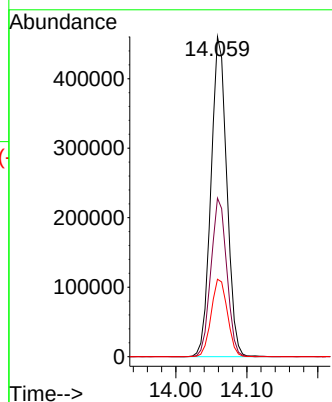
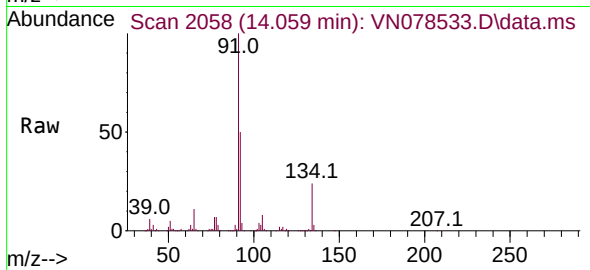
#89
n-Butylbenzene
Concen: 51.448 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 712083
Ion Ratio Lower Upper
91 100
92 49.6 26.4 79.0
134 24.9 12.6 37.6

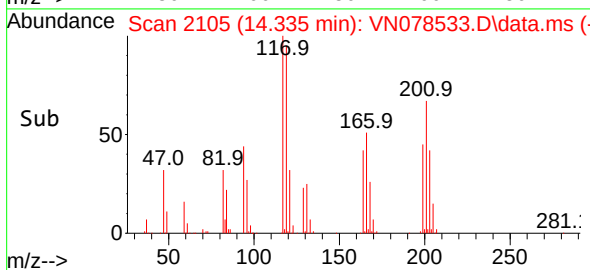
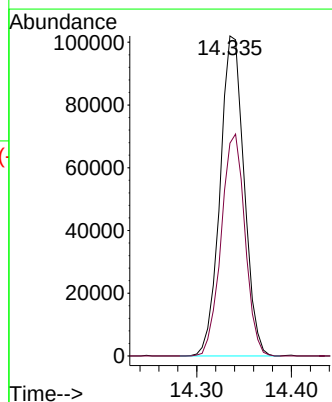
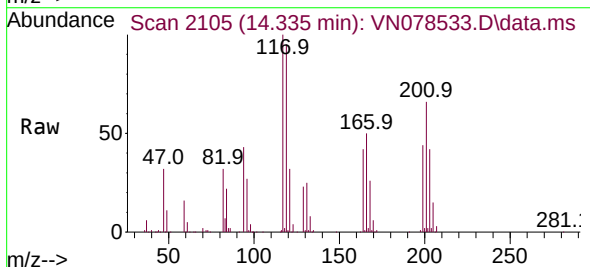
Manual Integrations
APPROVED

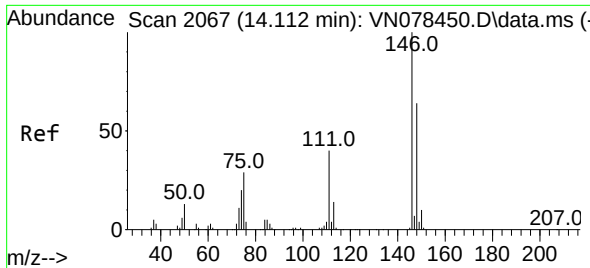
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#90
Hexachloroethane
Concen: 50.550 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

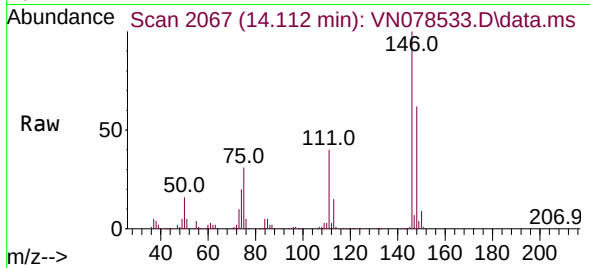
Tgt Ion:117 Resp: 179695
Ion Ratio Lower Upper
117 100
201 68.5 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 46.803 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

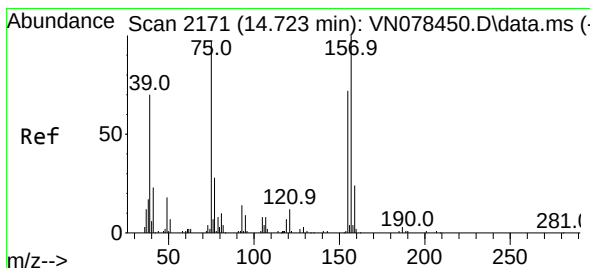
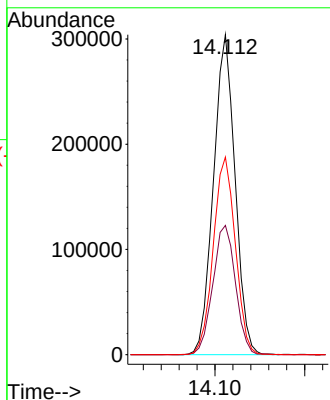
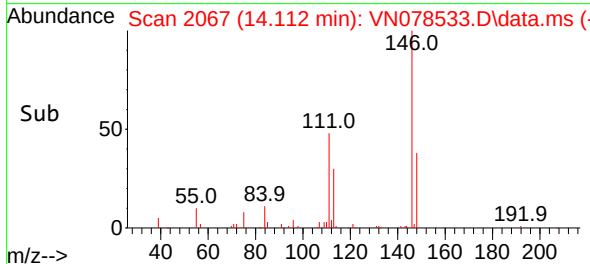
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



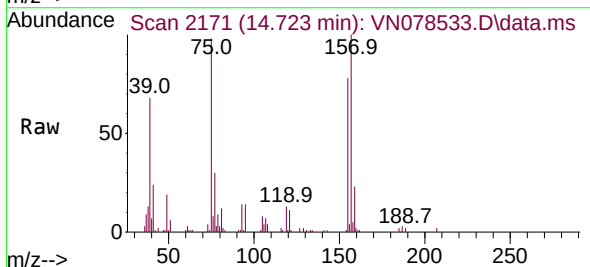
Tgt Ion:146 Resp: 50802
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 63.1 31.8 95.3

Manual Integrations
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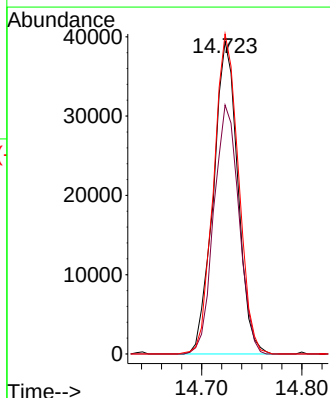
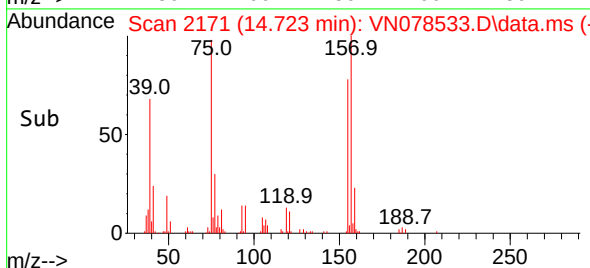
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

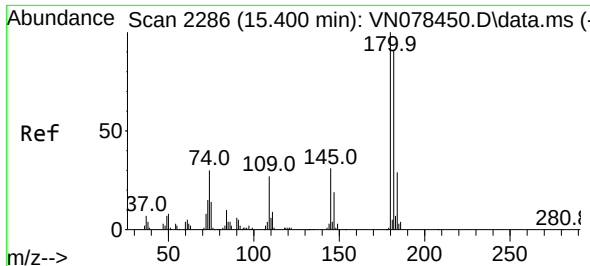


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.952 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32



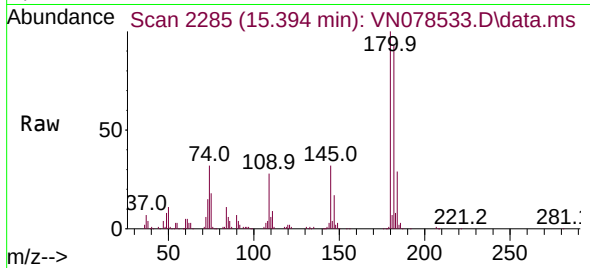
Tgt Ion: 75 Resp: 66638
Ion Ratio Lower Upper
75 100
155 81.6 39.1 117.2
157 104.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 48.473 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

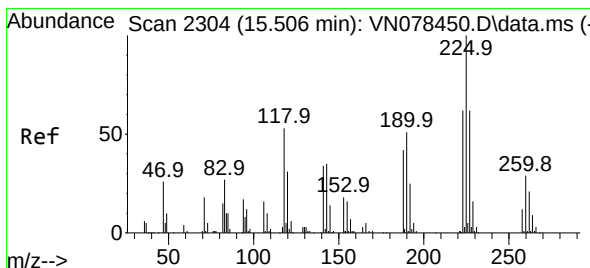
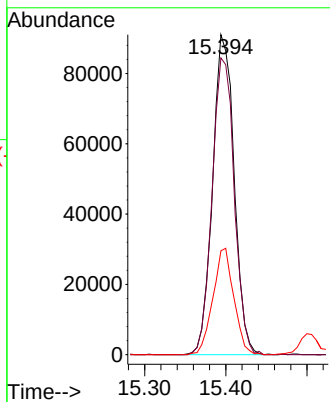
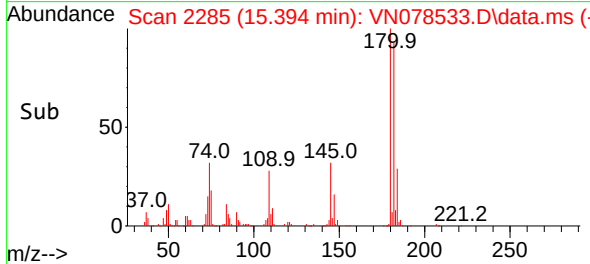
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 16792
Ion Ratio Lower Upper
180 100
182 95.2 46.1 138.2
145 32.3 16.6 49.8

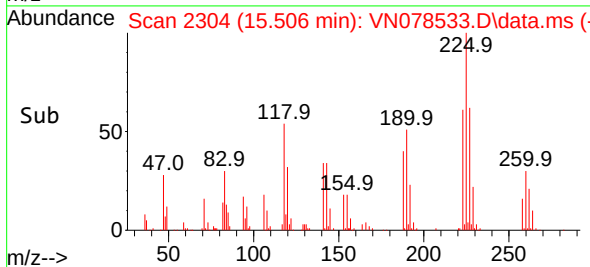
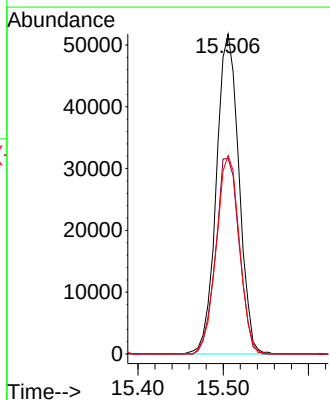
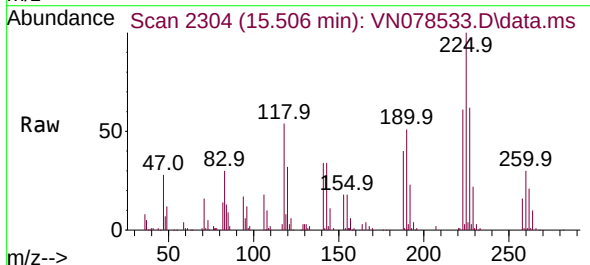
Manual Integrations
APPROVED

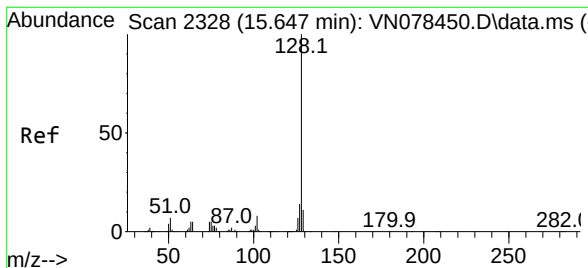
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#94
Hexachlorobutadiene
Concen: 53.389 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

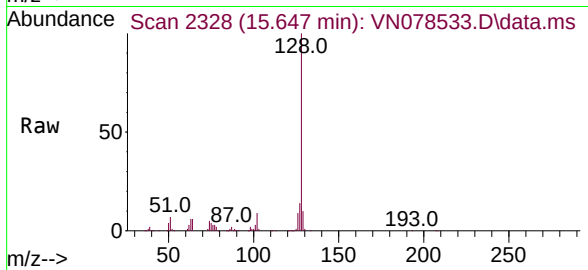
Tgt Ion:225 Resp: 95177
Ion Ratio Lower Upper
225 100
223 63.5 31.3 93.8
227 63.5 31.9 95.9





#95
Naphthalene
Concen: 43.025 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32

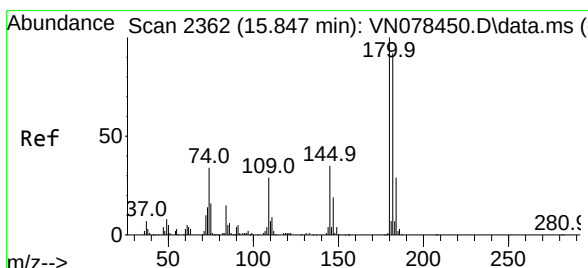
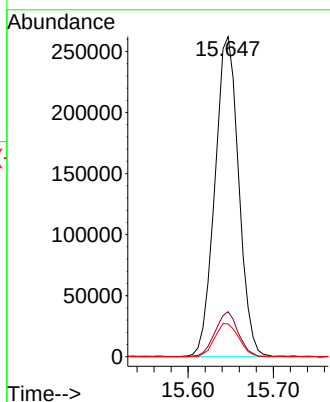
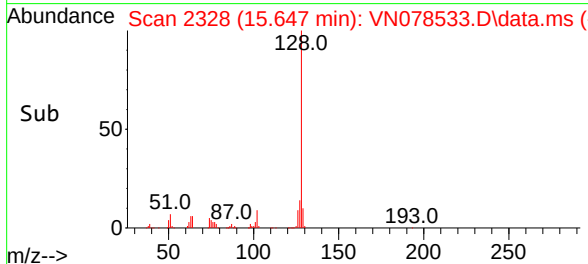
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



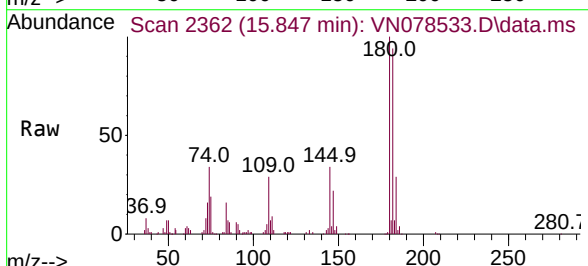
Tgt Ion:128 Resp: 50955
Ion Ratio Lower Upper
128 100
127 13.7 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.177 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078533.D
Acq: 17 Jul 2023 10:32



Tgt Ion:180 Resp: 187922
Ion Ratio Lower Upper
180 100
182 94.7 46.2 138.6
145 33.3 17.5 52.6

