

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
 Data File : VN078409.D
 Acq On : 26 Jun 2023 18:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 27 02:19:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/27/2023
 Supervised By : Mahesh Dadoda 06/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	404416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	709107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	633570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	258240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	279669	51.866	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.740%			
35) Dibromofluoromethane	8.177	113	243315	54.268	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.540%			
50) Toluene-d8	10.570	98	894341	51.742	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.480%			
62) 4-Bromofluorobenzene	12.853	95	294606	54.827	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	180984	39.590	ug/l	94
3) Chloromethane	2.371	50	227992	53.126	ug/l	94
4) Vinyl Chloride	2.518	62	327795	54.759	ug/l	99
5) Bromomethane	2.942	94	247503	54.709	ug/l	96
6) Chloroethane	3.112	64	230021	56.368	ug/l	98
7) Trichlorofluoromethane	3.494	101	385626	47.504	ug/l	95
8) Diethyl Ether	3.971	74	135530	47.516	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	218660	51.040	ug/l	97
10) Methyl Iodide	4.600	142	299149	49.376	ug/l	93
11) Tert butyl alcohol	5.536	59	184761	248.155	ug/l	100
12) 1,1-Dichloroethene	4.347	96	208095	47.121	ug/l	84
13) Acrolein	4.189	56	245650	299.362	ug/l	96
14) Allyl chloride	5.036	41	274585	50.935	ug/l	92
15) Acrylonitrile	5.730	53	529498	275.847	ug/l	99
16) Acetone	4.441	43	404952	260.915	ug/l	98
17) Carbon Disulfide	4.718	76	541407	47.630	ug/l	97
18) Methyl Acetate	5.041	43	368315	51.545	ug/l	92
19) Methyl tert-butyl Ether	5.812	73	710929	50.455	ug/l	99
20) Methylene Chloride	5.283	84	250160	48.776	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	235522	49.446	ug/l	89
22) Diisopropyl ether	6.683	45	686855	54.166	ug/l #	94
23) Vinyl Acetate	6.618	43	2060957	273.412	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	439585	52.550	ug/l	97
25) 2-Butanone	7.494	43	663466	277.983	ug/l	88
26) 2,2-Dichloropropane	7.500	77	362484	58.687	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	279906	49.265	ug/l	94
28) Bromochloromethane	7.818	49	205137	53.410	ug/l	91
29) Tetrahydrofuran	7.847	42	440854	276.305	ug/l	85
30) Chloroform	7.977	83	472040	52.404	ug/l	94
31) Cyclohexane	8.265	56	337060	48.730	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	426549	53.938	ug/l	98
36) 1,1-Dichloropropene	8.377	75	340147	52.890	ug/l	99
37) Ethyl Acetate	7.571	43	288127	57.350	ug/l #	95
38) Carbon Tetrachloride	8.371	117	370929	54.623	ug/l	98
39) Methylcyclohexane	9.606	83	310690	46.616	ug/l	91
40) Benzene	8.612	78	1041828	54.262	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	139177	51.108	ug/l	93
42) 1,2-Dichloroethane	8.682	62	357574	54.318	ug/l	97
43) Isopropyl Acetate	8.700	43	498328	51.865	ug/l	94
44) Trichloroethene	9.359	130	267184	52.694	ug/l	98
45) 1,2-Dichloropropane	9.629	63	264255	55.319	ug/l	99
46) Dibromomethane	9.718	93	191631	54.463	ug/l	97
47) Bromodichloromethane	9.894	83	378902	57.974	ug/l	96
48) Methyl methacrylate	9.688	41	222958	55.295	ug/l	91
49) 1,4-Dioxane	9.706	88	95378	1125.442	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	1469749	290.487	ug/l	94
52) Toluene	10.635	92	658461	54.319	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	387428	56.919	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	422724	56.182	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	261115	56.941	ug/l	98
56) Ethyl methacrylate	10.882	69	378402	56.671	ug/l	93
57) 1,3-Dichloropropane	11.170	76	438772	56.685	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	701966	260.242	ug/l	93
59) 2-Hexanone	11.200	43	1039289	295.005	ug/l	92
60) Dibromochloromethane	11.365	129	288496	57.493	ug/l	99
61) 1,2-Dibromoethane	11.476	107	264500	54.963	ug/l	99
64) Tetrachloroethene	11.112	164	211155	49.957	ug/l	96
65) Chlorobenzene	11.900	112	695309	51.245	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	268299	53.763	ug/l	98
67) Ethyl Benzene	11.970	91	1233651	52.694	ug/l	100
68) m/p-Xylenes	12.076	106	933779	104.657	ug/l	97
69) o-Xylene	12.406	106	461745	52.700	ug/l	97
70) Styrene	12.417	104	750257	54.391	ug/l	98
71) Bromoform	12.582	173	182629	56.708	ug/l #	99
73) Isopropylbenzene	12.700	105	1112254	45.547	ug/l	99
74) N-amyl acetate	12.500	43	395823	49.222	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	364737	54.526	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	290654m	47.610	ug/l	
77) Bromobenzene	12.988	156	262970	46.389	ug/l	98
78) n-propylbenzene	13.041	91	1245912	46.959	ug/l	100
79) 2-Chlorotoluene	13.129	91	789925	46.124	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	911535	46.105	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	105787m	53.238	ug/l	
82) 4-Chlorotoluene	13.229	91	755319	47.255	ug/l	98
83) tert-Butylbenzene	13.447	119	757898	44.100	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	910350	47.493	ug/l	99
85) sec-Butylbenzene	13.623	105	946518	42.078	ug/l	99
86) p-Isopropyltoluene	13.735	119	780031	42.732	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	444274	46.332	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	431588	46.645	ug/l	100
89) n-Butylbenzene	14.064	91	585153	40.641	ug/l	98
90) Hexachloroethane	14.341	117	144992	44.758	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	427966	45.667	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56501	46.711	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	131285	39.319	ug/l	98
94) Hexachlorobutadiene	15.505	225	71888	43.579	ug/l	98
95) Naphthalene	15.647	128	421287	37.509	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	147171	39.410	ug/l	97

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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

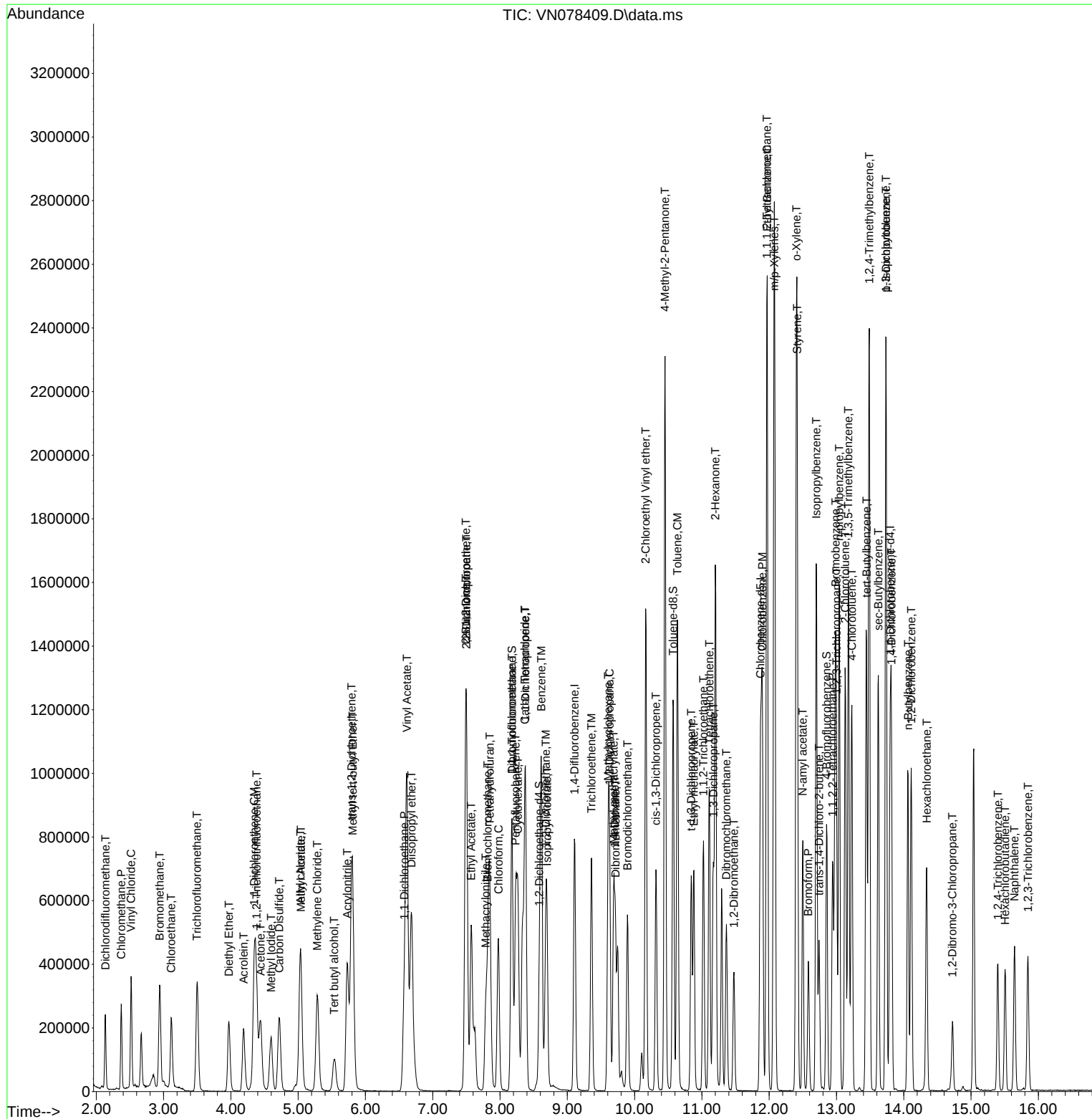
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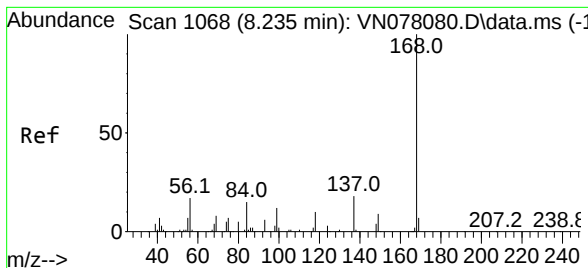
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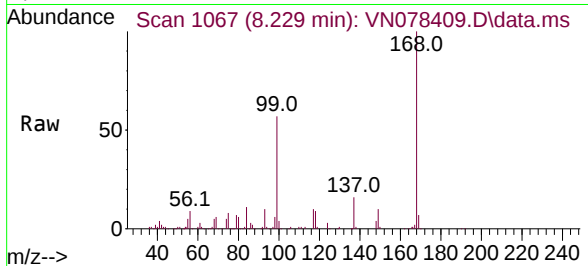
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN078409.D
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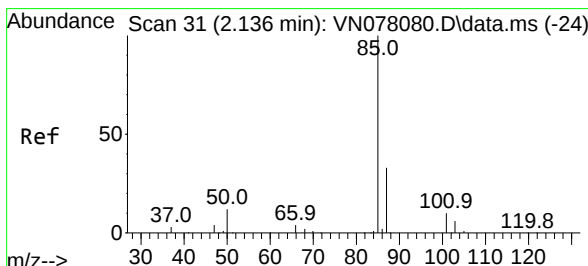
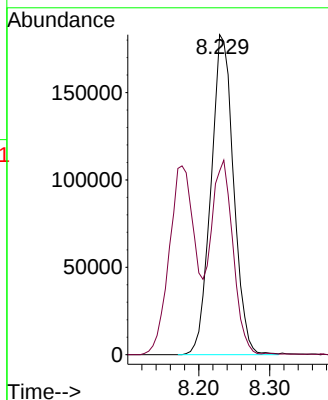
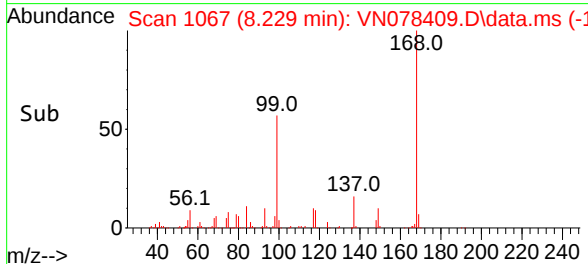
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



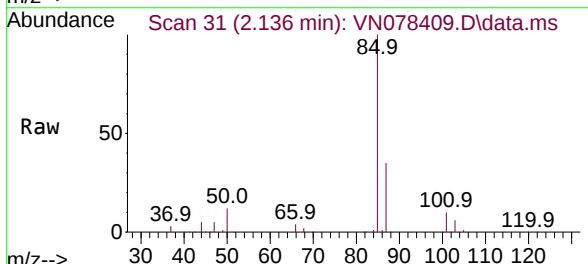
Tgt Ion:168 Resp: 404410
Ion Ratio Lower Upper
168 100
99 57.2 53.0 79.6

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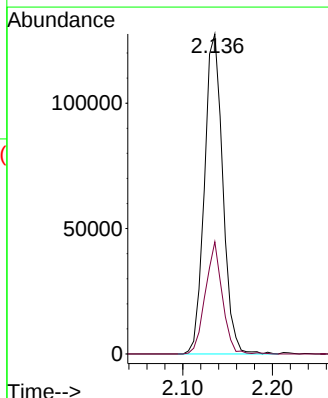
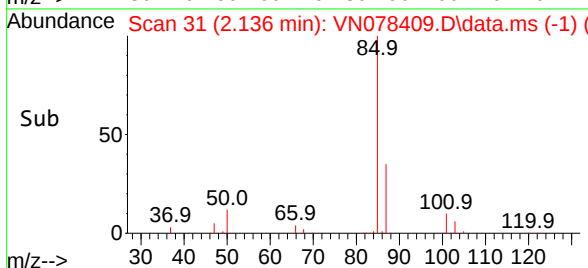
Reviewed By :John Carlone 06/27/2023
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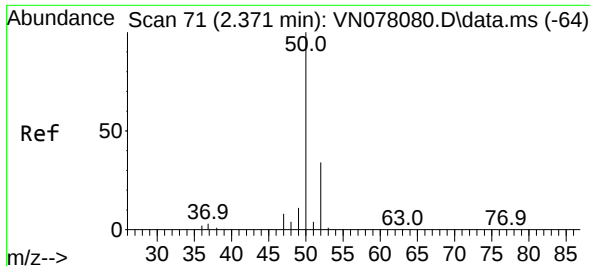


#2
Dichlorodifluoromethane
Concen: 39.590 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



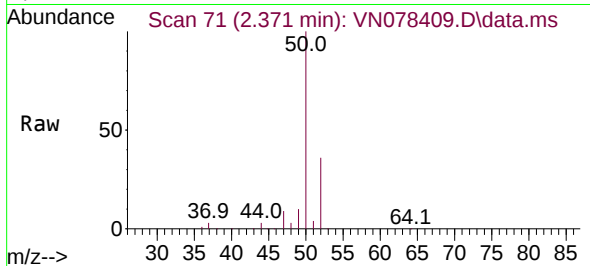
Tgt Ion: 85 Resp: 180984
Ion Ratio Lower Upper
85 100
87 35.0 15.8 47.4





#3
Chloromethane
Concen: 53.126 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

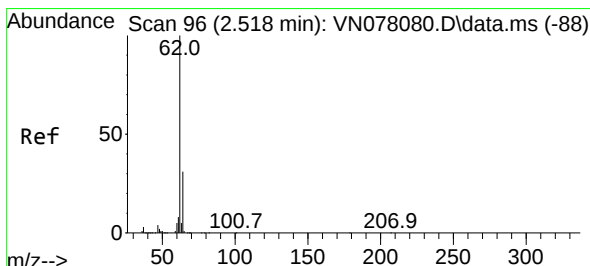
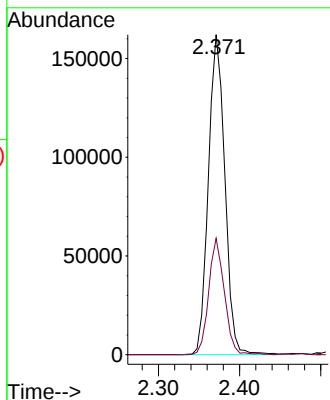
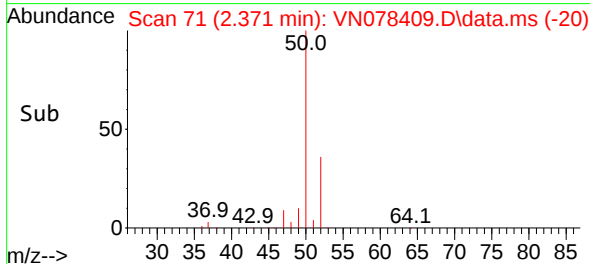
Instrument :
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Tgt Ion: 50 Resp: 227992
Ion Ratio Lower Upper
50 100
52 36.3 26.5 39.7

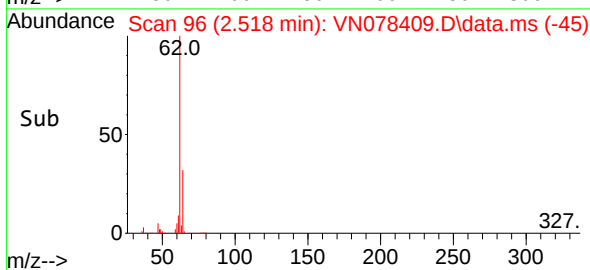
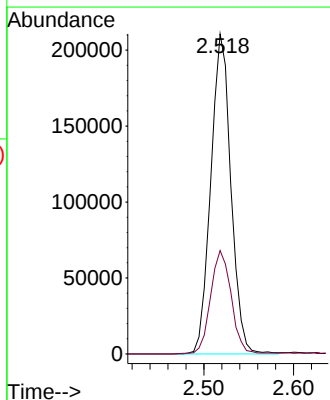
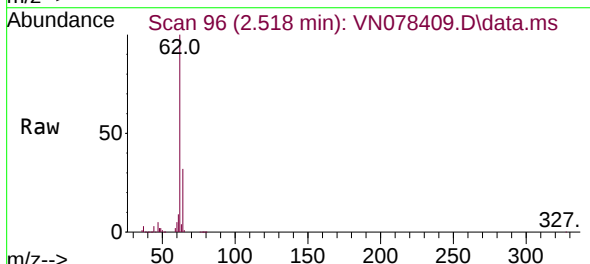
Manual Integrations
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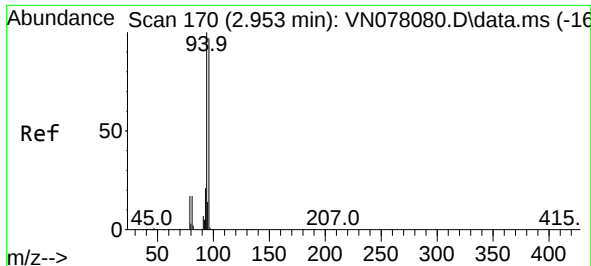
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#4
Vinyl Chloride
Concen: 54.759 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

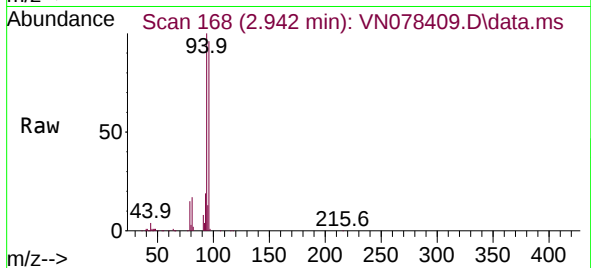
Tgt Ion: 62 Resp: 327795
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2





#5
Bromomethane
Concen: 54.709 ug/l
RT: 2.942 min Scan# 110
Delta R.T. -0.012 min
Lab File: VN078409.D
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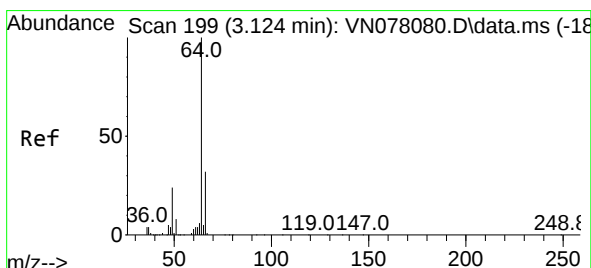
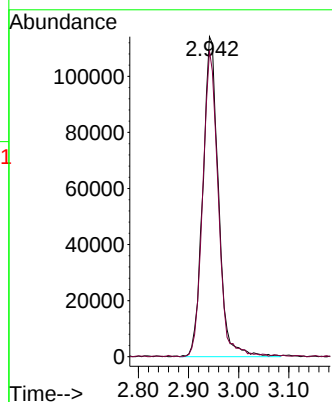
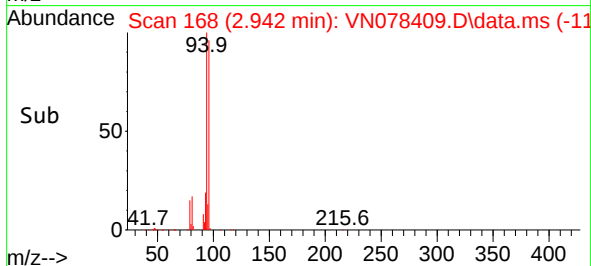
Instrument :
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Tgt Ion: 94 Resp: 24750
Ion Ratio Lower Upper
94 100
96 95.6 73.1 109.7

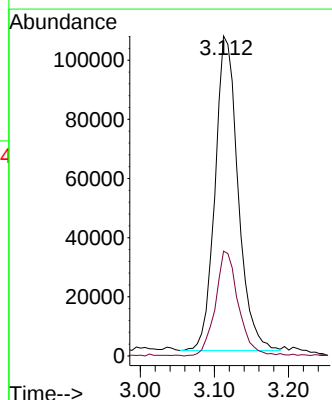
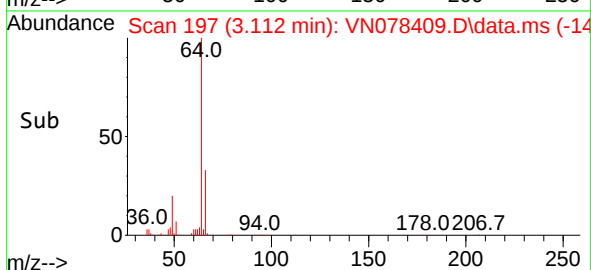
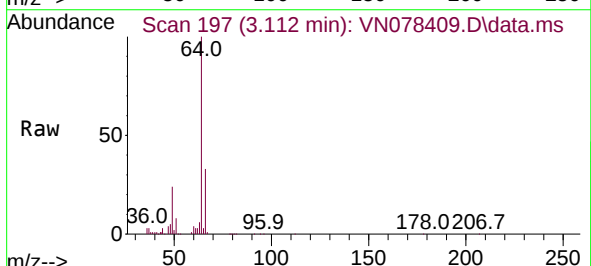
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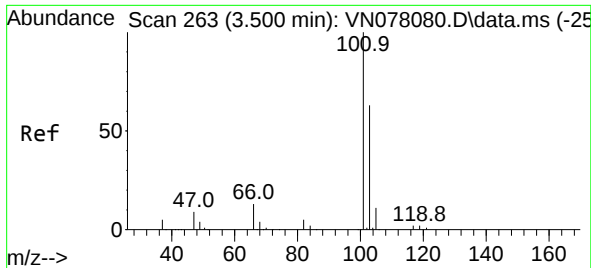
Reviewed By :John Carlone 06/27/2023
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#6
Chloroethane
Concen: 56.368 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Tgt Ion: 64 Resp: 230021
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.2





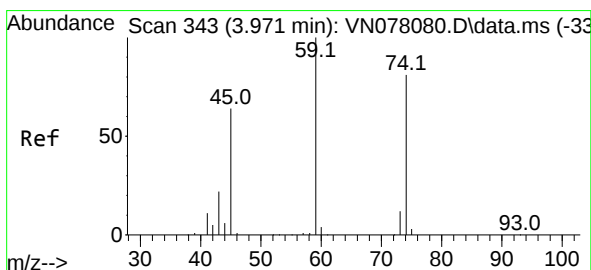
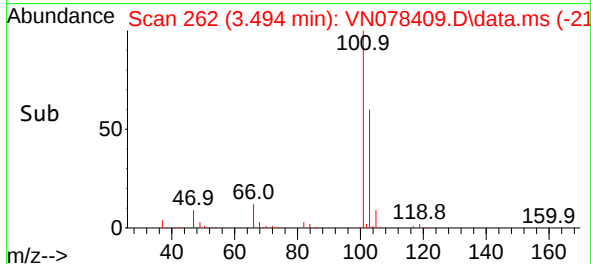
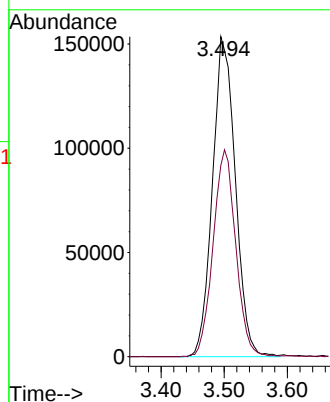
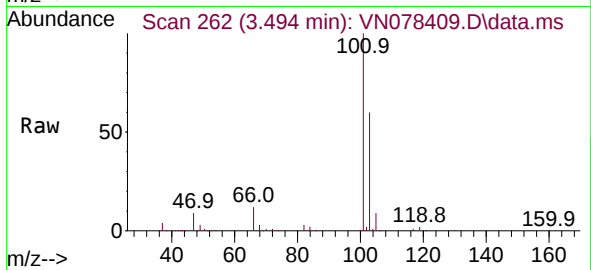
#7
Trichlorofluoromethane
Concen: 47.504 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 385620
Ion Ratio Lower Upper
101 100
103 59.8 50.7 76.1

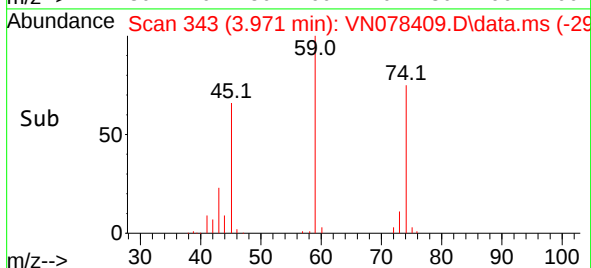
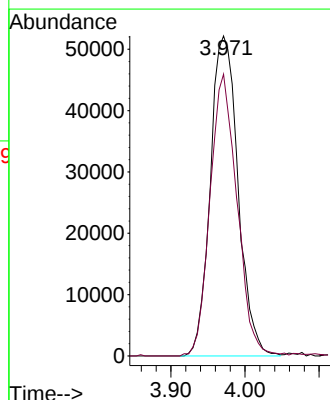
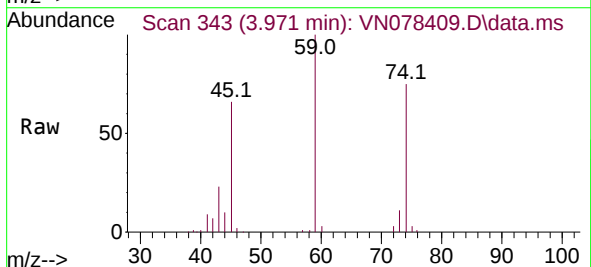
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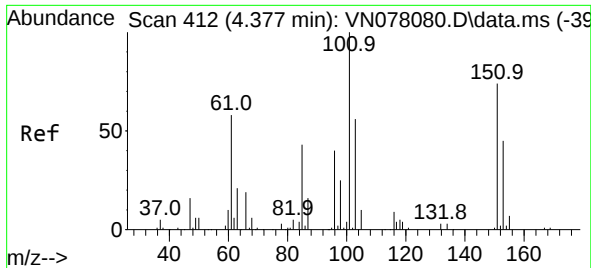
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#8
Diethyl Ether
Concen: 47.516 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Tgt Ion: 74 Resp: 135530
Ion Ratio Lower Upper
74 100
45 85.8 34.4 103.3





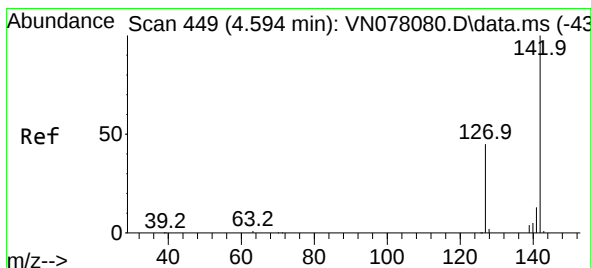
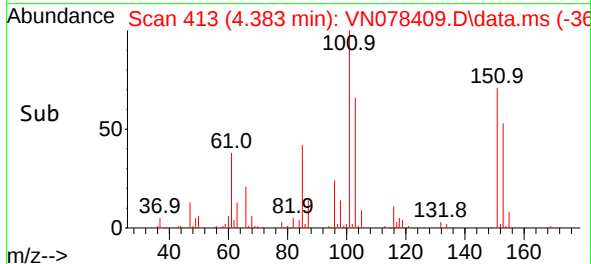
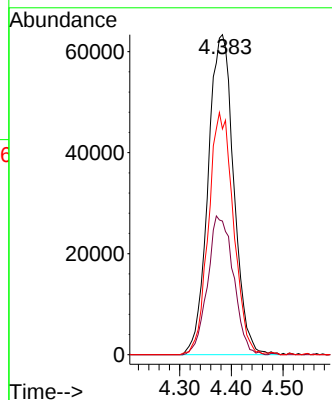
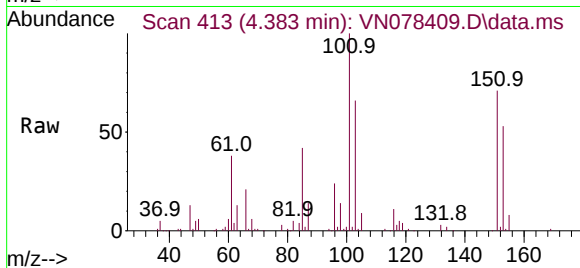
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.040 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 218660
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 73.5 57.6 86.4

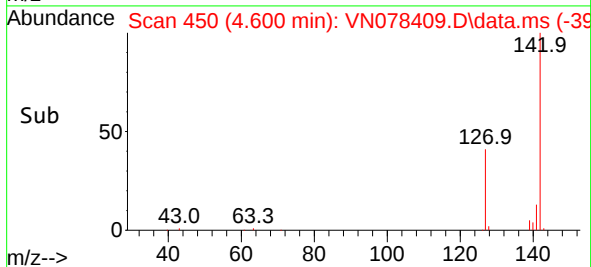
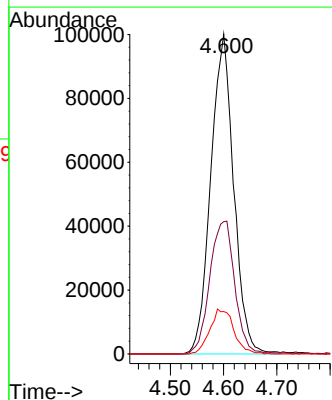
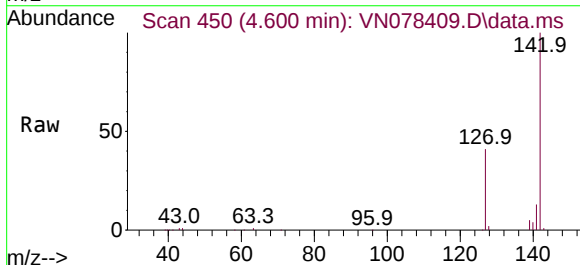
Manual Integrations
APPROVED

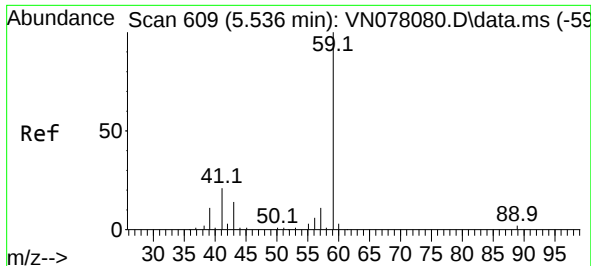
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#10
Methyl Iodide
Concen: 49.376 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

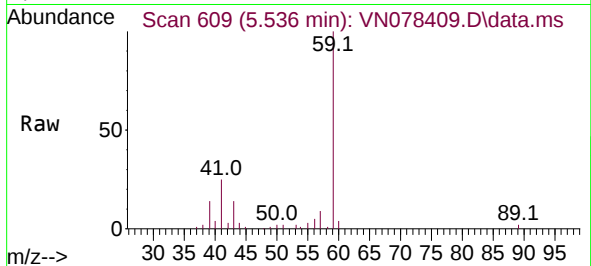
Tgt Ion:142 Resp: 299149
Ion Ratio Lower Upper
142 100
127 41.4 37.6 56.4
141 13.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 248.155 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

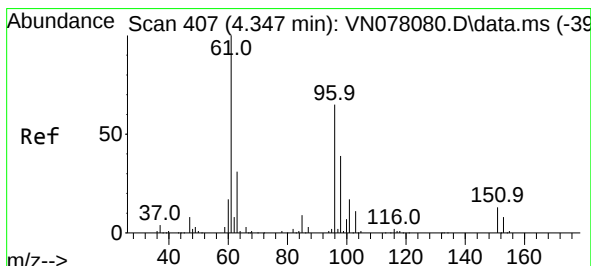
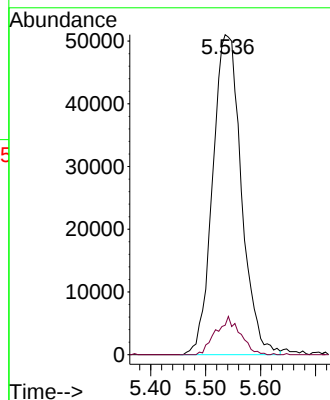
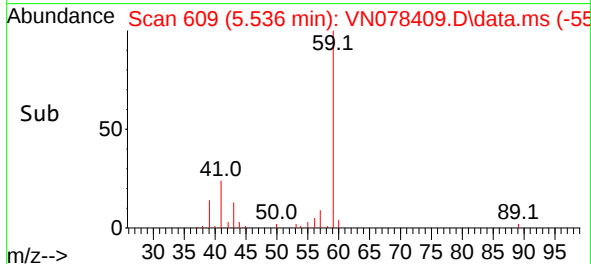
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



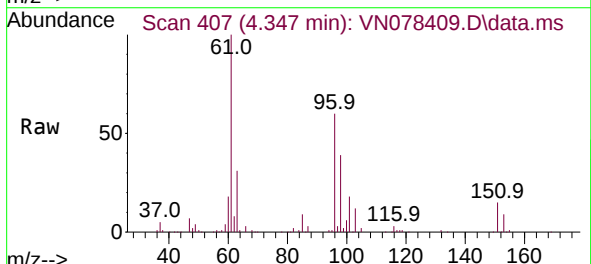
Tgt Ion: 59 Resp: 18476
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

Manual Integrations
APPROVED

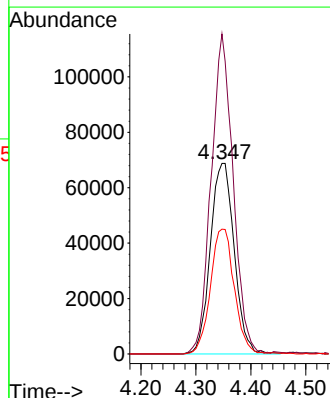
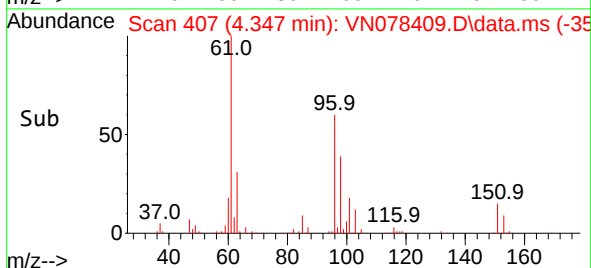
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#12
1,1-Dichloroethene
Concen: 47.121 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



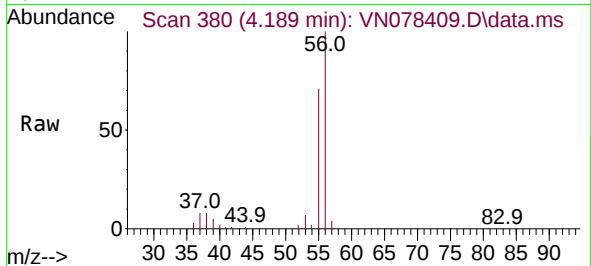
Tgt Ion: 96 Resp: 208095
Ion Ratio Lower Upper
96 100
61 167.9 112.7 169.1
98 65.5 51.2 76.8





#13
Acrolein
Concen: 299.362 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

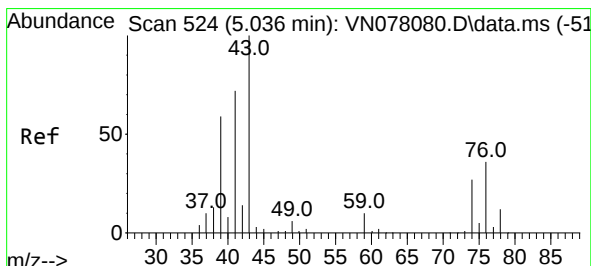
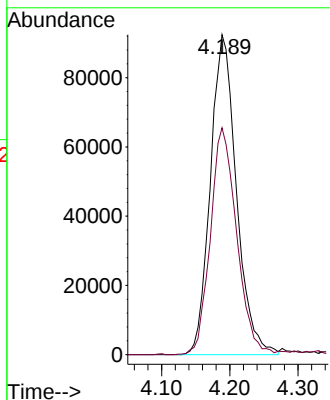
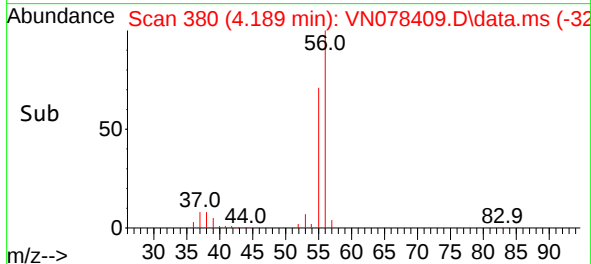
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 245650
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7

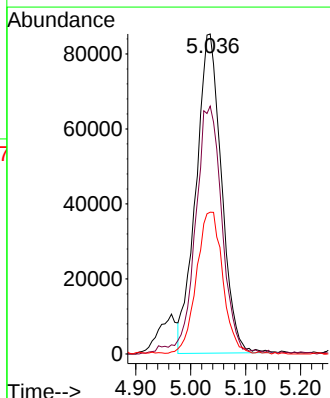
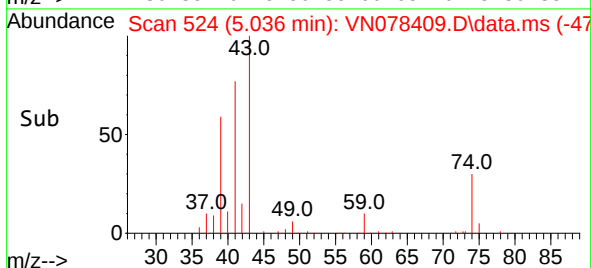
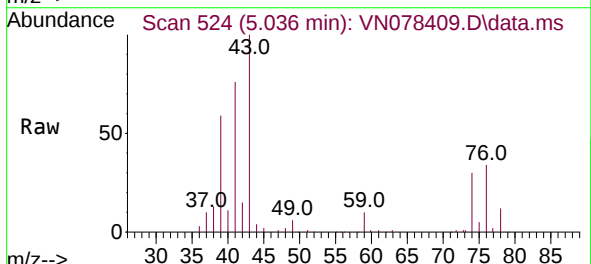
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#14
Allyl chloride
Concen: 50.935 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

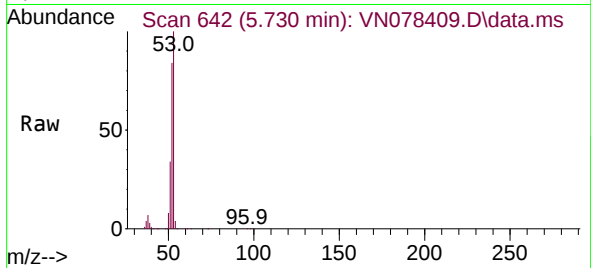
Tgt Ion: 41 Resp: 274585
Ion Ratio Lower Upper
41 100
39 81.7 58.8 88.2
76 45.2 39.1 58.7





#15
Acrylonitrile
Concen: 275.847 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

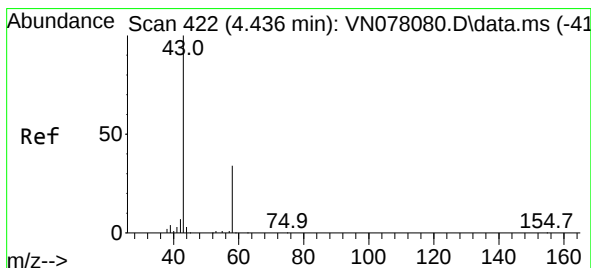
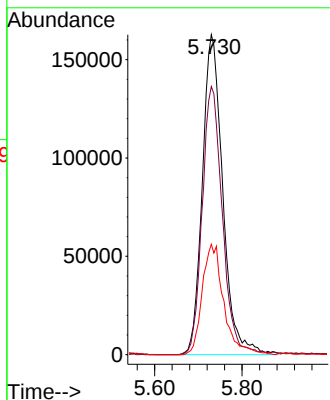
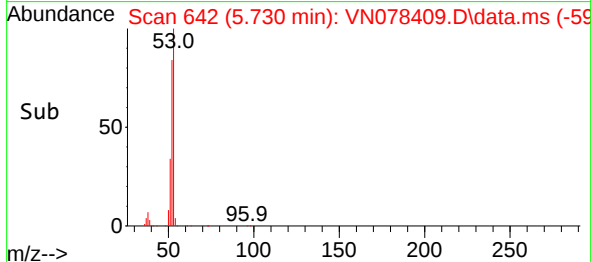
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 529498
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 36.3 28.9 43.3

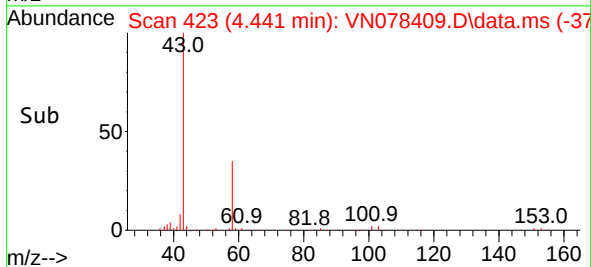
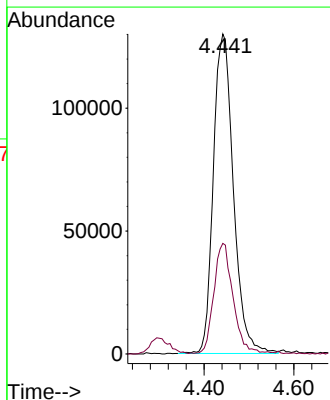
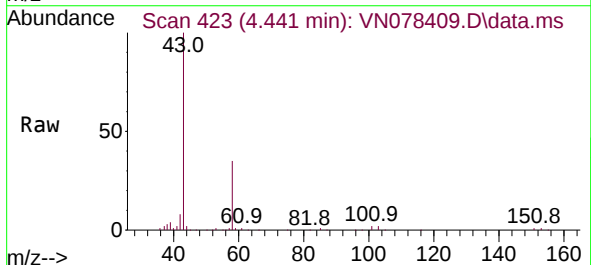
Manual Integrations
APPROVED

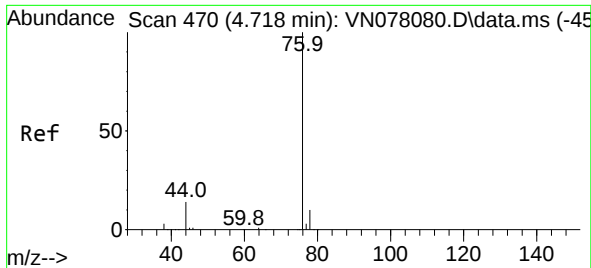
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#16
Acetone
Concen: 260.915 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

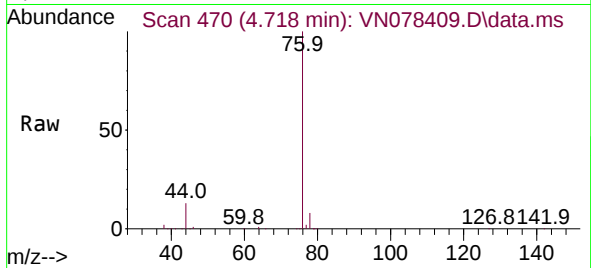
Tgt Ion: 43 Resp: 404952
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0





#17
Carbon Disulfide
Concen: 47.630 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

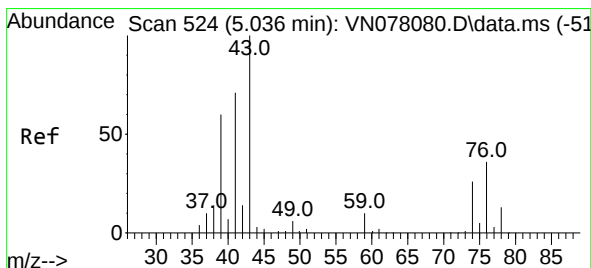
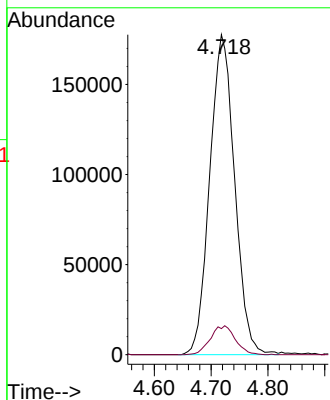
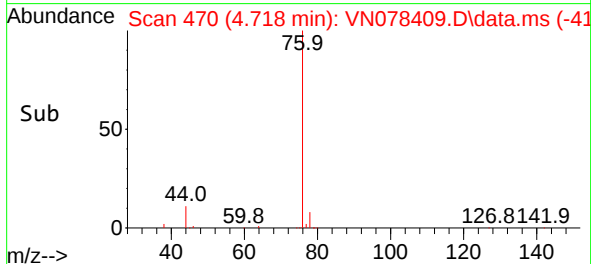
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



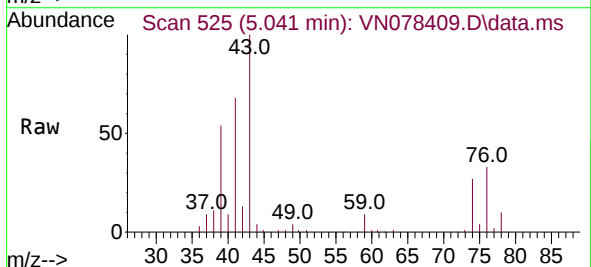
Tgt Ion: 76 Resp: 54140
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0

Manual Integrations
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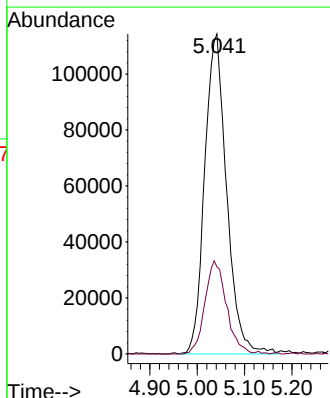
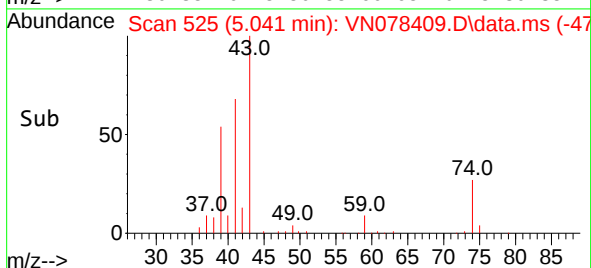
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

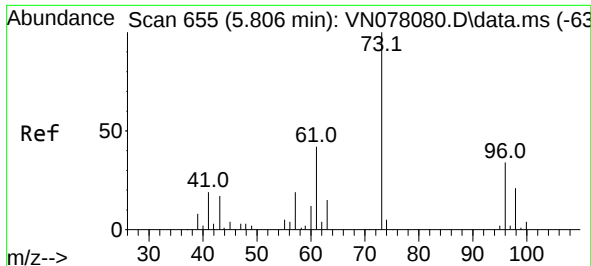


#18
Methyl Acetate
Concen: 51.545 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



Tgt Ion: 43 Resp: 368315
Ion Ratio Lower Upper
43 100
74 28.4 26.2 39.4





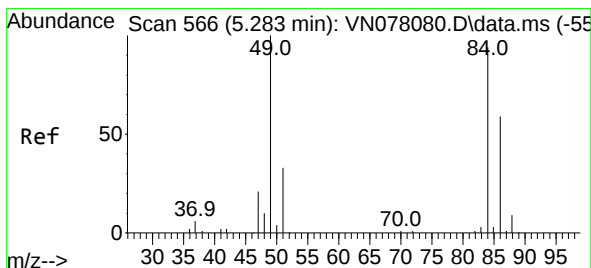
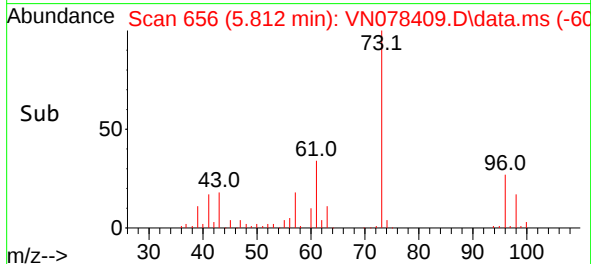
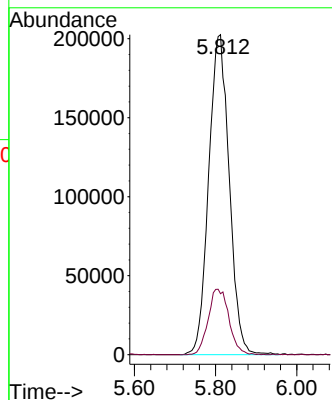
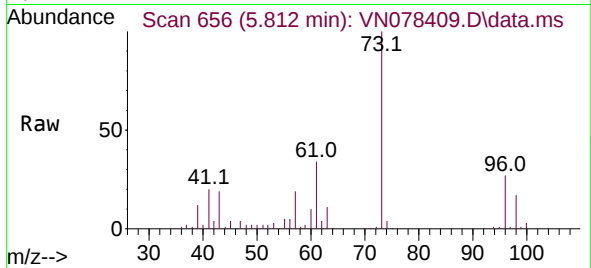
#19
Methyl tert-butyl Ether
Concen: 50.455 ug/l
RT: 5.812 min Scan# 655
Delta R.T. 0.006 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 710929
Ion Ratio Lower Upper
73 100
57 19.1 15.6 23.4

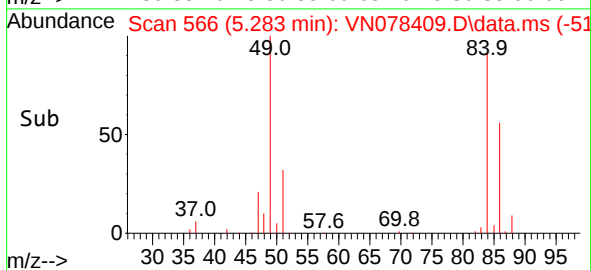
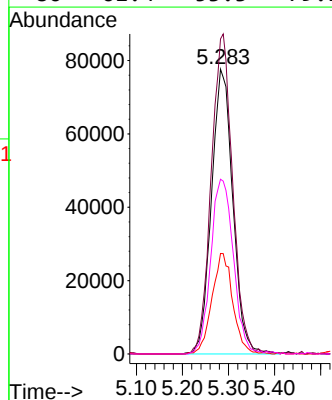
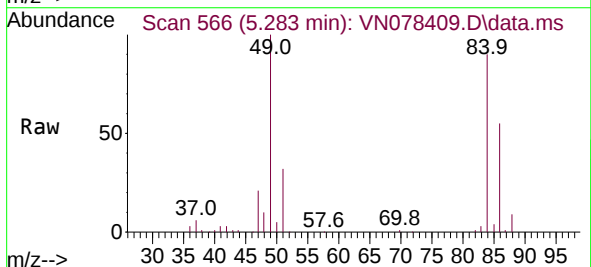
Manual Integrations
APPROVED

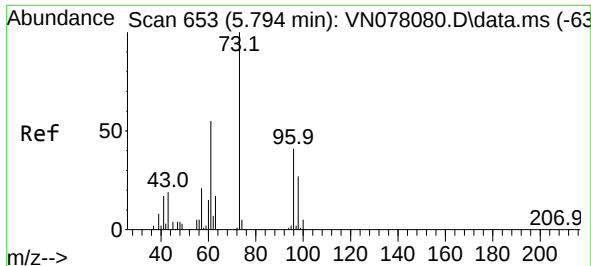
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#20
Methylene Chloride
Concen: 48.776 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

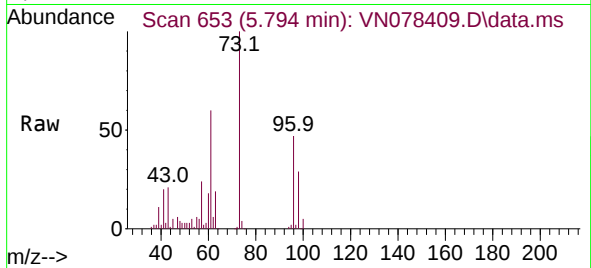
Tgt Ion: 84 Resp: 250160
Ion Ratio Lower Upper
84 100
49 110.7 79.7 119.5
51 35.3 25.2 37.8
86 61.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 49.446 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

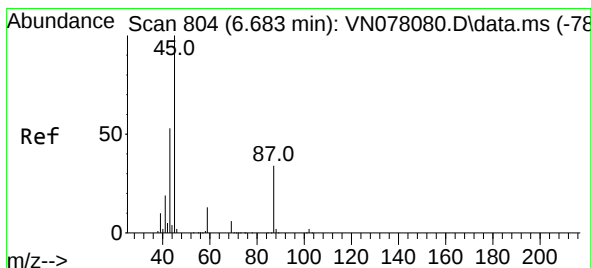
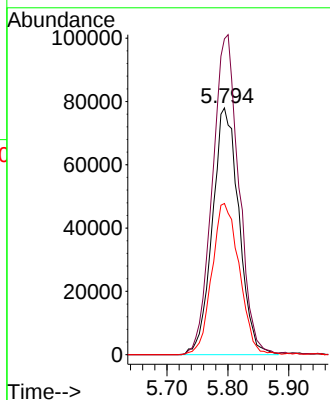
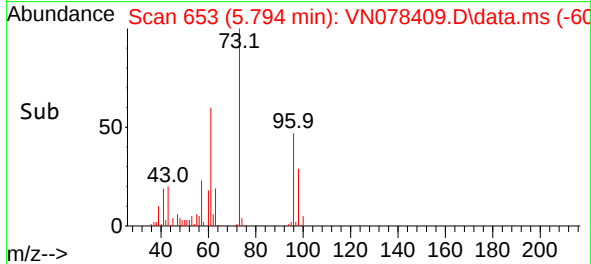
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 23552
Ion Ratio Lower Upper
96 100
61 128.0 90.1 135.1
98 61.3 46.4 69.6

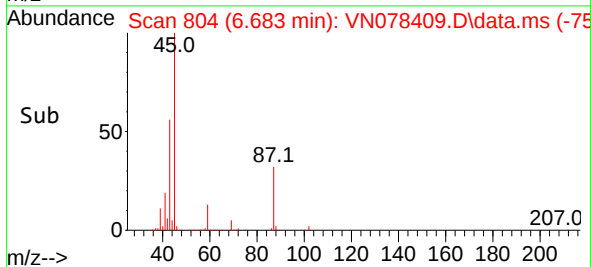
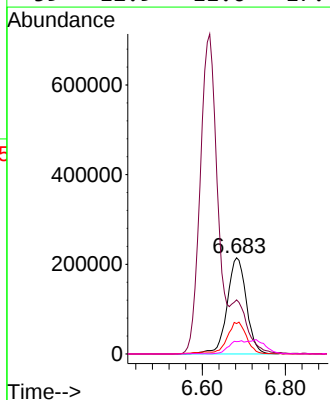
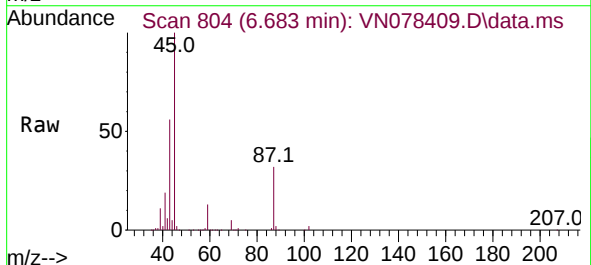
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#22
Diisopropyl ether
Concen: 54.166 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

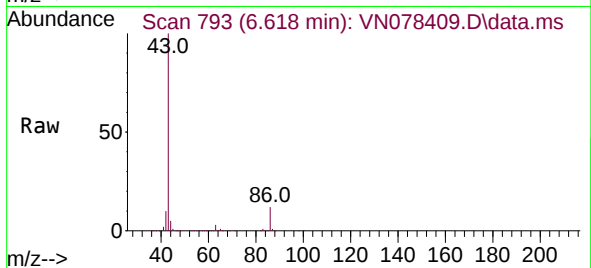
Tgt Ion: 45 Resp: 686855
Ion Ratio Lower Upper
45 100
43 56.3 45.5 68.3
87 31.4 31.8 47.8#
59 12.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 273.412 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078409.D
 Acq: 26 Jun 2023 18:01

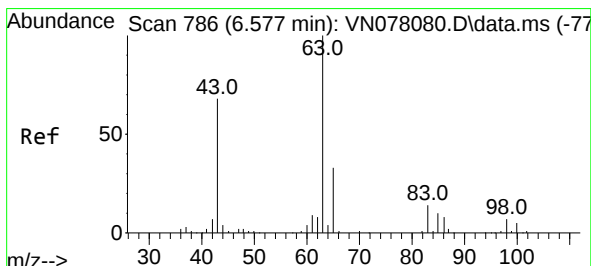
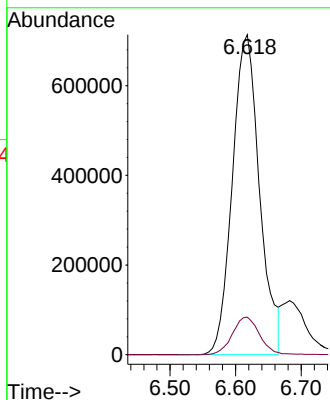
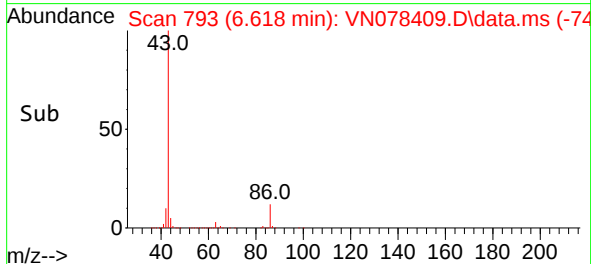
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



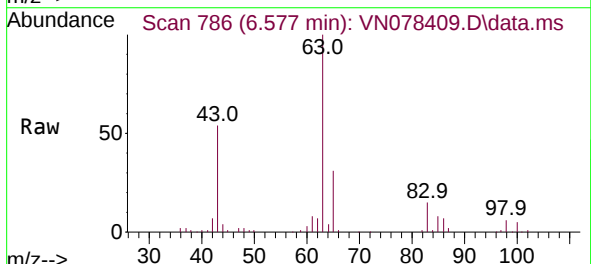
Tgt Ion: 43 Resp: 206095
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

Manual Integrations
 APPROVED

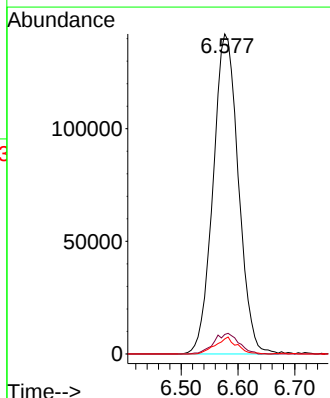
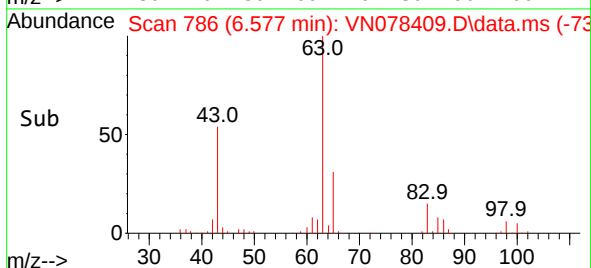
Reviewed By :John Carlone 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023



#24
 1,1-Dichloroethane
 Concen: 52.550 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078409.D
 Acq: 26 Jun 2023 18:01



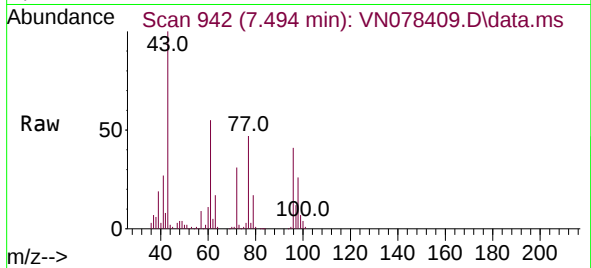
Tgt Ion: 63 Resp: 439585
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 4.7 2.5 7.4





#25
2-Butanone
Concen: 277.983 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

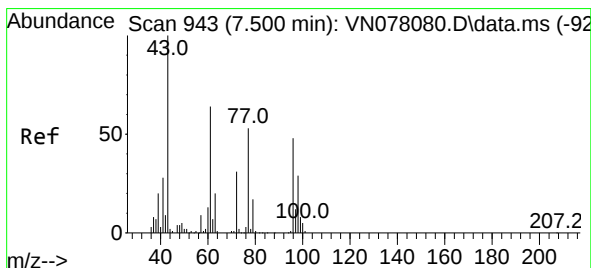
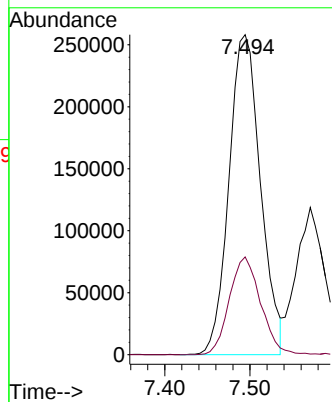
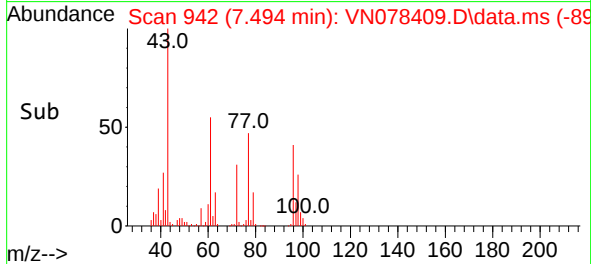
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



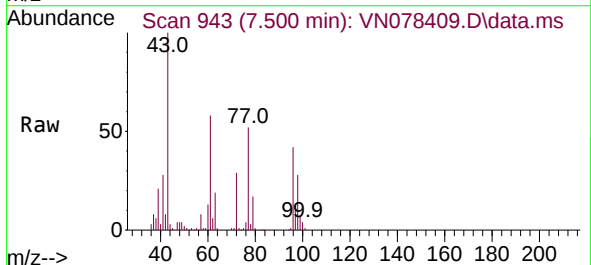
Tgt Ion: 43 Resp: 663460
Ion Ratio Lower Upper
43 100
72 30.6 30.2 45.2

Manual Integrations
APPROVED

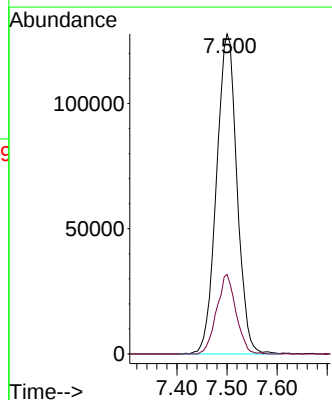
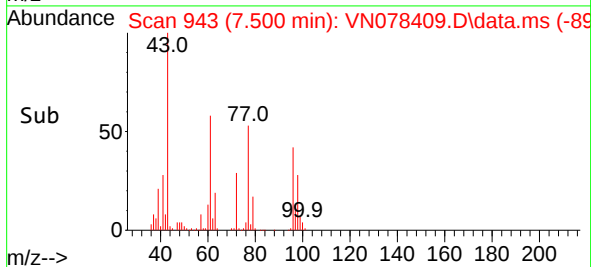
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#26
2,2-Dichloropropane
Concen: 58.687 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



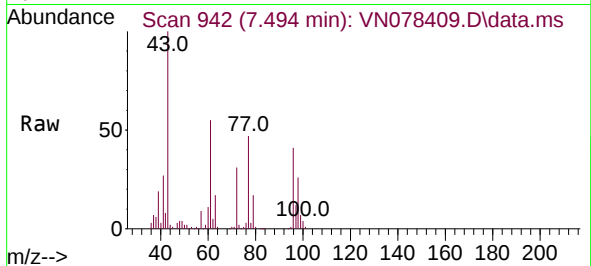
Tgt Ion: 77 Resp: 362484
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.265 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078409.D
 Acq: 26 Jun 2023 18:01

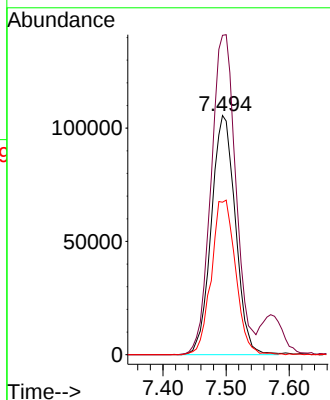
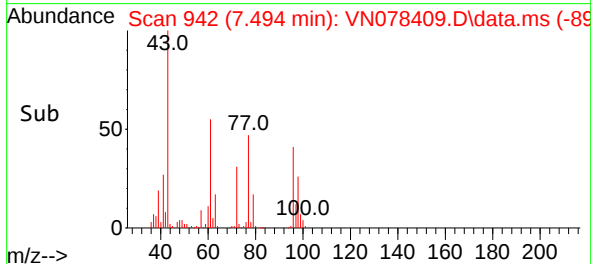
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 279900
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 255.2
 98 65.2 0.0 128.8

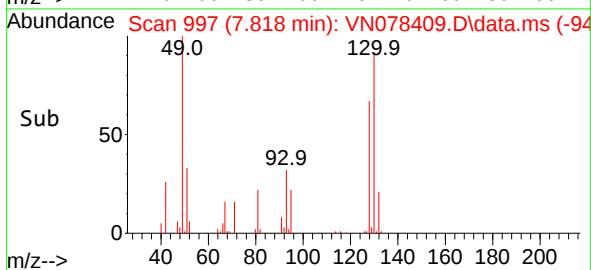
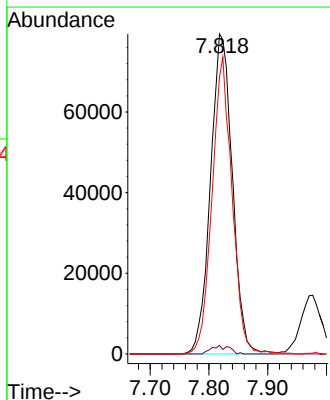
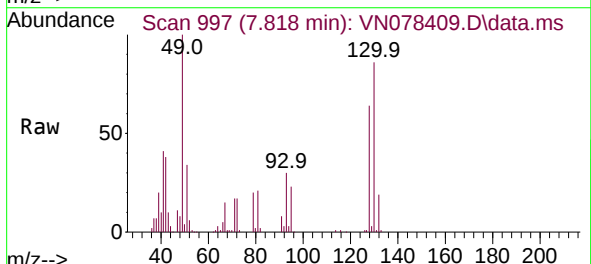
Manual Integrations
 APPROVED

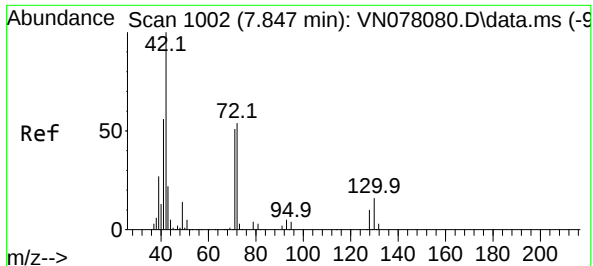
Reviewed By :John Carlone 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023



#28
 Bromochloromethane
 Concen: 53.410 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078409.D
 Acq: 26 Jun 2023 18:01

Tgt Ion: 49 Resp: 205137
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 84.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 276.305 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN078409.D

Acq: 26 Jun 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

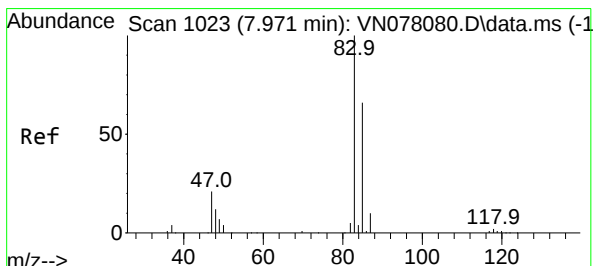
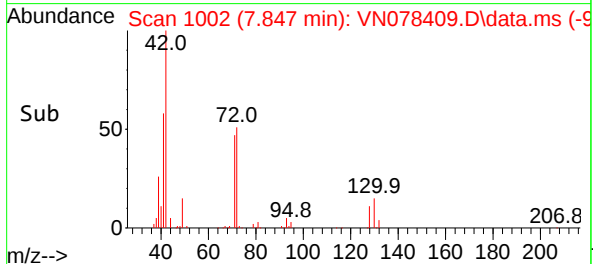
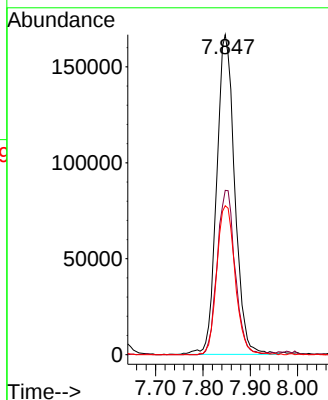
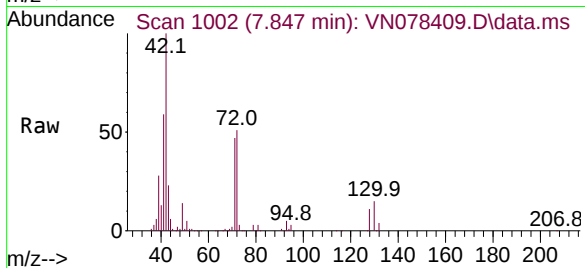
Tgt Ion: 42 Resp: 440854
 Ion Ratio Lower Upper
 42 100
 72 51.0 49.8 74.6
 71 47.5 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#30

Chloroform

Concen: 52.404 ug/l

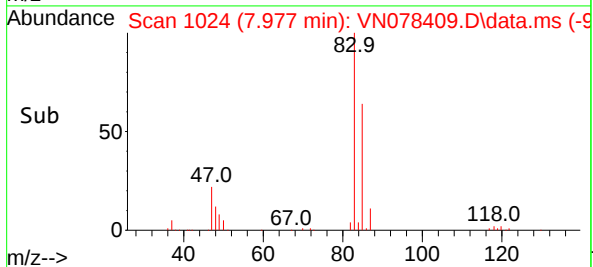
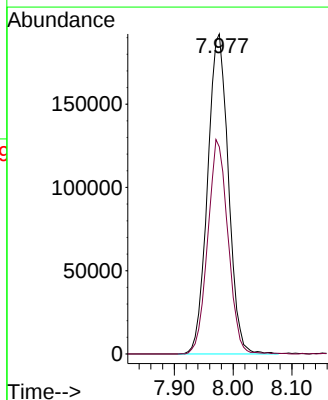
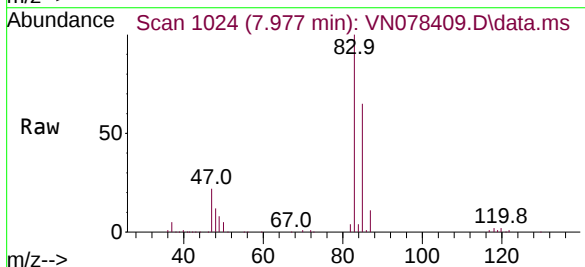
RT: 7.977 min Scan# 1024

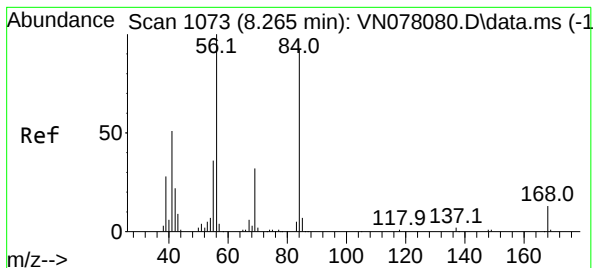
Delta R.T. 0.006 min

Lab File: VN078409.D

Acq: 26 Jun 2023 18:01

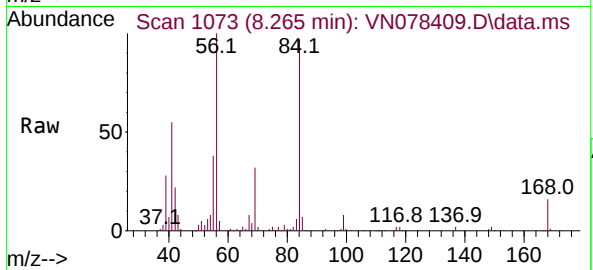
Tgt Ion: 83 Resp: 472040
 Ion Ratio Lower Upper
 83 100
 85 64.7 55.4 83.0





#31
Cyclohexane
Concen: 48.730 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

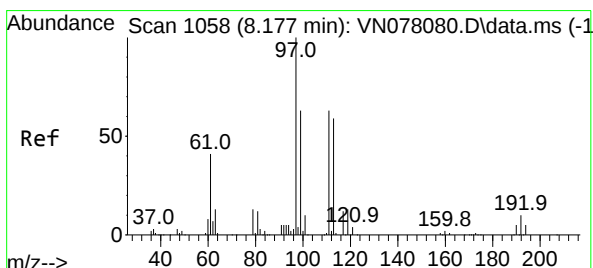
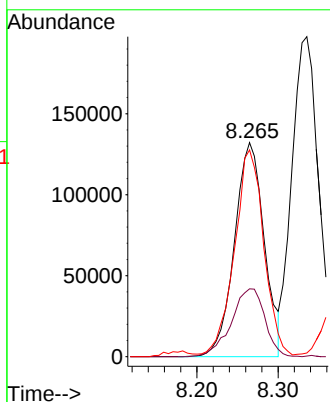
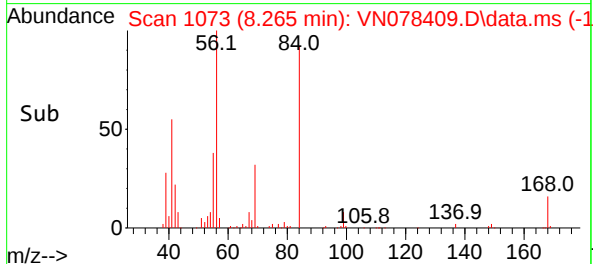
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



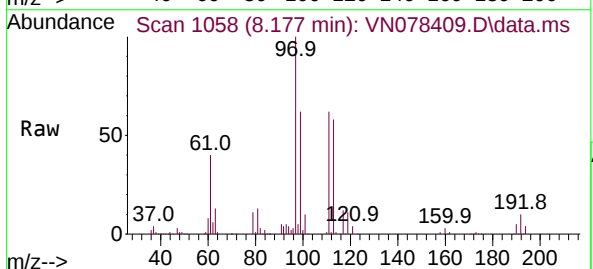
Tgt Ion: 56 Resp: 337060
Ion Ratio Lower Upper
56 100
69 31.2 26.8 40.2
84 94.5 81.8 122.6

Manual Integrations
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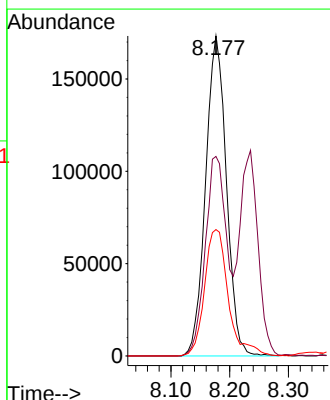
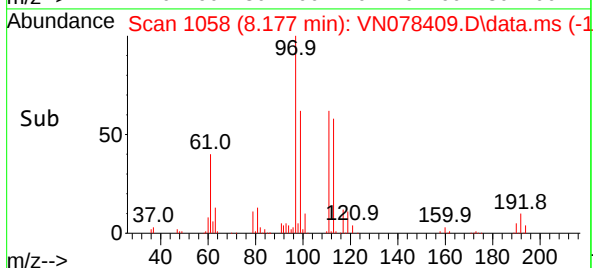
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

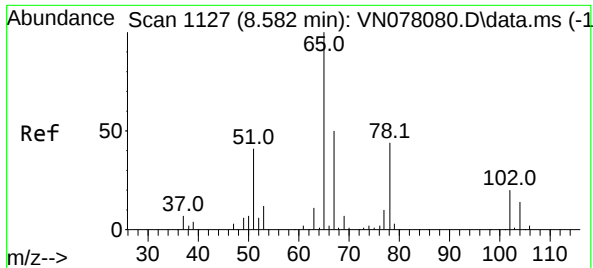


#32
1,1,1-Trichloroethane
Concen: 53.938 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



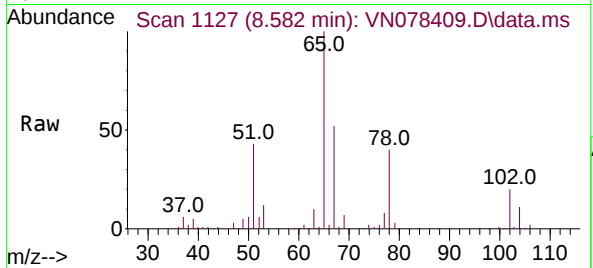
Tgt Ion: 97 Resp: 426549
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 45.0 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 51.866 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

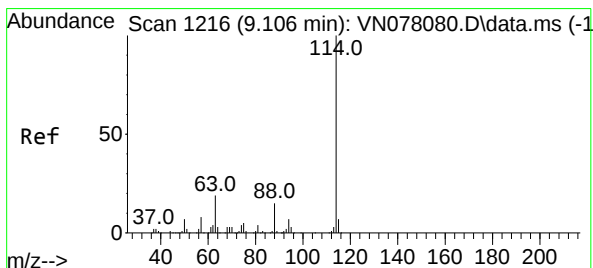
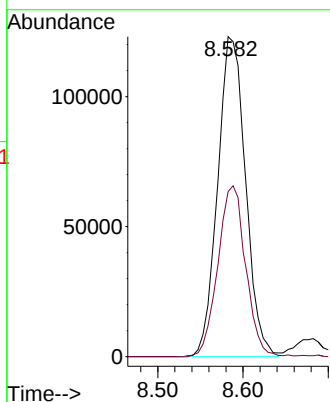
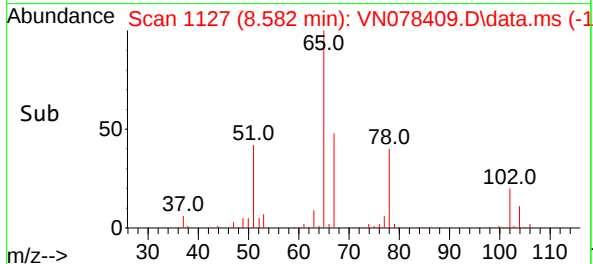
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



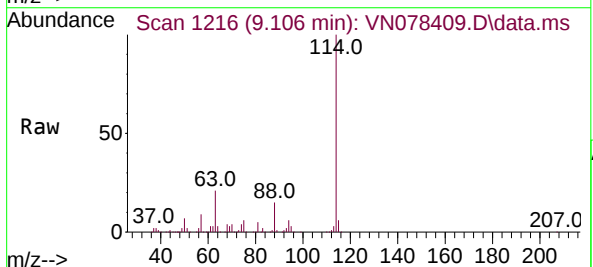
Tgt Ion: 65 Resp: 279669
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6

Manual Integrations
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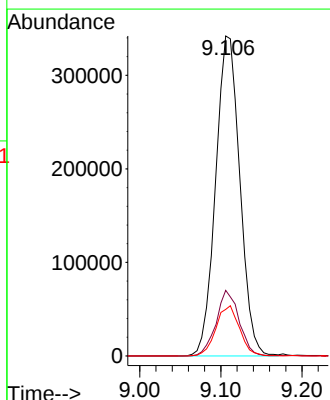
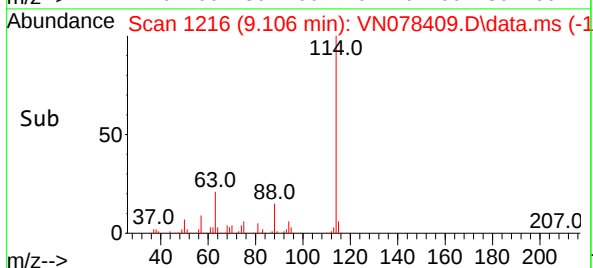
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



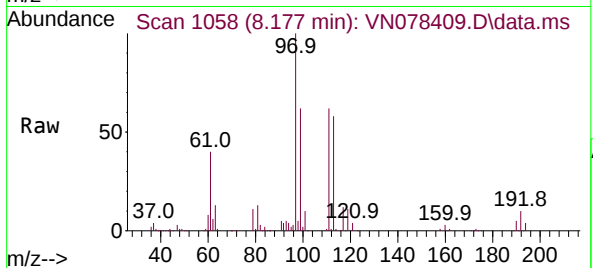
Tgt Ion:114 Resp: 709107
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 14.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.268 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

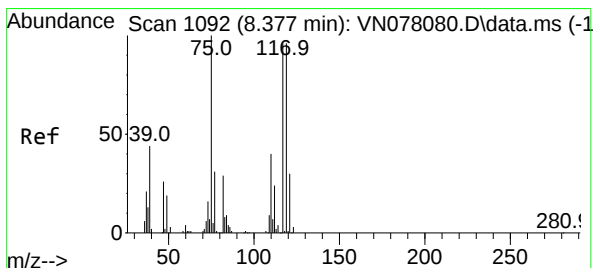
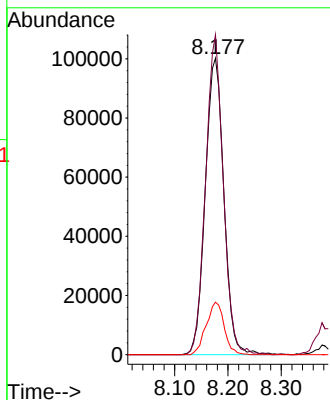
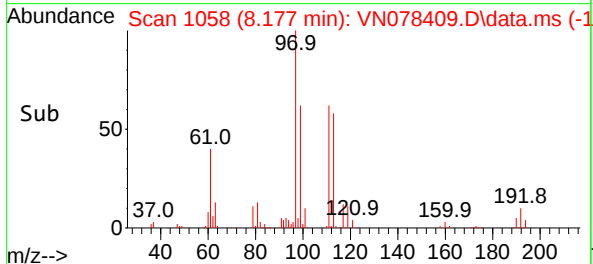
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



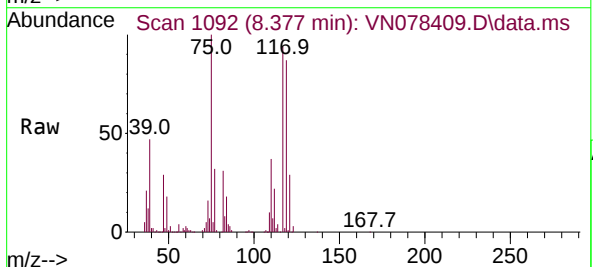
Tgt Ion: 113 Resp: 24331
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 17.2 12.7 19.1

Manual Integrations
APPROVED

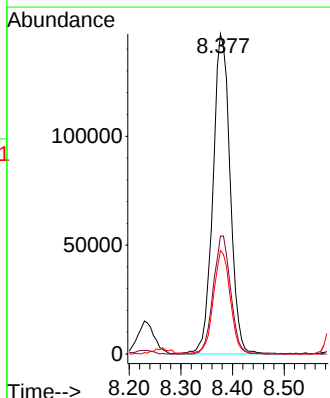
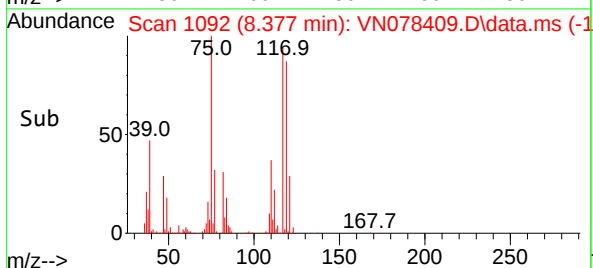
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

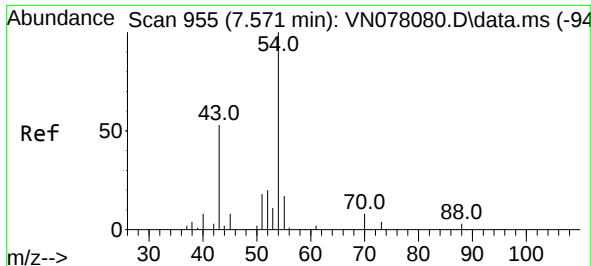


#36
1,1-Dichloropropene
Concen: 52.890 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



Tgt Ion: 75 Resp: 340147
Ion Ratio Lower Upper
75 100
110 37.0 19.1 57.3
77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 57.350 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078409.D

Acq: 26 Jun 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 28812

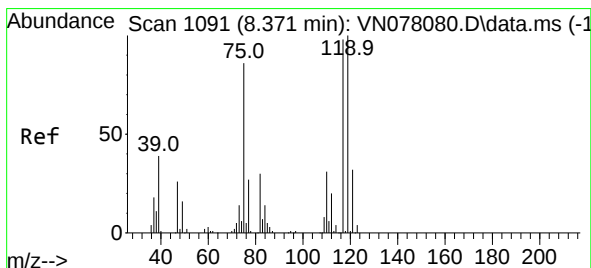
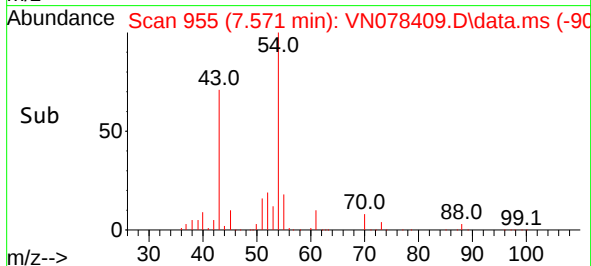
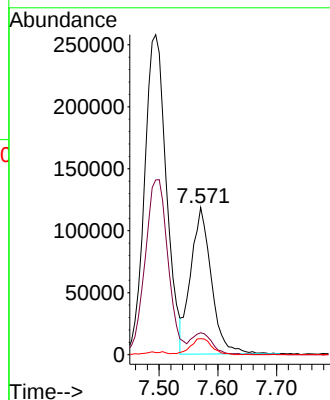
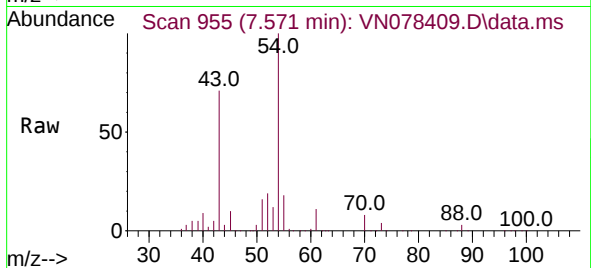
Ion	Ratio	Lower	Upper
43	100		
61	15.0	13.2	19.8
70	11.2	11.3	16.9

Manual Integrations

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Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#38

Carbon Tetrachloride

Concen: 54.623 ug/l

RT: 8.371 min Scan# 1091

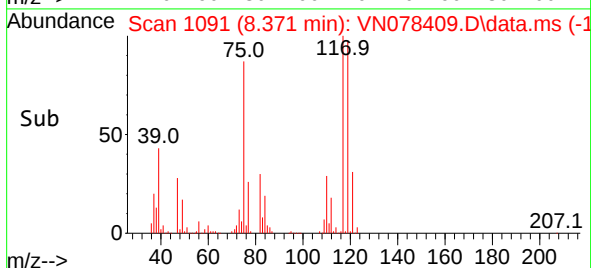
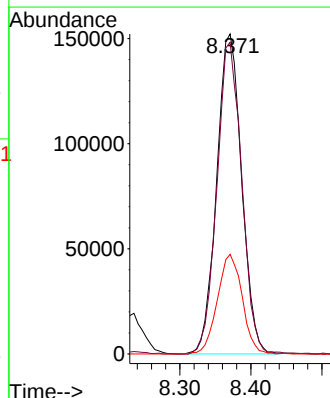
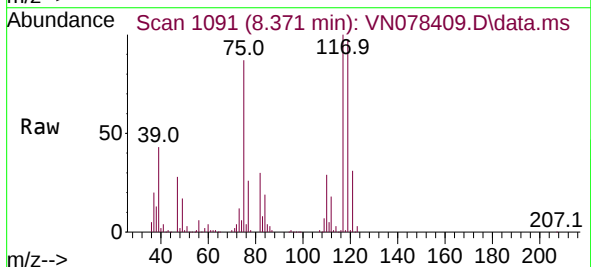
Delta R.T. -0.000 min

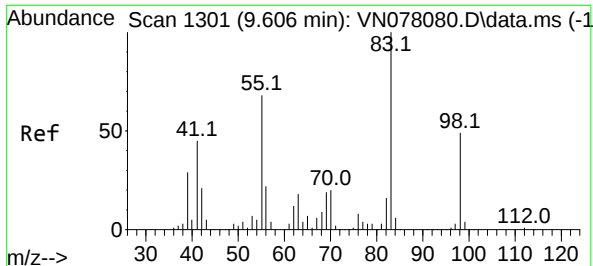
Lab File: VN078409.D

Acq: 26 Jun 2023 18:01

Tgt Ion:117 Resp: 370929

Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.3	115.9
121	31.2	23.3	34.9





#39

Methylcyclohexane

Concen: 46.616 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078409.D

Acq: 26 Jun 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 310690

Ion Ratio Lower Upper

83 100

55 68.1 49.1 73.7

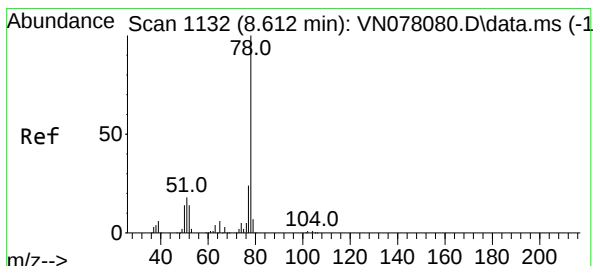
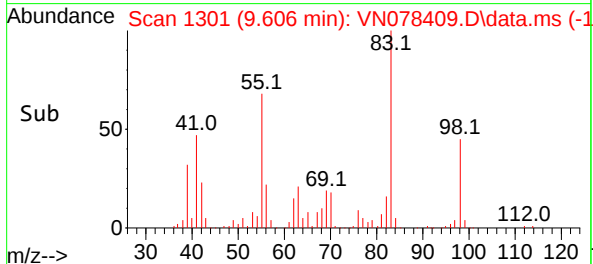
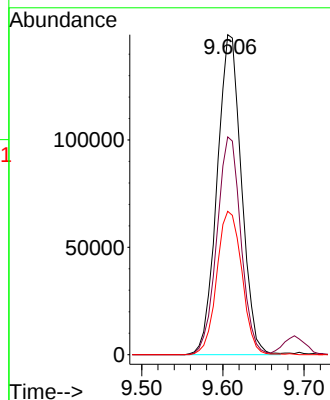
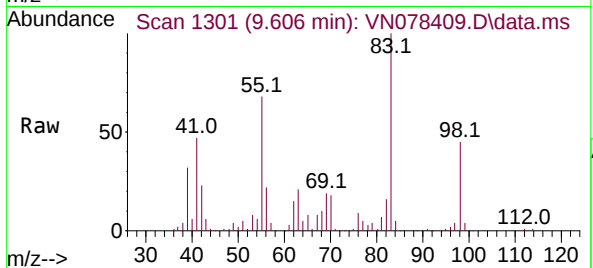
98 44.8 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#40

Benzene

Concen: 54.262 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078409.D

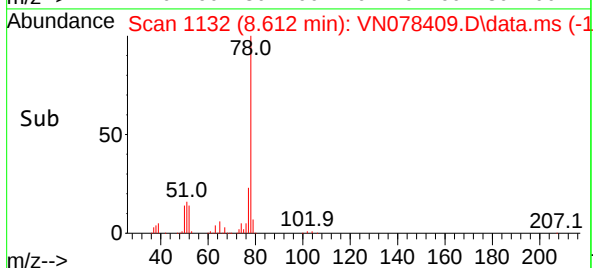
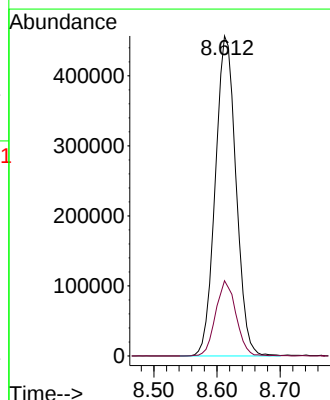
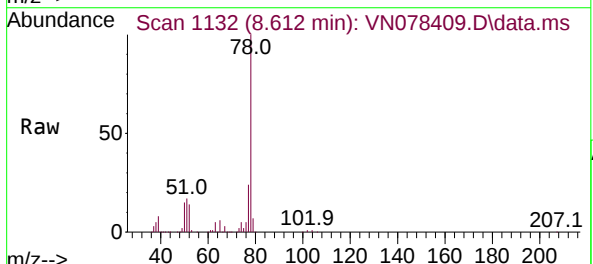
Acq: 26 Jun 2023 18:01

Tgt Ion: 78 Resp: 1041828

Ion Ratio Lower Upper

78 100

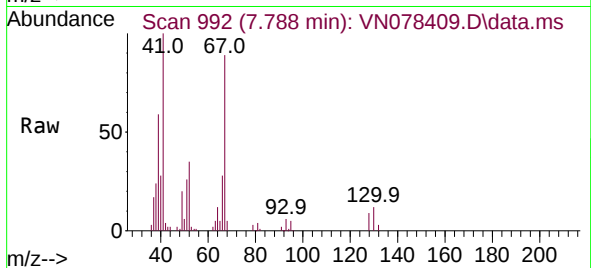
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 51.108 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

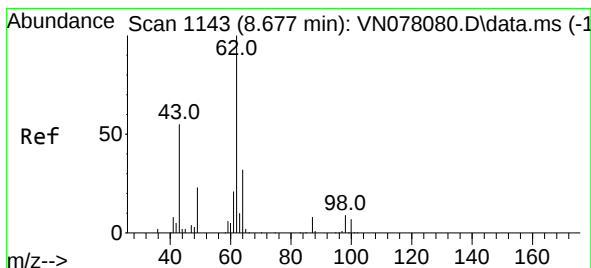
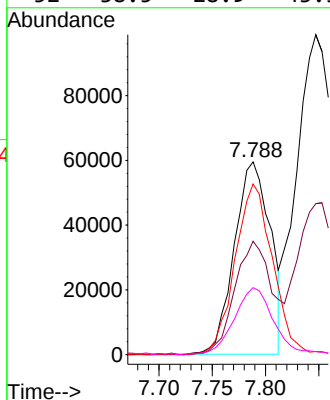
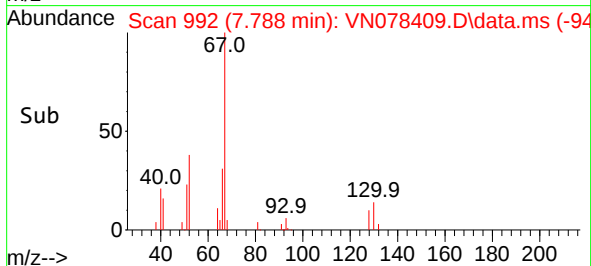
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 13917
Ion Ratio Lower Upper
41 100
39 63.3 42.6 64.0
67 93.6 77.5 116.3
52 38.5 28.9 43.3

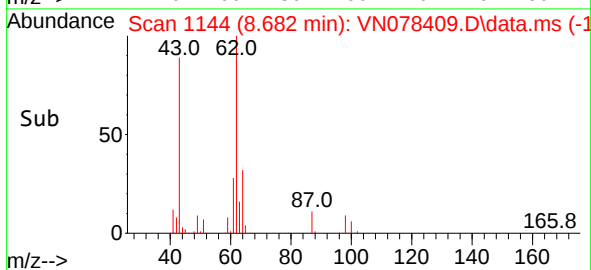
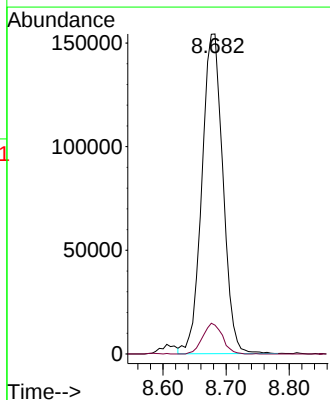
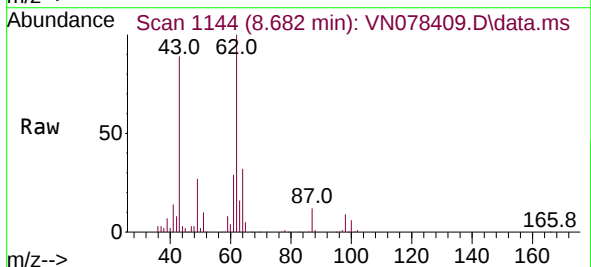
Manual Integrations
APPROVED

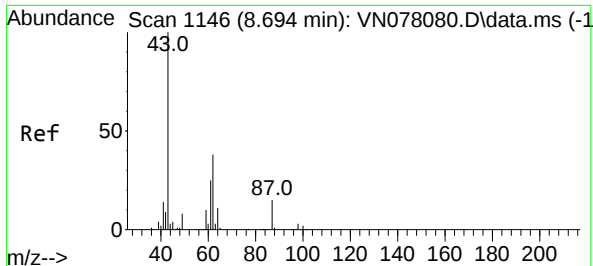
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#42
1,2-Dichloroethane
Concen: 54.318 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

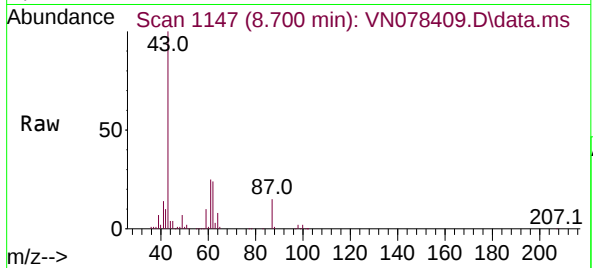
Tgt Ion: 62 Resp: 357574
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 51.865 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

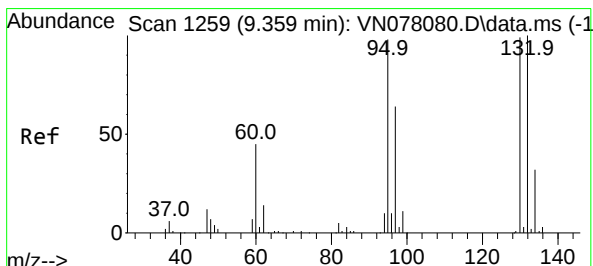
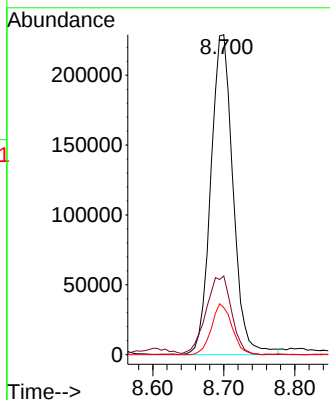
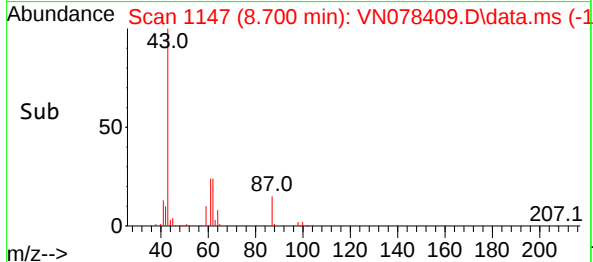
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 498328
Ion Ratio Lower Upper
43 100
61 28.3 24.7 37.1
87 14.7 14.6 21.8

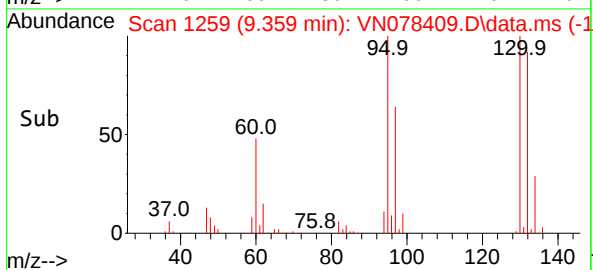
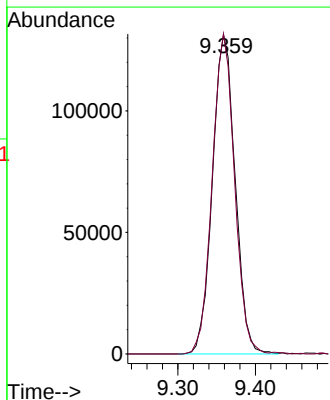
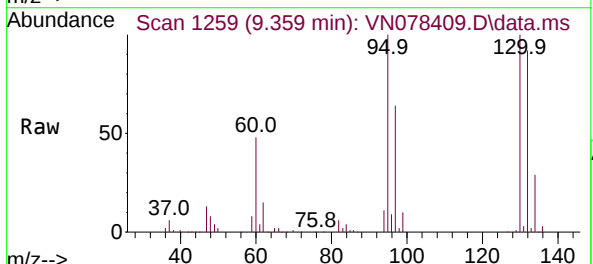
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#44
Trichloroethene
Concen: 52.694 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Tgt Ion:130 Resp: 267184
Ion Ratio Lower Upper
130 100
95 100.1 0.0 204.6





#45
1,2-Dichloropropane
Concen: 55.319 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

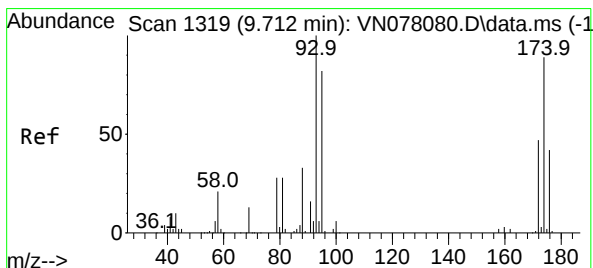
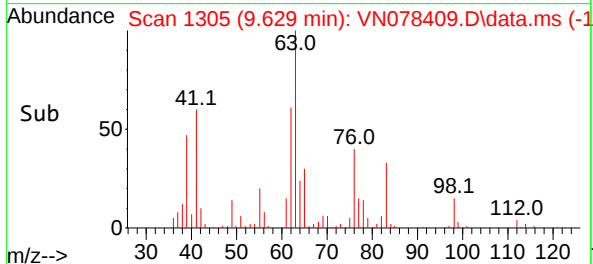
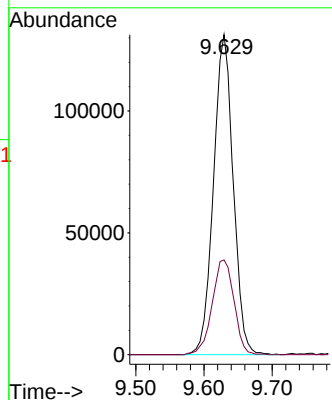
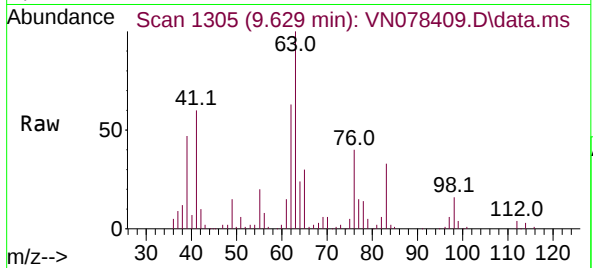
VSTDCCC050EC

Tgt Ion: 63 Resp: 26425
Ion Ratio Lower Upper
63 100
65 29.6 23.9 35.9

Manual Integrations

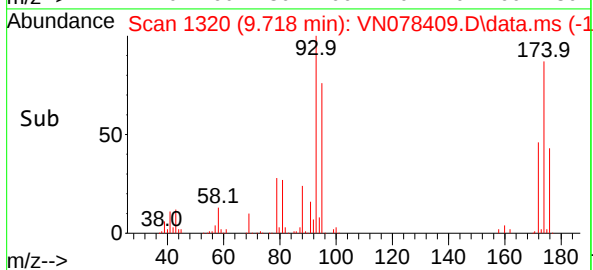
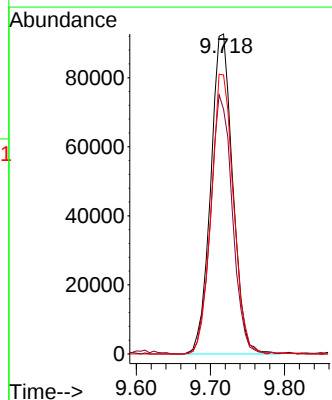
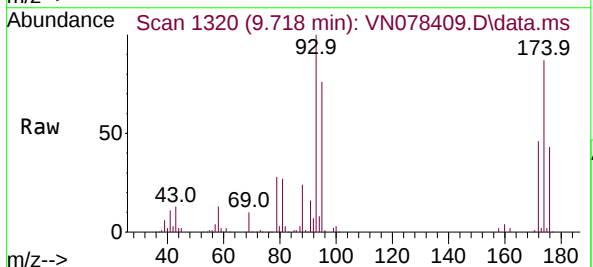
APPROVED

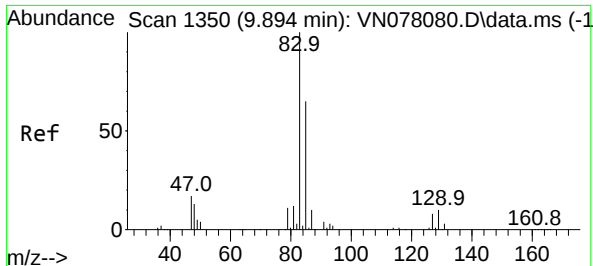
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#46
Dibromomethane
Concen: 54.463 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

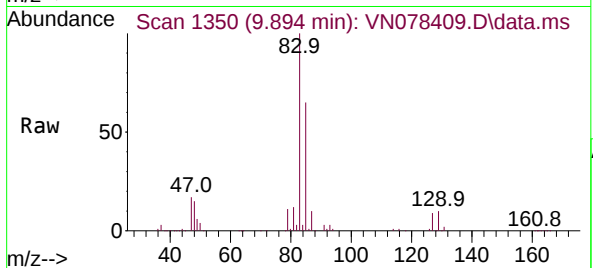
Tgt Ion: 93 Resp: 191631
Ion Ratio Lower Upper
93 100
95 79.9 63.8 95.8
174 87.9 65.6 98.4





#47
Bromodichloromethane
Concen: 57.974 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

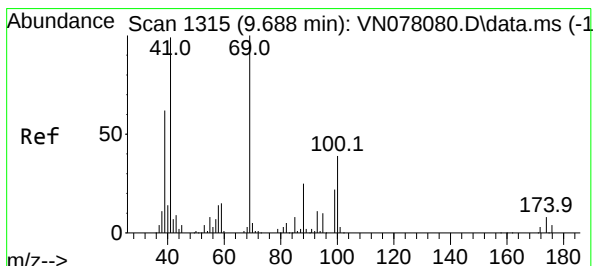
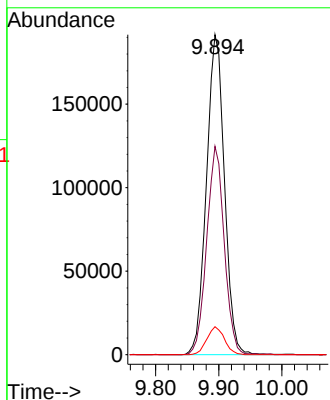
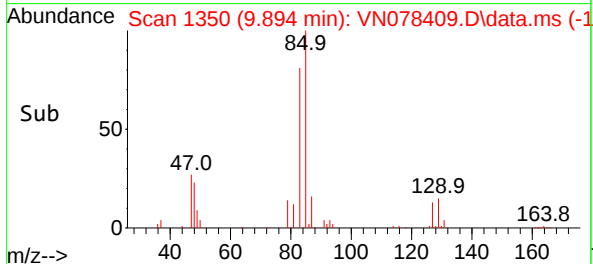
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 378902
Ion Ratio Lower Upper
83 100
85 65.1 49.6 74.4
127 8.8 7.0 10.6

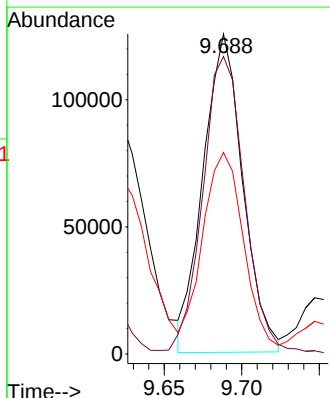
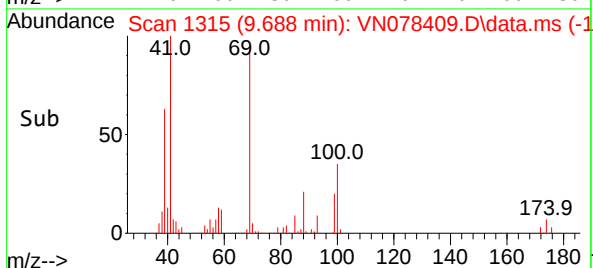
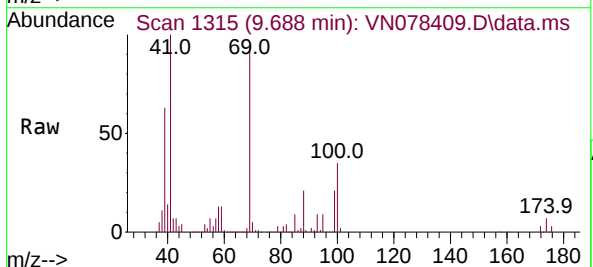
Manual Integrations
APPROVED

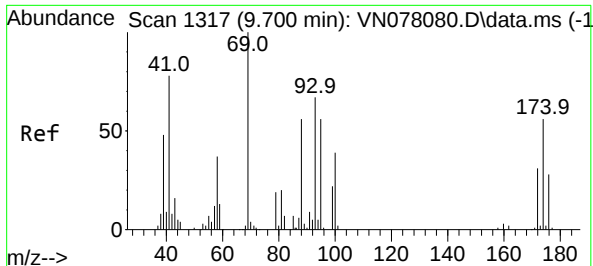
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#48
Methyl methacrylate
Concen: 55.295 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Tgt Ion: 41 Resp: 222958
Ion Ratio Lower Upper
41 100
69 99.9 90.4 135.6
39 66.1 54.6 81.8





#49

1,4-Dioxane

Concen: 1125.442 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078409.D

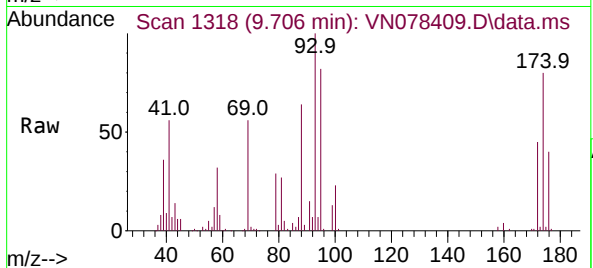
Acq: 26 Jun 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



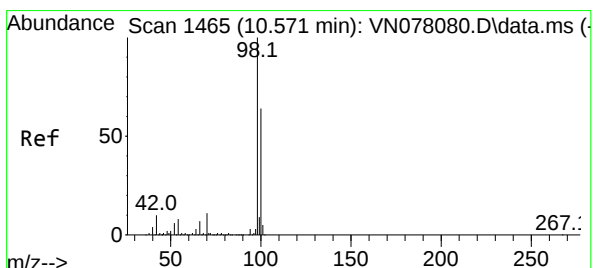
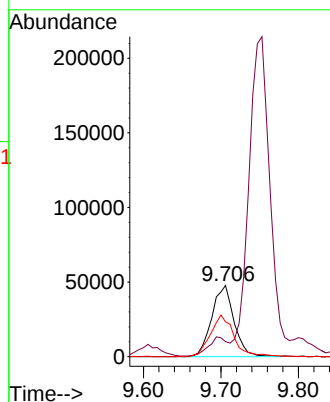
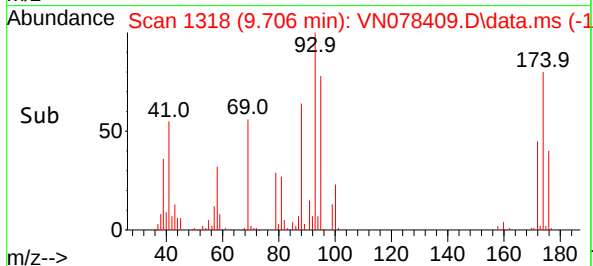
Tgt Ion:	88	Resp:	95378
Ion	Ratio	Lower	Upper
88	100		
43	23.2	17.0	25.6
58	62.4	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#50

Toluene-d8

Concen: 51.742 ug/l

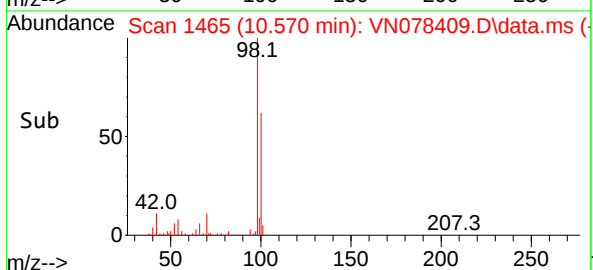
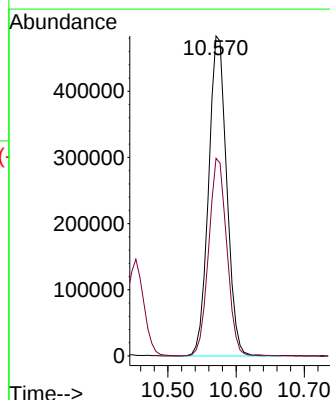
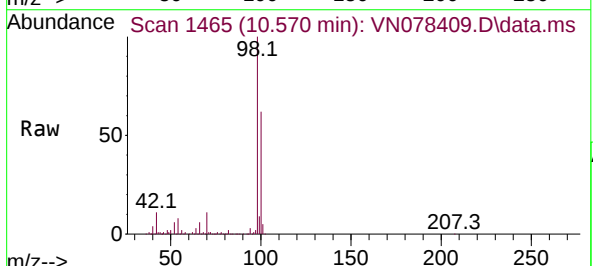
RT: 10.570 min Scan# 1465

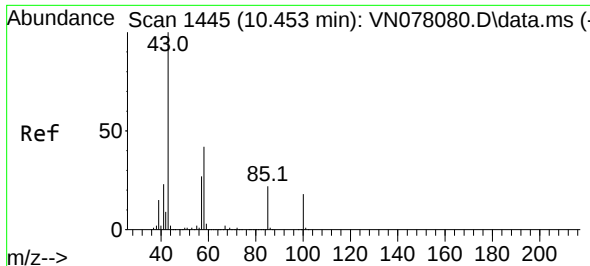
Delta R.T. -0.000 min

Lab File: VN078409.D

Acq: 26 Jun 2023 18:01

Tgt Ion:	98	Resp:	894341
Ion	Ratio	Lower	Upper
98	100		
100	61.8	52.0	78.0





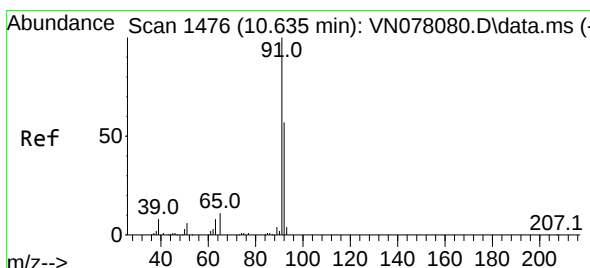
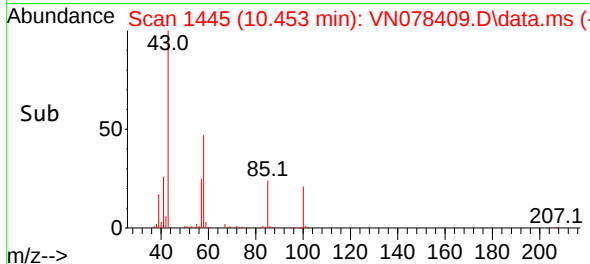
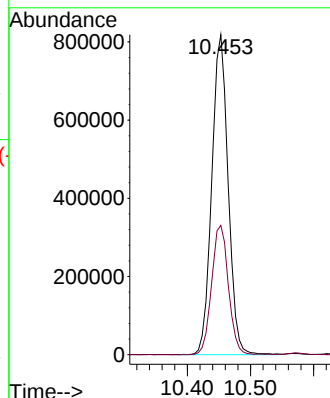
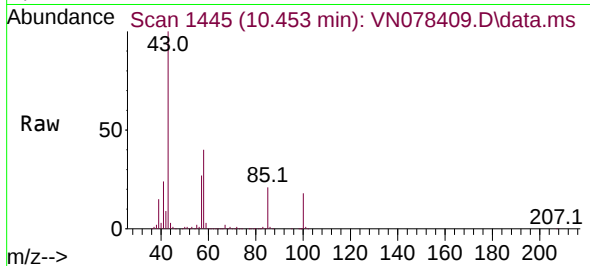
#51
4-Methyl-2-Pentanone
Concen: 290.487 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1469749
Ion Ratio Lower Upper
43 100
58 41.6 36.6 54.8

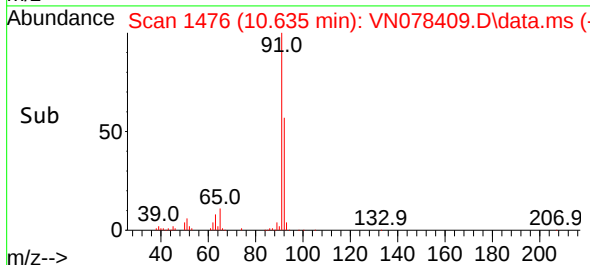
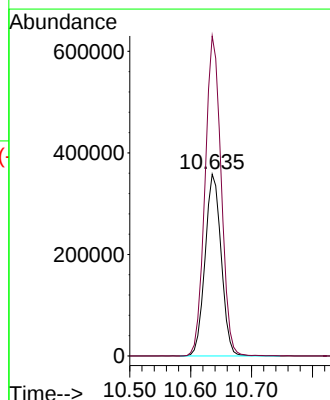
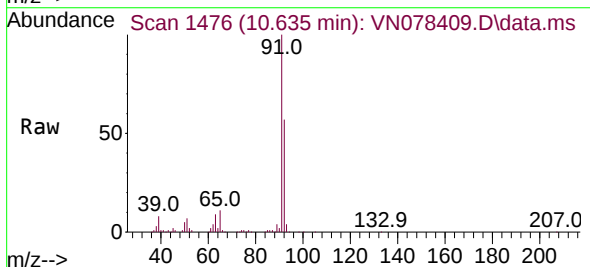
Manual Integrations
APPROVED

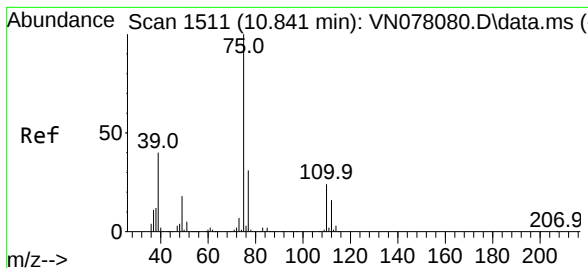
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#52
Toluene
Concen: 54.319 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

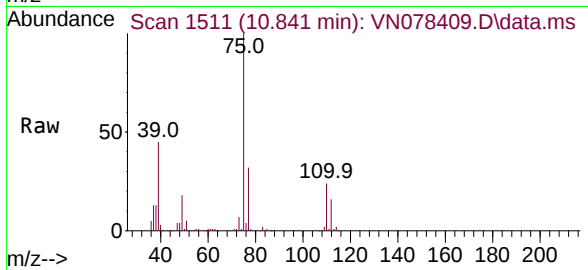
Tgt Ion: 92 Resp: 658461
Ion Ratio Lower Upper
92 100
91 176.1 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 56.919 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN078409.D
 Acq: 26 Jun 2023 18:01

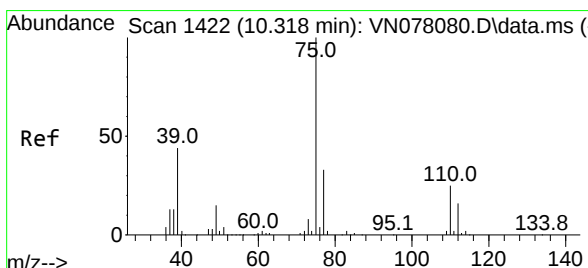
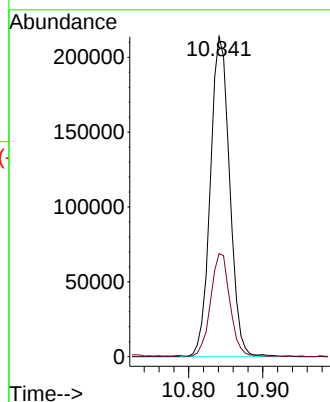
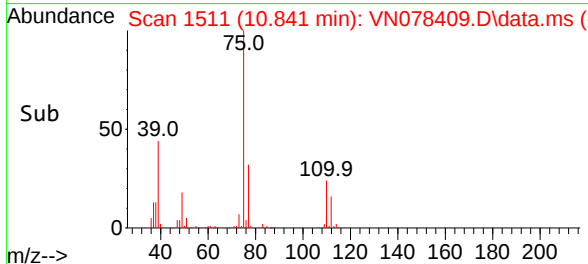
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



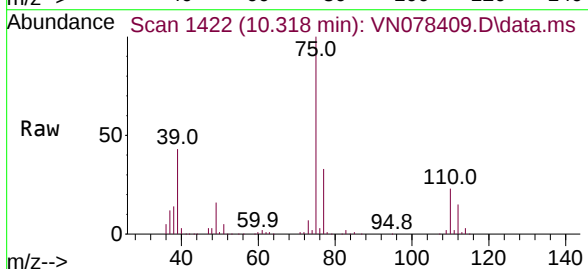
Tgt Ion: 75 Resp: 387428
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0

Manual Integrations
 APPROVED

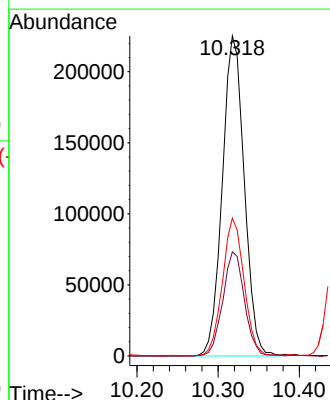
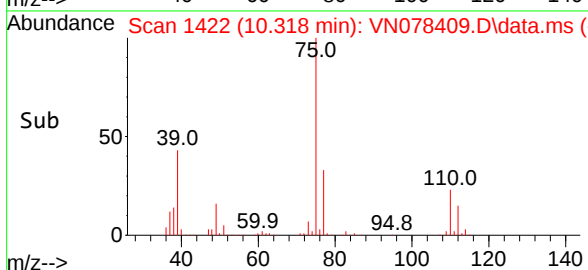
Reviewed By :John Carlone 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

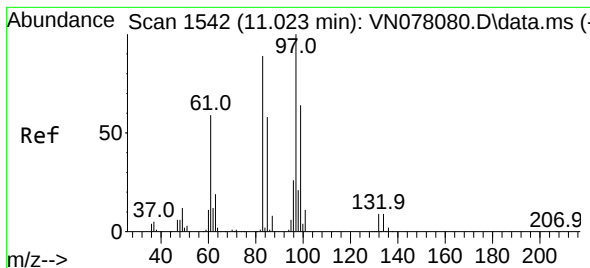


#54
 cis-1,3-Dichloropropene
 Concen: 56.182 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078409.D
 Acq: 26 Jun 2023 18:01



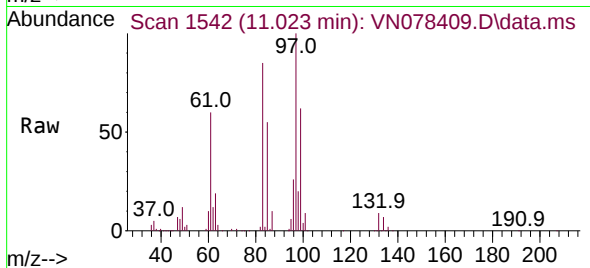
Tgt Ion: 75 Resp: 422724
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.1 39.1
 39 43.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 56.941 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

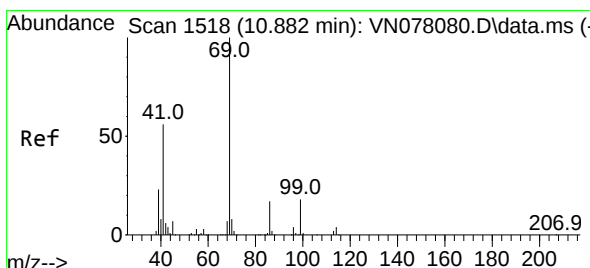
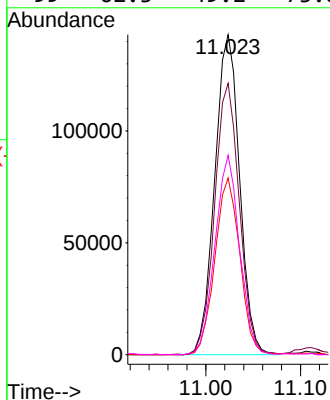
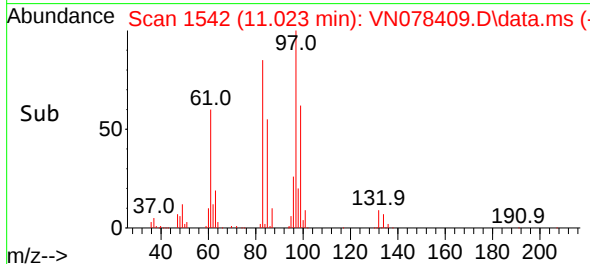
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



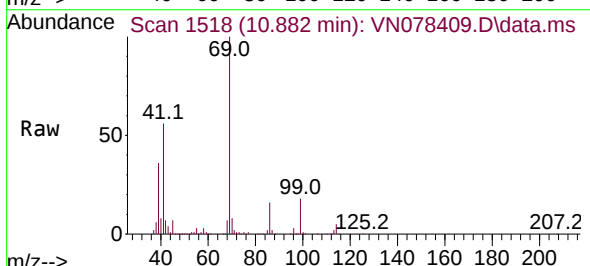
Tgt Ion:	97	Resp:	26111
Ion Ratio	100	Lower	Upper
97	100		
83	84.6	65.1	97.7
85	55.2	43.4	65.2
99	62.3	49.2	73.8

Manual Integrations
APPROVED

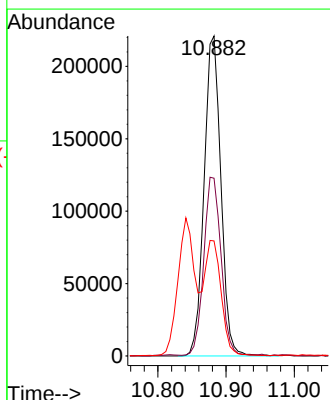
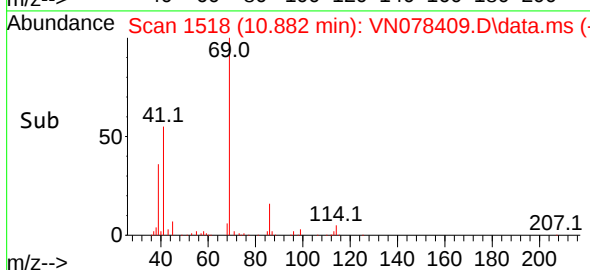
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

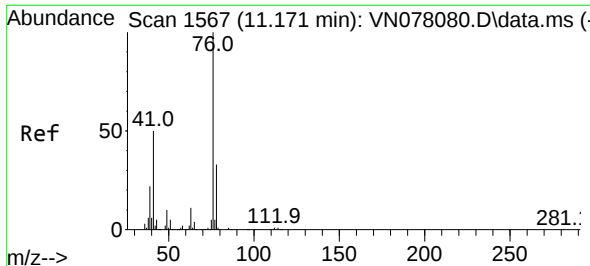


#56
Ethyl methacrylate
Concen: 56.671 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



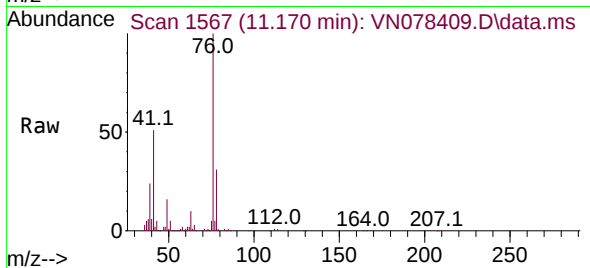
Tgt Ion:	69	Resp:	378402
Ion Ratio	100	Lower	Upper
69	100		
41	56.9	39.6	59.4
39	37.3	28.6	43.0





#57
1,3-Dichloropropane
Concen: 56.685 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

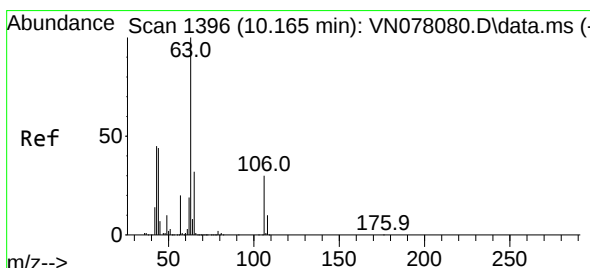
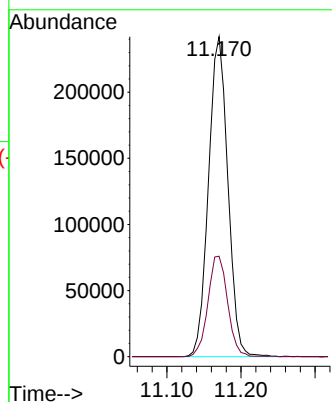
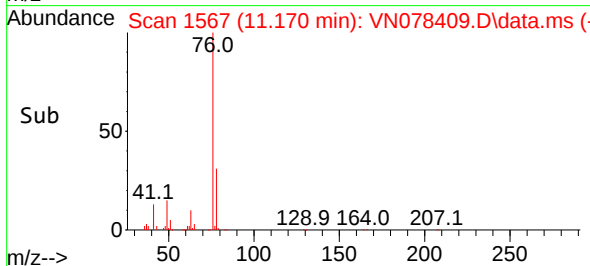
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



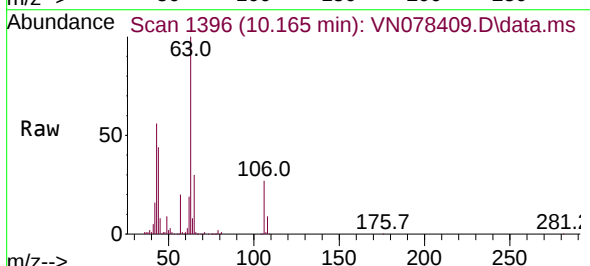
Tgt Ion: 76 Resp: 438772
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1

Manual Integrations
APPROVED

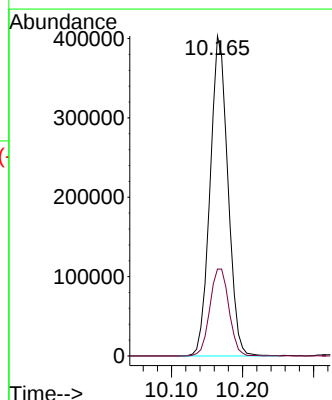
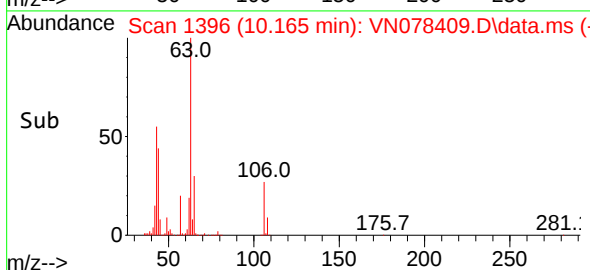
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

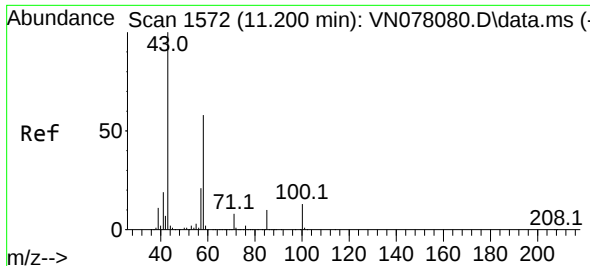


#58
2-Chloroethyl Vinyl ether
Concen: 260.242 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



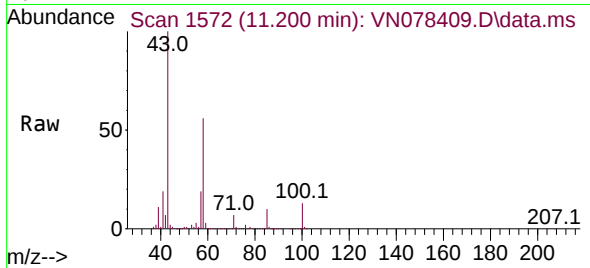
Tgt Ion: 63 Resp: 701966
Ion Ratio Lower Upper
63 100
106 29.1 26.2 39.4





#59
2-Hexanone
Concen: 295.005 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

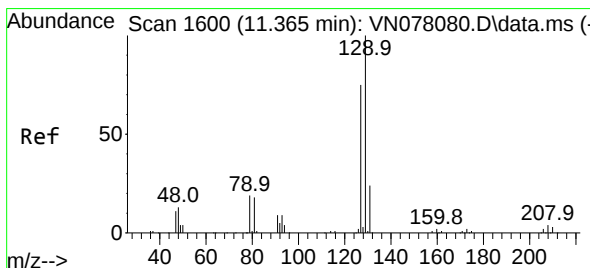
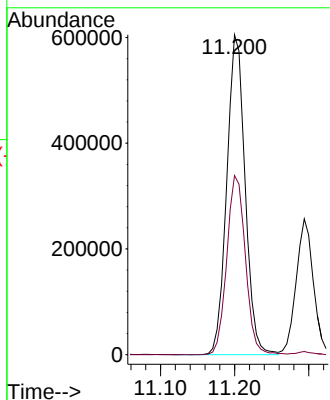
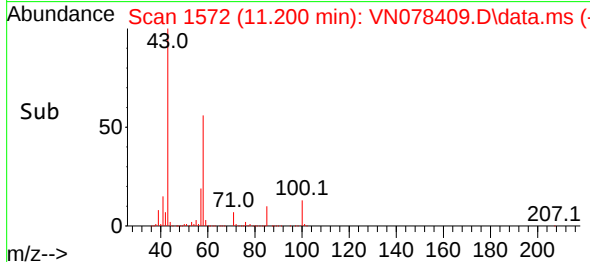
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1039289
Ion Ratio Lower Upper
43 100
58 56.9 31.7 95.1

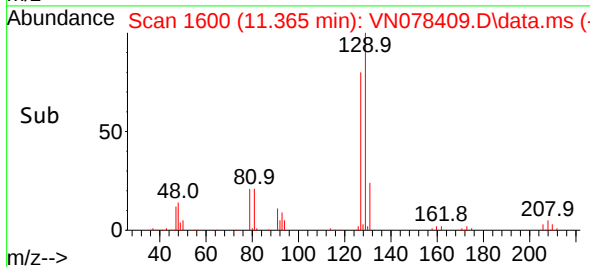
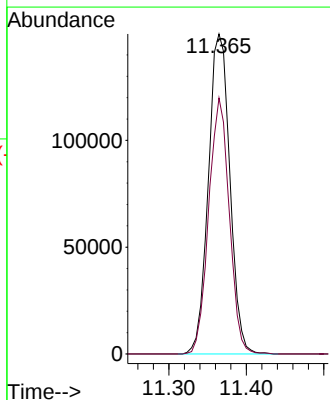
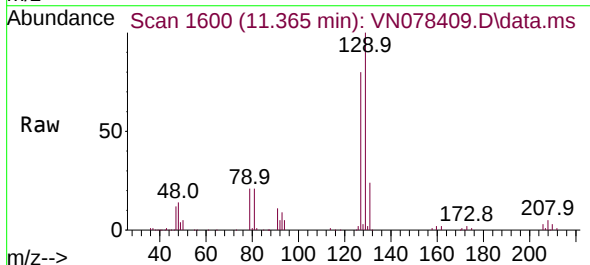
Manual Integrations
APPROVED

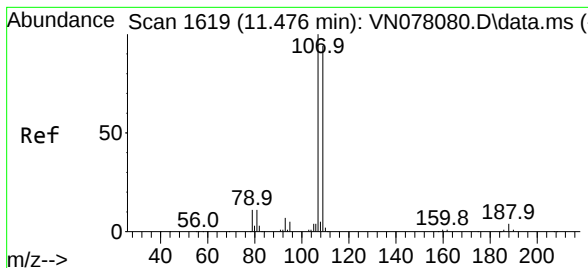
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#60
Dibromochloromethane
Concen: 57.493 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

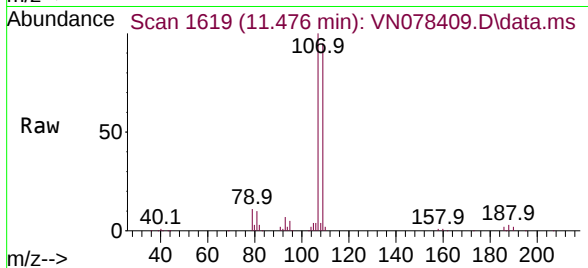
Tgt Ion:129 Resp: 288496
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.963 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

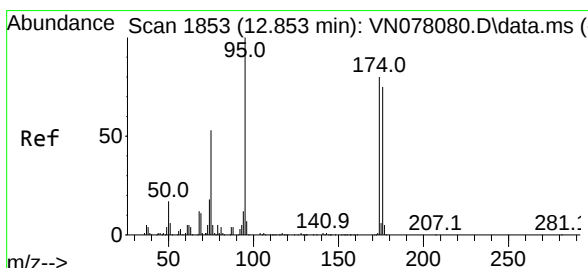
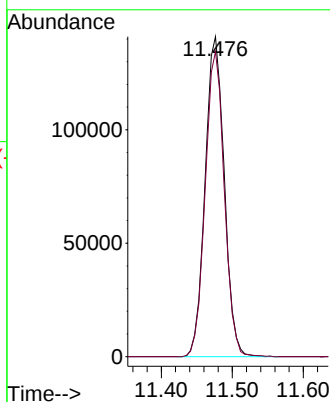
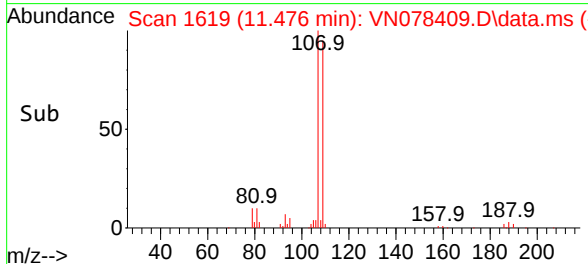
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



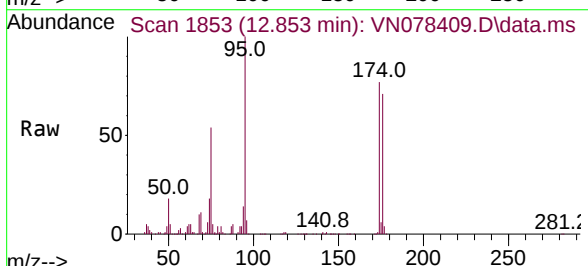
Tgt Ion:107 Resp: 264500
Ion Ratio Lower Upper
107 100
109 95.0 76.6 114.8

Manual Integrations
APPROVED

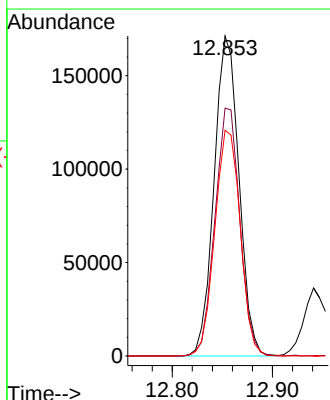
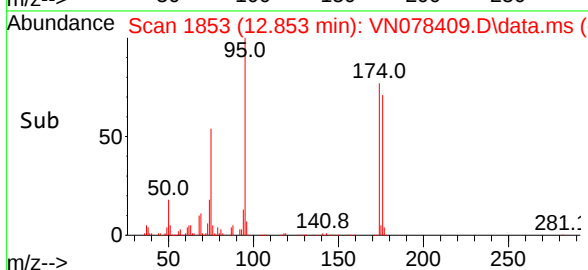
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

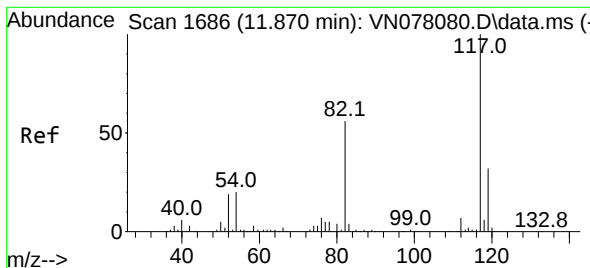


#62
4-Bromofluorobenzene
Concen: 54.827 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



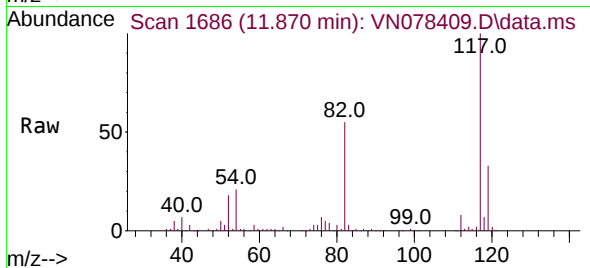
Tgt Ion: 95 Resp: 294606
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 72.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

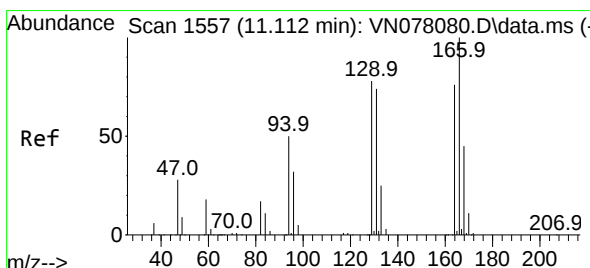
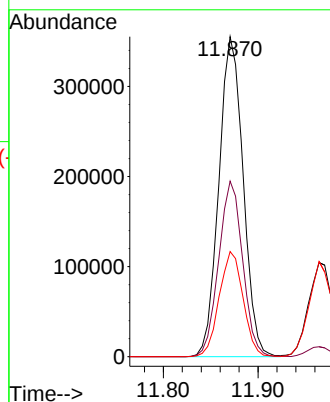
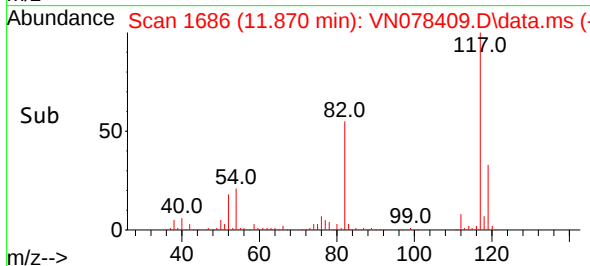
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 633570
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 32.8 25.6 38.4

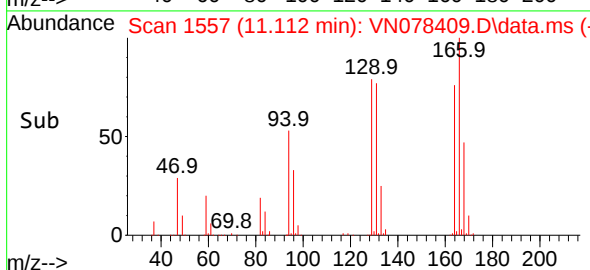
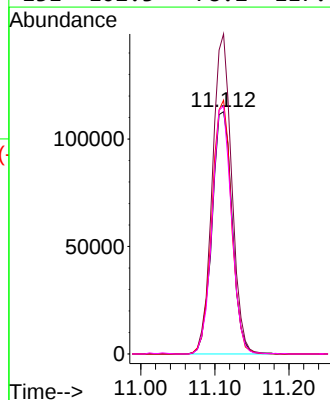
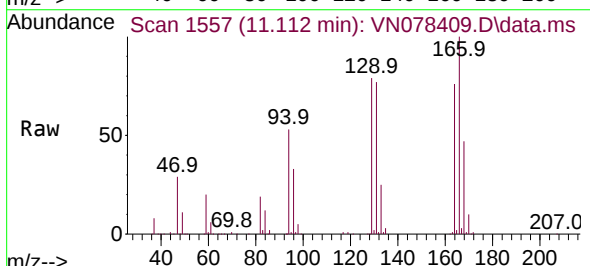
Manual Integrations
APPROVED

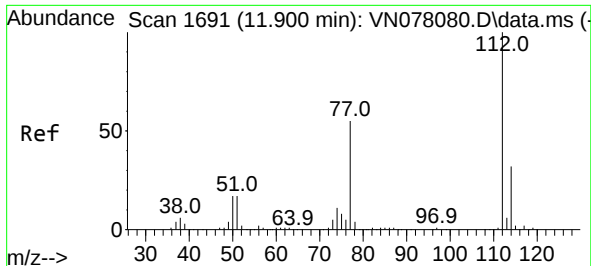
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#64
Tetrachloroethene
Concen: 49.957 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

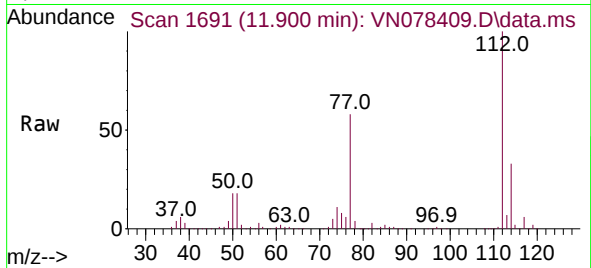
Tgt Ion:164 Resp: 211155
Ion Ratio Lower Upper
164 100
166 132.1 101.4 152.0
129 104.7 82.4 123.6
131 102.3 78.2 117.4





#65
Chlorobenzene
Concen: 51.245 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

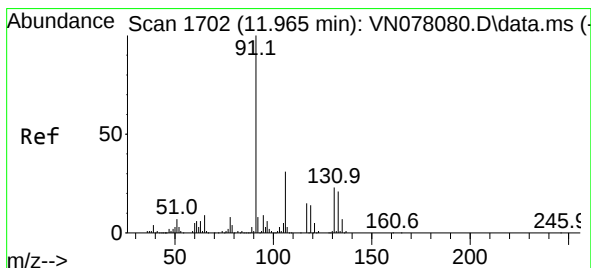
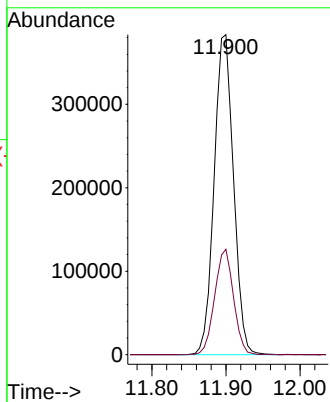
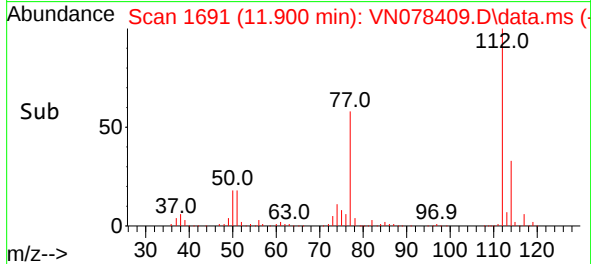
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



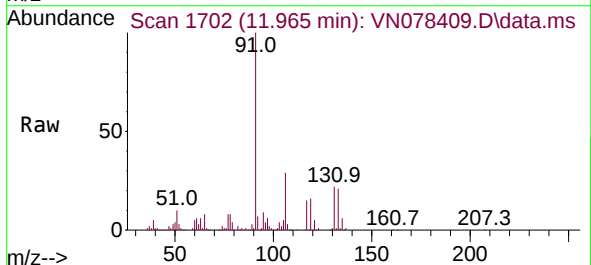
Tgt Ion:112 Resp: 695309
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.4

Manual Integrations
APPROVED

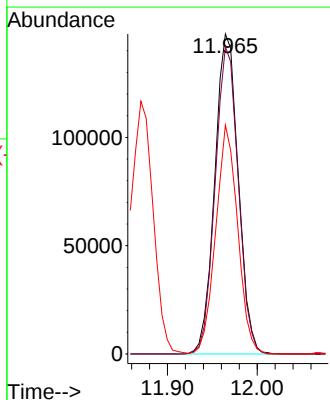
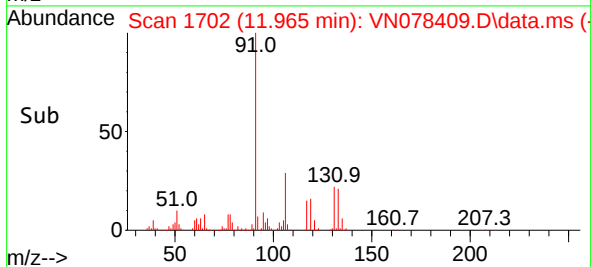
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

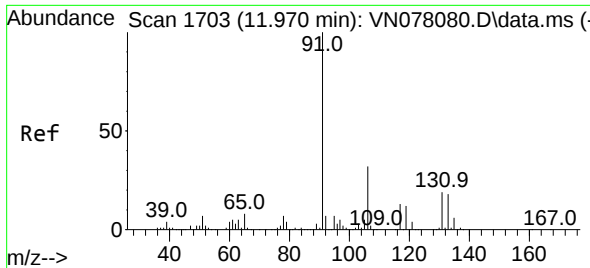


#66
1,1,1,2-Tetrachloroethane
Concen: 53.763 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



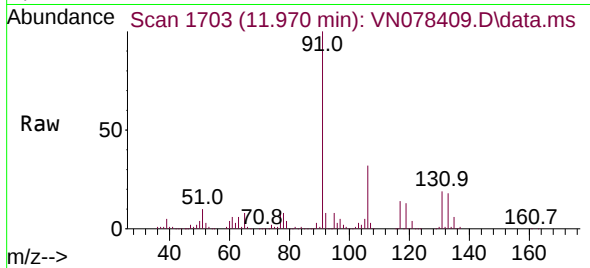
Tgt Ion:131 Resp: 268299
Ion Ratio Lower Upper
131 100
133 94.6 46.4 139.1
119 67.0 34.1 102.2





#67
Ethyl Benzene
Concen: 52.694 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

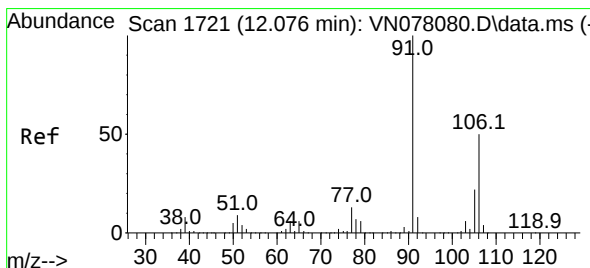
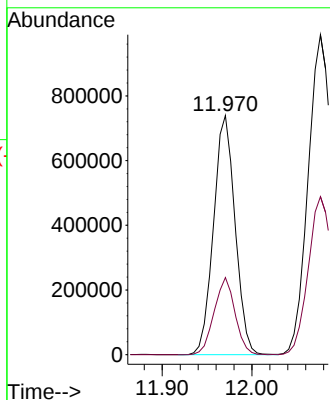
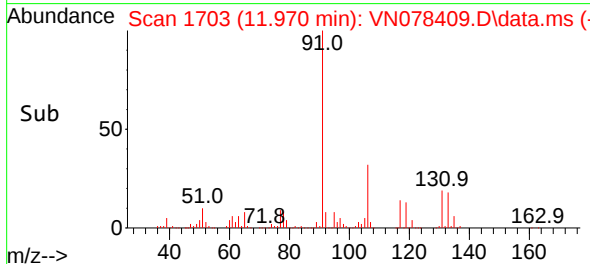
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



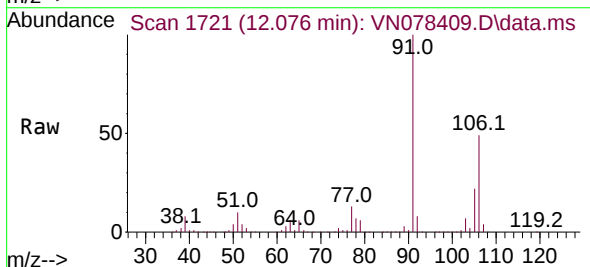
Tgt Ion: 91 Resp: 123365
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4

Manual Integrations
APPROVED

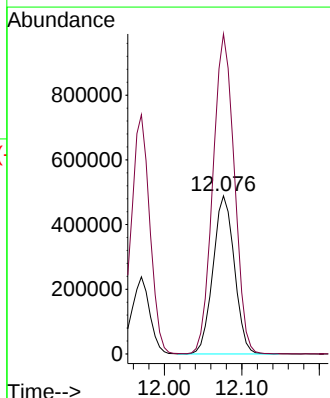
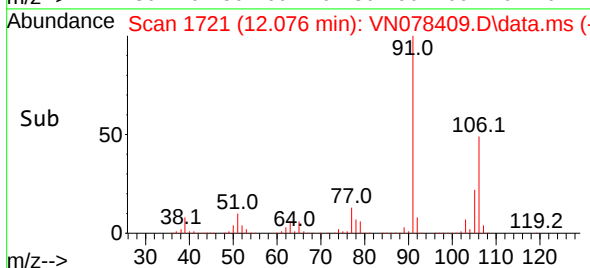
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

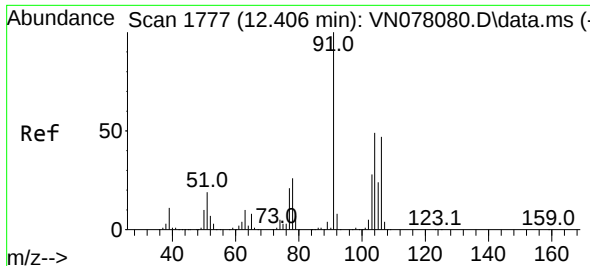


#68
m/p-Xylenes
Concen: 104.657 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



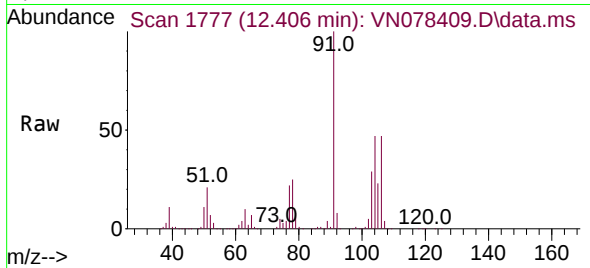
Tgt Ion:106 Resp: 933779
Ion Ratio Lower Upper
106 100
91 203.7 159.6 239.4





#69
o-Xylene
Concen: 52.700 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

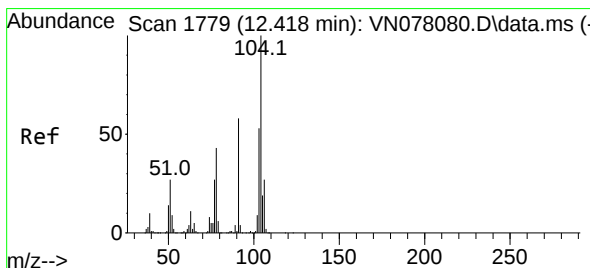
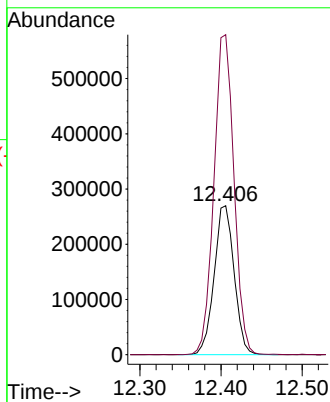
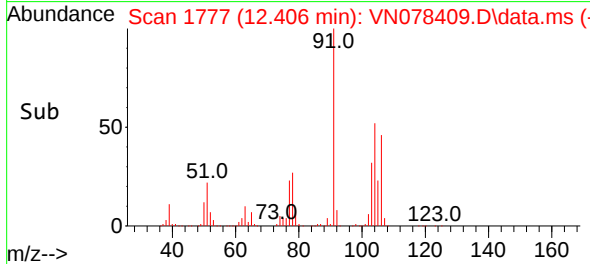
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 461749
Ion Ratio Lower Upper
106 100
91 215.8 105.2 315.5

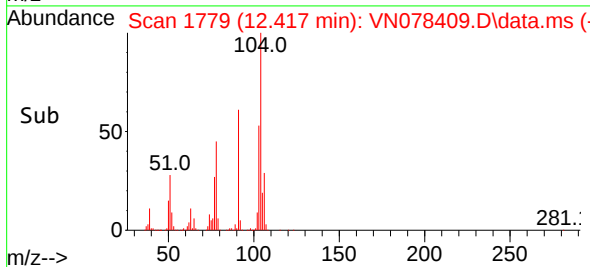
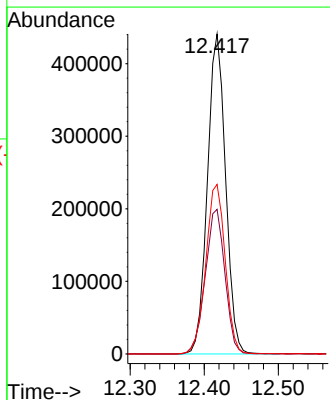
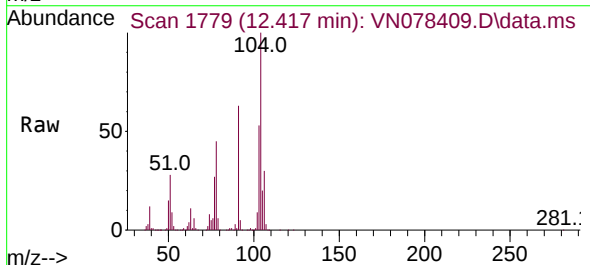
Manual Integrations
APPROVED

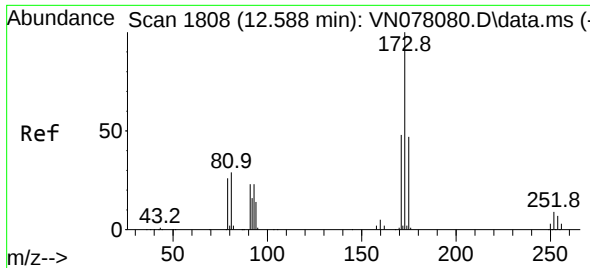
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#70
Styrene
Concen: 54.391 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

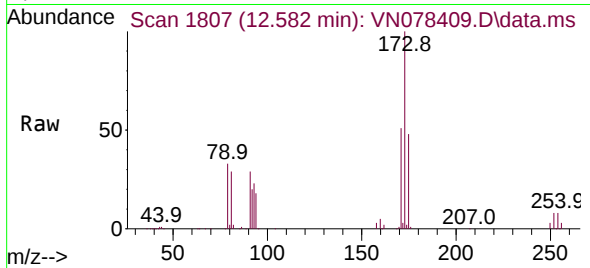
Tgt Ion:104 Resp: 750257
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 56.8 43.2 64.8





#71
Bromoform
Concen: 56.708 ug/l
RT: 12.582 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

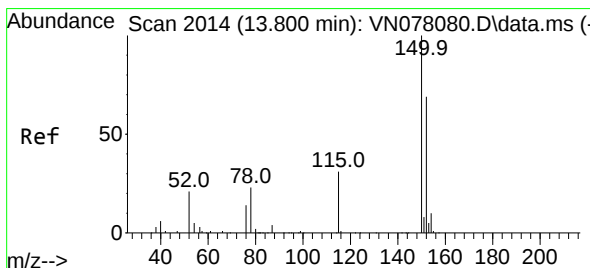
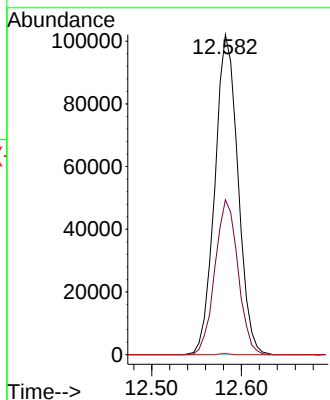
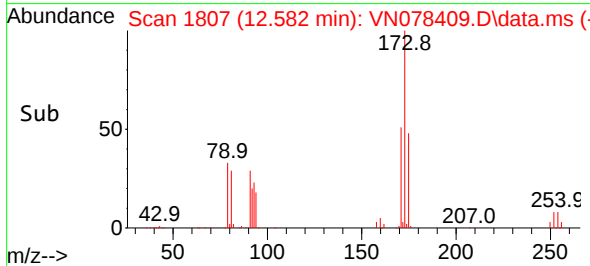
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



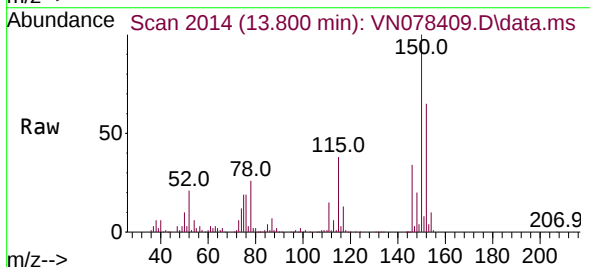
Tgt Ion:173 Resp: 182629
Ion Ratio Lower Upper
173 100
175 48.2 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

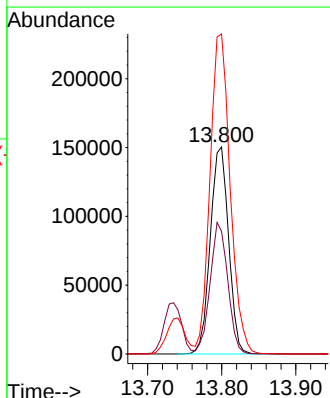
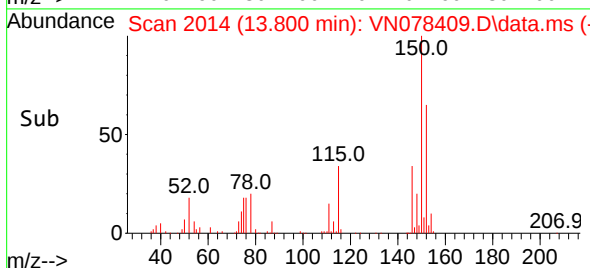
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

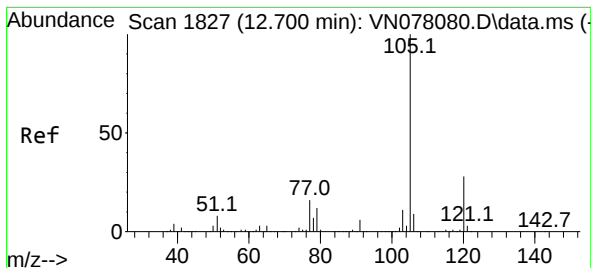


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



Tgt Ion:152 Resp: 258240
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 169.8 0.0 355.8





#73

Isopropylbenzene

Concen: 45.547 ug/l

RT: 12.700 min Scan# 1112254

Delta R.T. -0.000 min

Lab File: VN078409.D

Acq: 26 Jun 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1112254

Ion Ratio Lower Upper

105 100

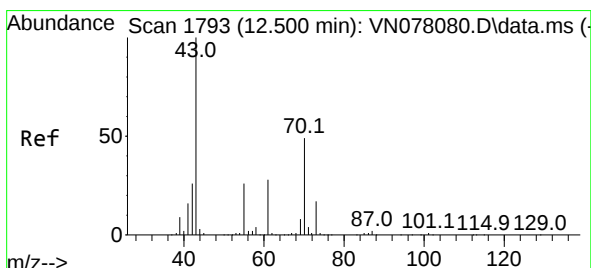
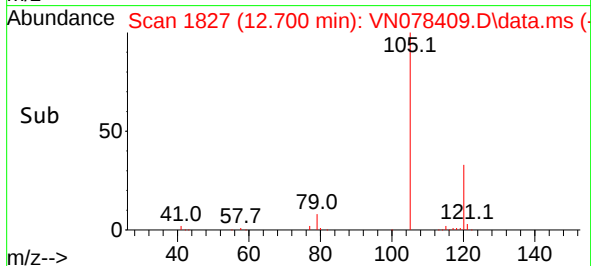
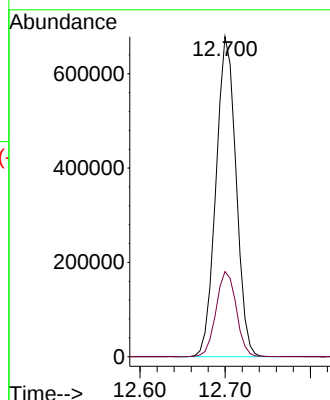
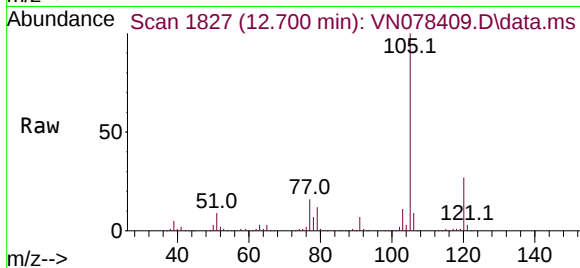
120 26.8 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#74

N-ethyl acetate

Concen: 49.222 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078409.D

Acq: 26 Jun 2023 18:01

Tgt Ion: 43 Resp: 395823

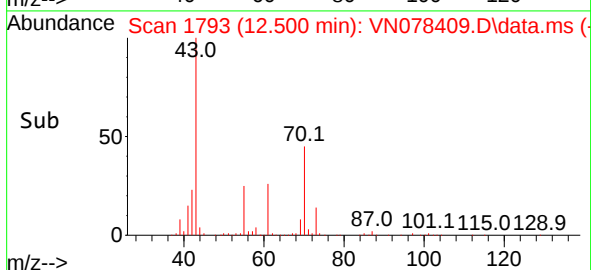
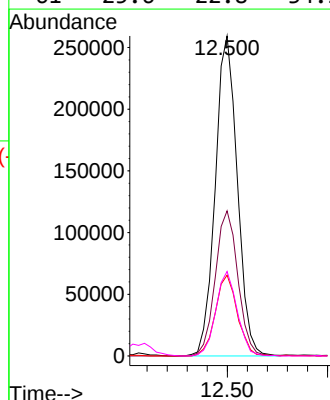
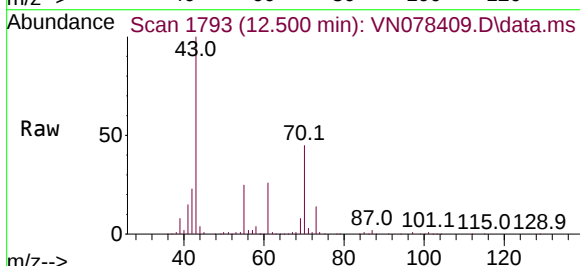
Ion Ratio Lower Upper

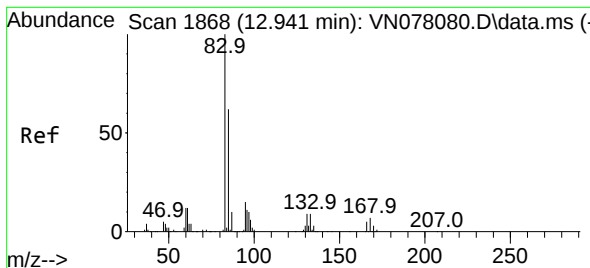
43 100

70 46.6 43.4 65.2

55 25.3 21.4 32.0

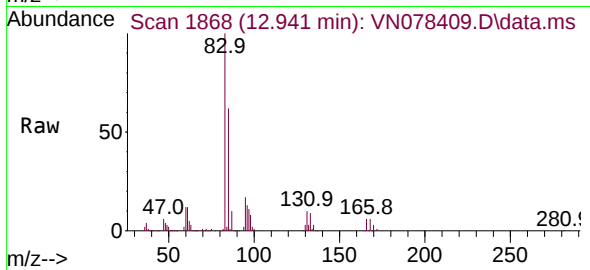
61 25.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.526 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

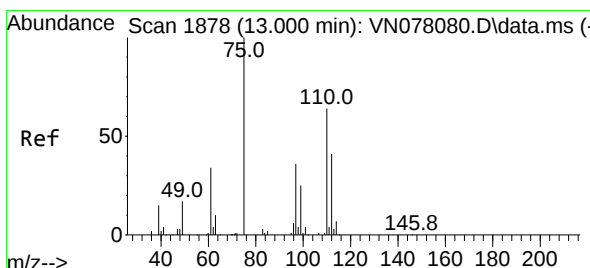
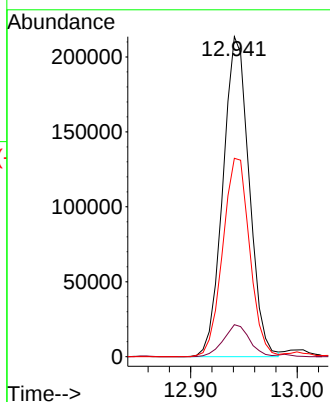
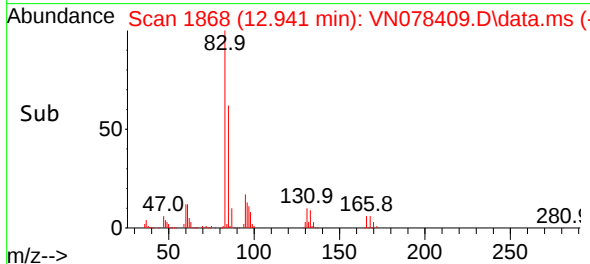
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



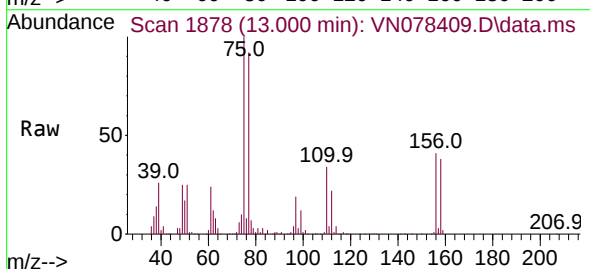
Tgt Ion: 83 Resp: 36473
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 63.7 31.9 95.7

Manual Integrations
APPROVED

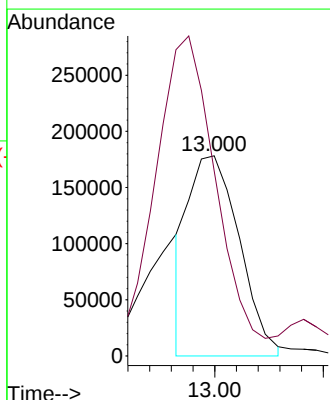
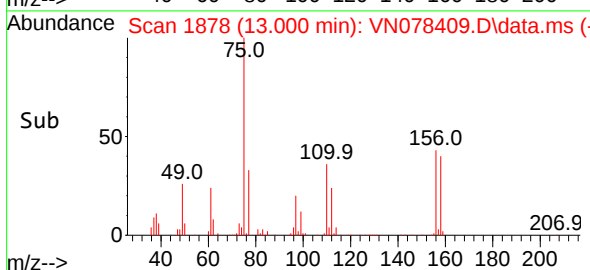
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

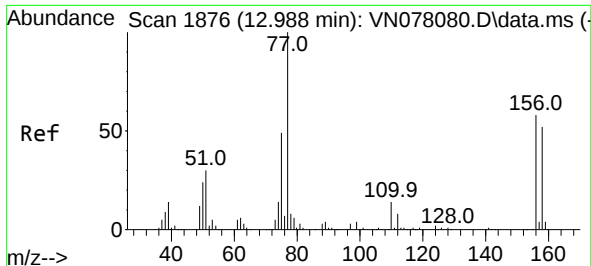


#76
1,2,3-Trichloropropane
Concen: 47.610 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



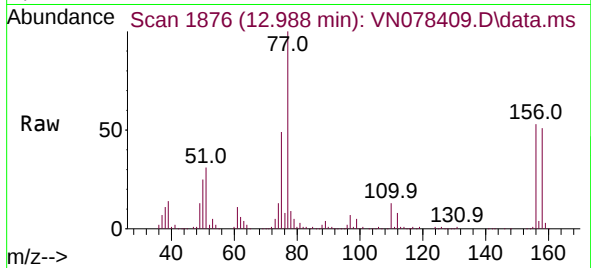
Tgt Ion: 75 Resp: 290654
Ion Ratio Lower Upper
75 100
77 192.4 84.5 253.5





#77
Bromobenzene
Concen: 46.389 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

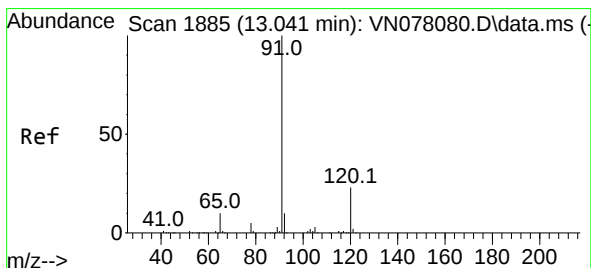
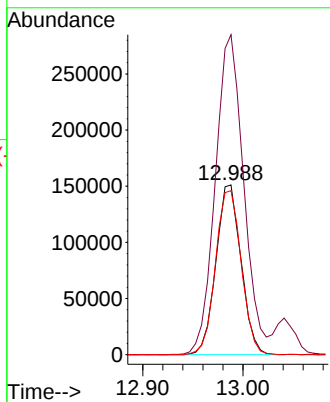
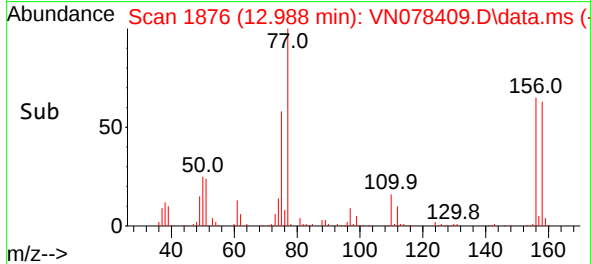
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 262970
Ion Ratio Lower Upper
156 100
77 212.7 107.7 323.3
158 99.0 48.4 145.3

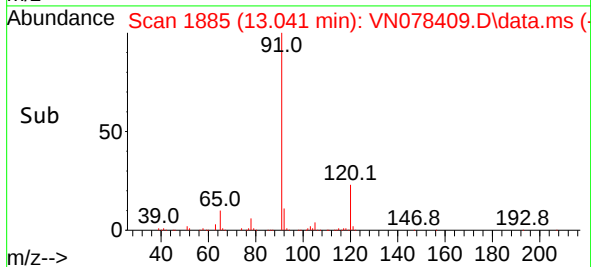
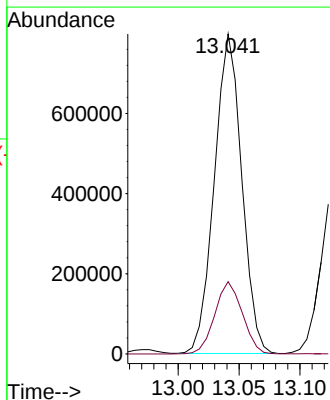
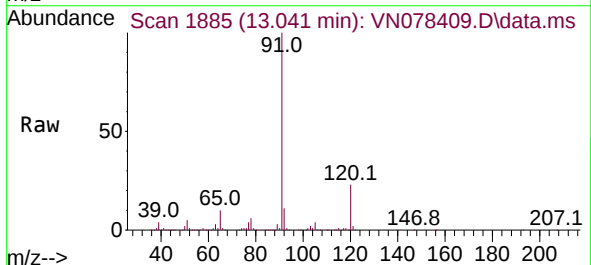
Manual Integrations
APPROVED

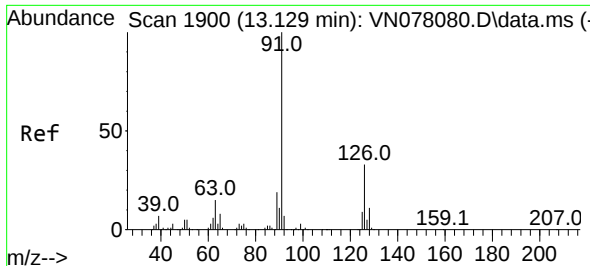
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#78
n-propylbenzene
Concen: 46.959 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Tgt Ion: 91 Resp: 1245912
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





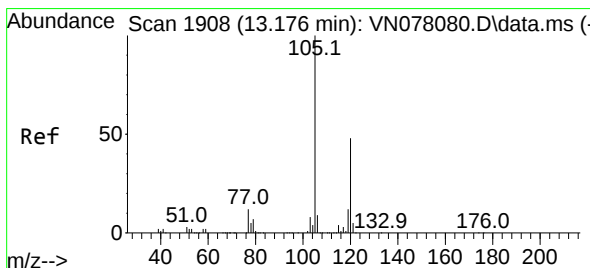
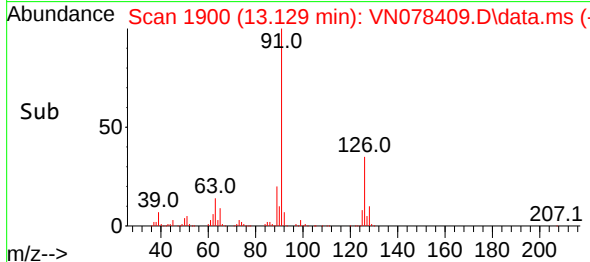
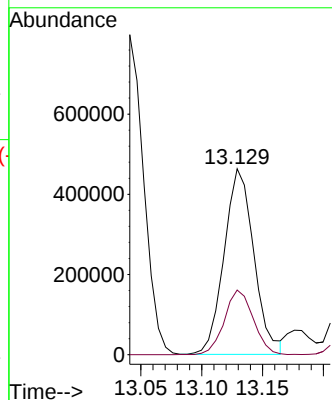
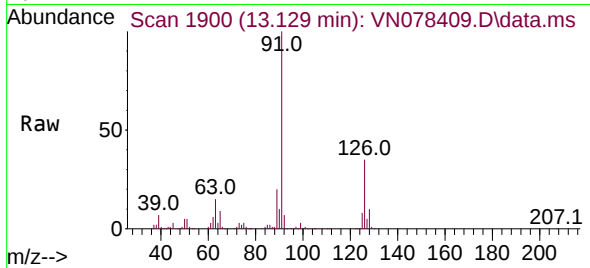
#79
2-Chlorotoluene
Concen: 46.124 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 789925
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8

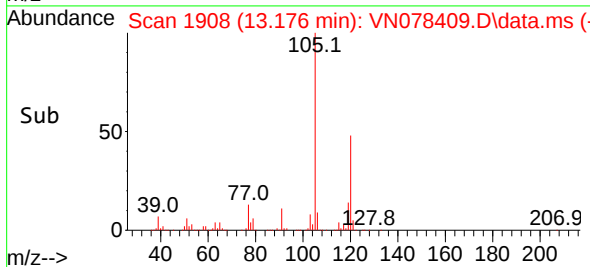
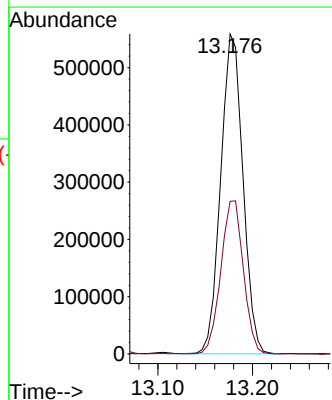
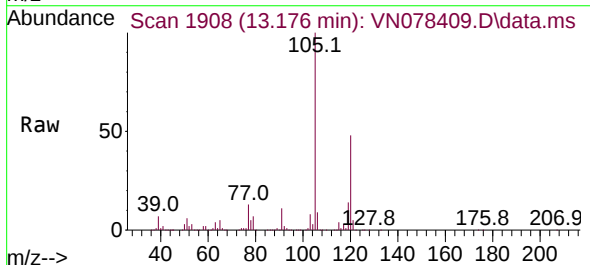
Manual Integrations
APPROVED

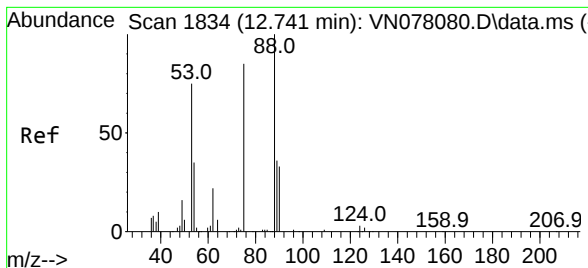
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.105 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

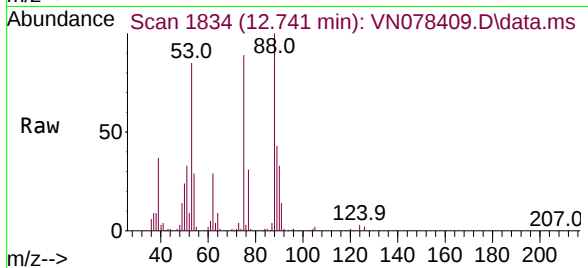
Tgt Ion:105 Resp: 911535
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.238 ug/l m
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

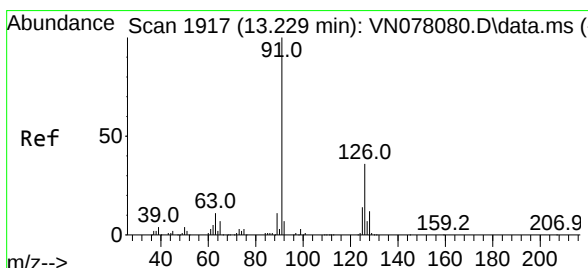
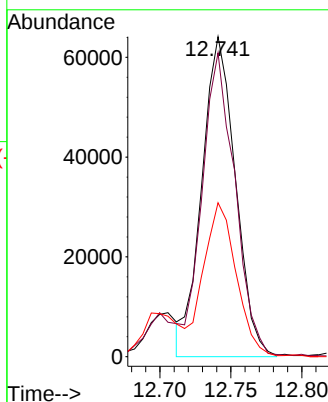
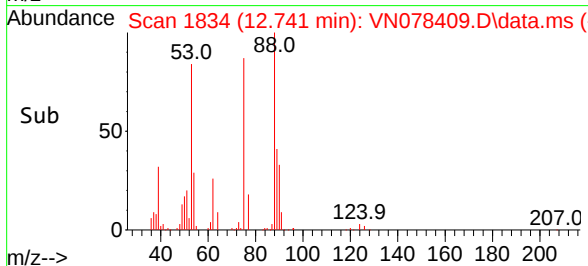
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 10578
Ion Ratio Lower Upper
75 100
53 91.1 67.4 101.2
89 46.2 38.8 58.2

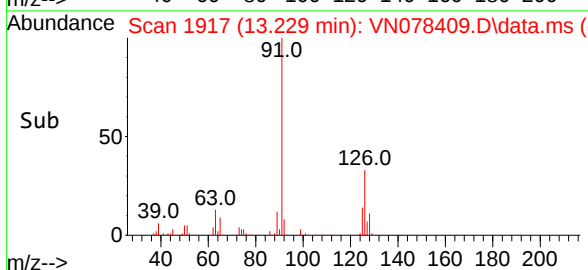
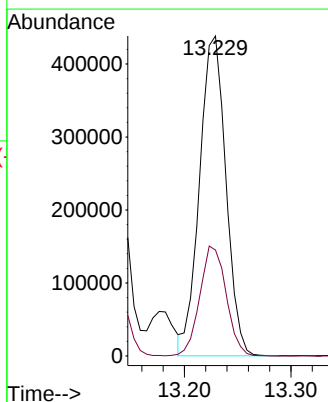
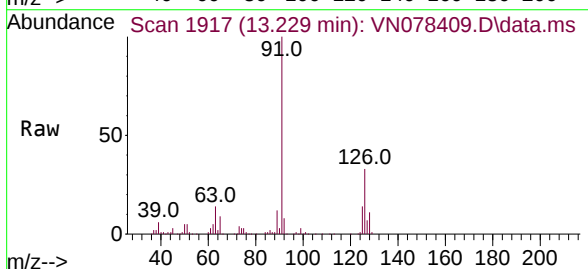
Manual Integrations
APPROVED

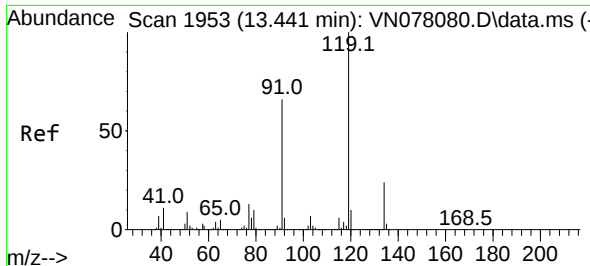
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#82
4-Chlorotoluene
Concen: 47.255 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Tgt Ion: 91 Resp: 755319
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0





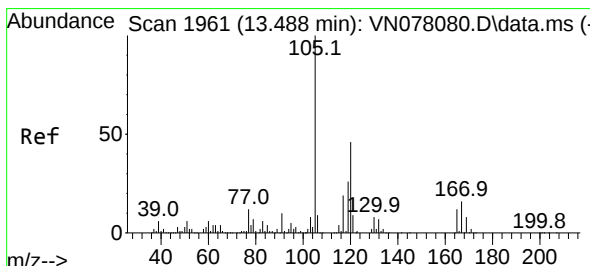
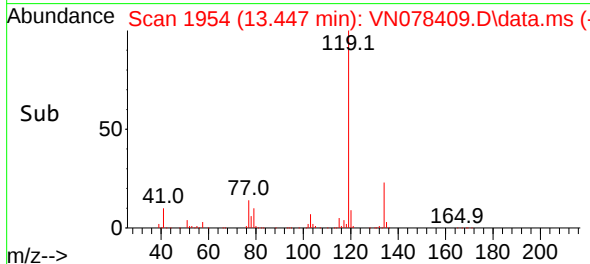
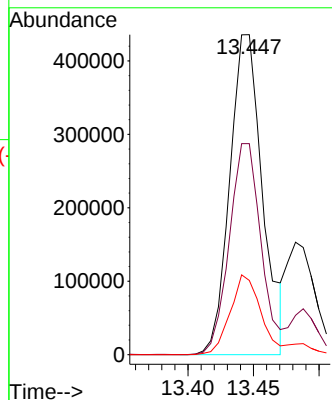
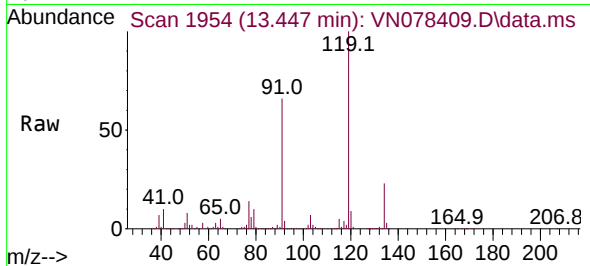
#83
tert-Butylbenzene
Concen: 44.100 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 757898
Ion Ratio Lower Upper
119 100
91 63.9 33.9 101.7
134 23.8 13.2 39.6

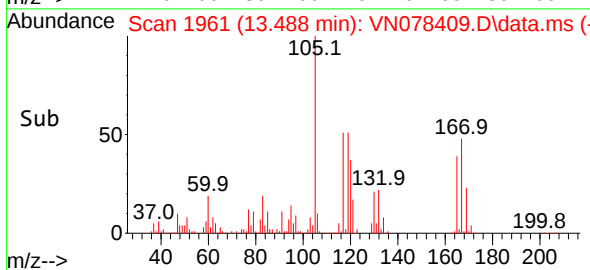
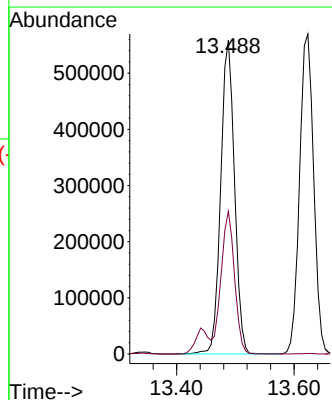
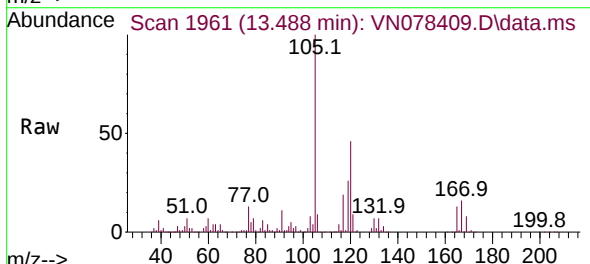
Manual Integrations
APPROVED

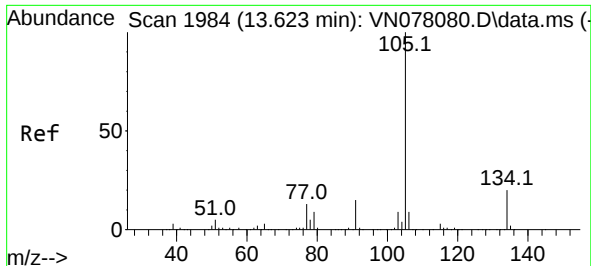
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#84
1,2,4-Trimethylbenzene
Concen: 47.493 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Tgt Ion:105 Resp: 910350
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





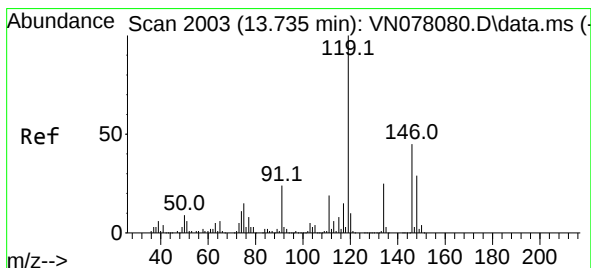
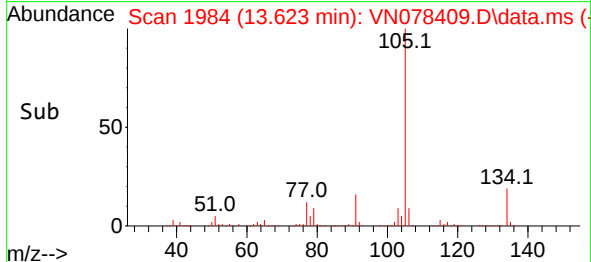
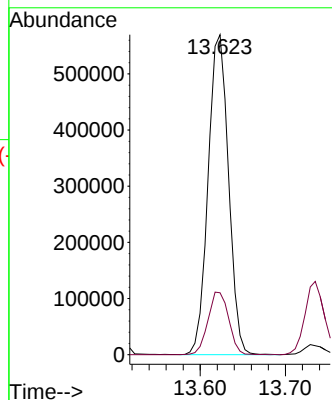
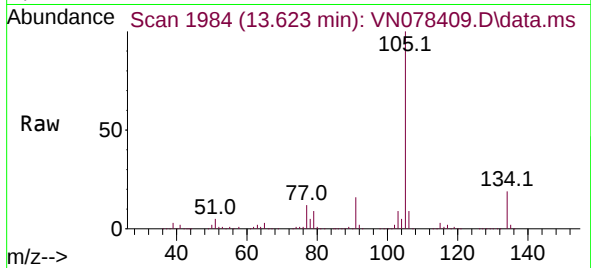
#85
 sec-Butylbenzene
 Concen: 42.078 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078409.D
 Acq: 26 Jun 2023 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 946518
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

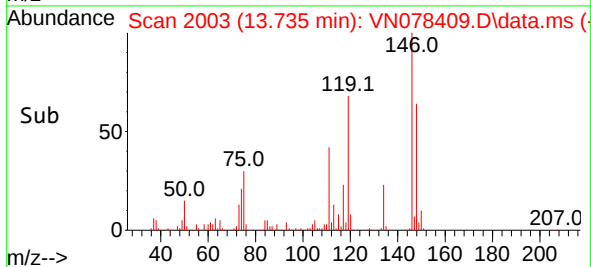
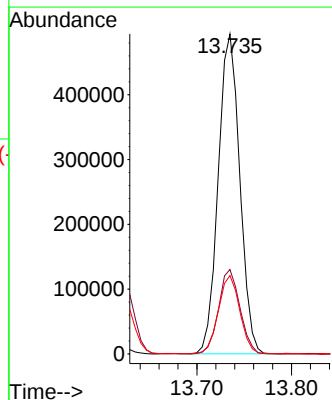
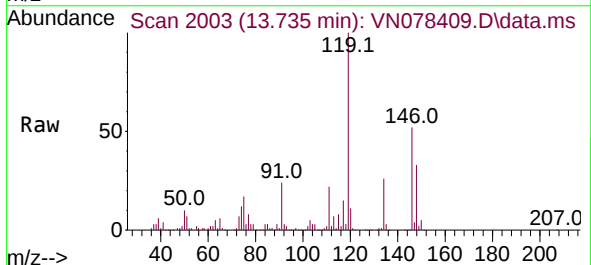
Manual Integrations
 APPROVED

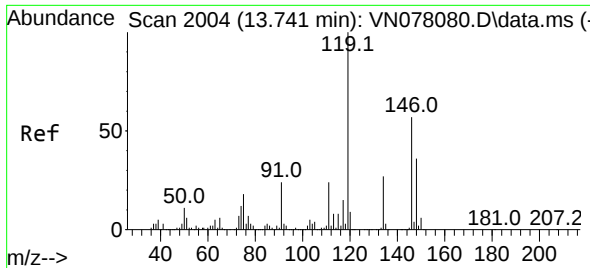
Reviewed By :John Carlone 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023



#86
 p-Isopropyltoluene
 Concen: 42.732 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078409.D
 Acq: 26 Jun 2023 18:01

Tgt Ion:119 Resp: 780031
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 24.2 12.4 37.2





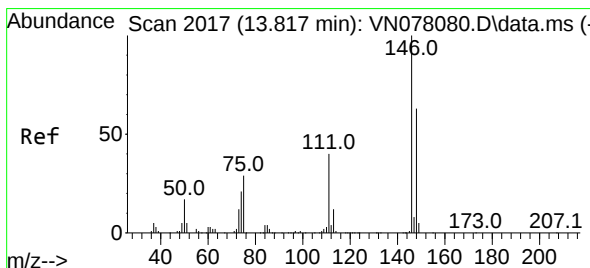
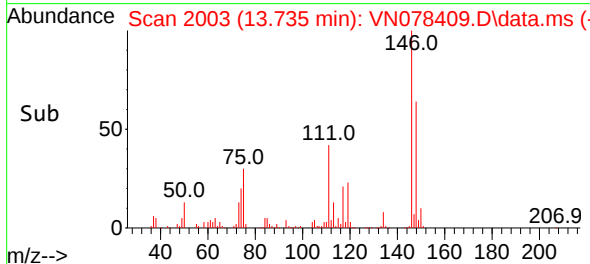
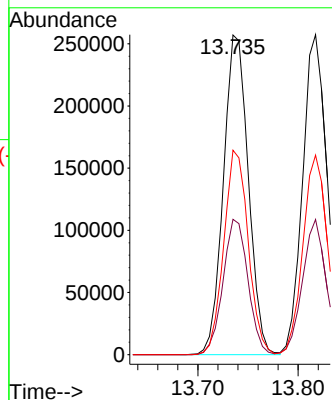
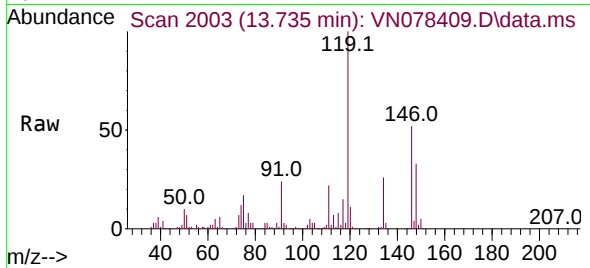
#87
1,3-Dichlorobenzene
Concen: 46.332 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 444274
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.3
148 62.7 32.0 96.0

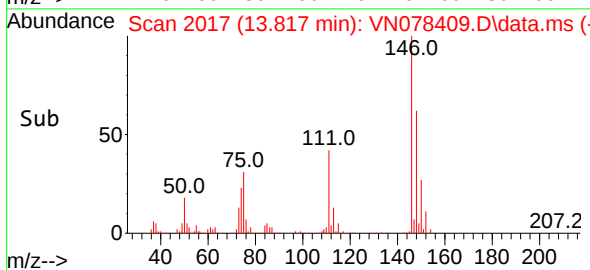
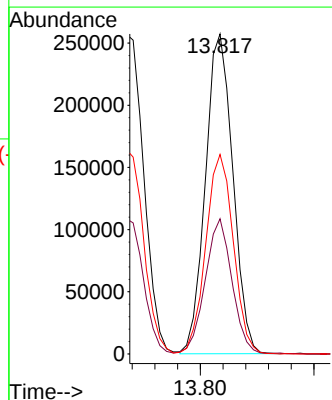
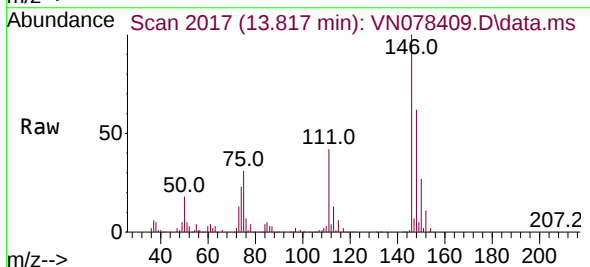
Manual Integrations
APPROVED

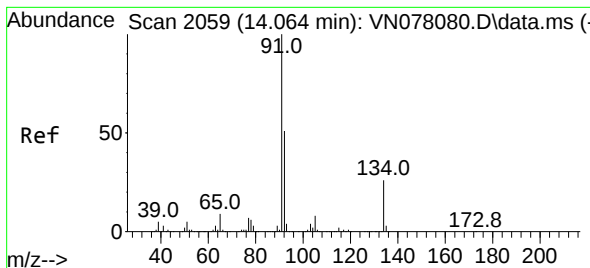
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#88
1,4-Dichlorobenzene
Concen: 46.645 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Tgt Ion:146 Resp: 431588
Ion Ratio Lower Upper
146 100
111 41.5 20.6 61.8
148 62.8 31.6 94.8





#89

n-Butylbenzene

Concen: 40.641 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VN078409.D

Acq: 26 Jun 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

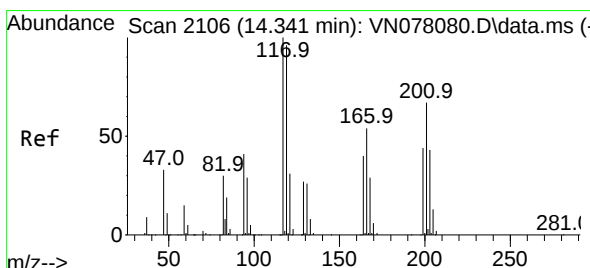
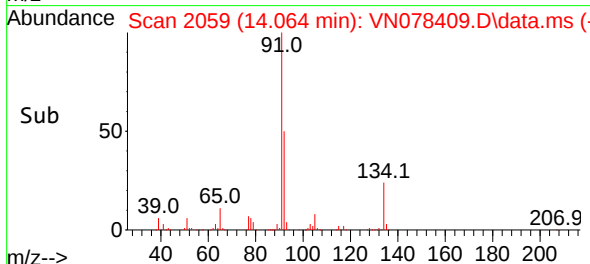
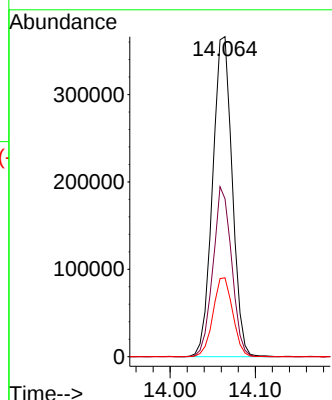
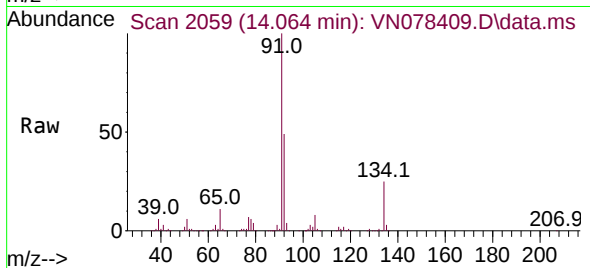
Tgt Ion:	91	Resp:	58515
Ion Ratio	Lower	Upper	
91	100		
92	50.6	26.4	79.0
134	24.9	12.6	37.6

Manual Integrations

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Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#90

Hexachloroethane

Concen: 44.758 ug/l

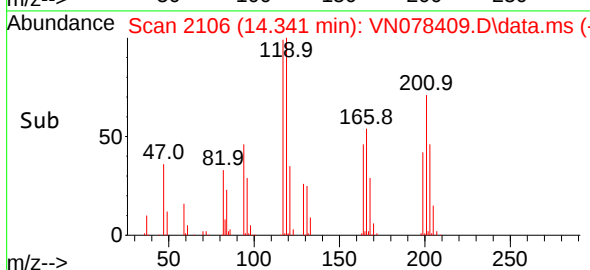
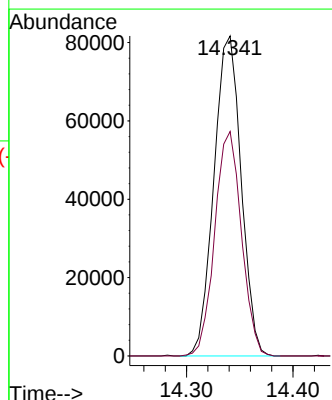
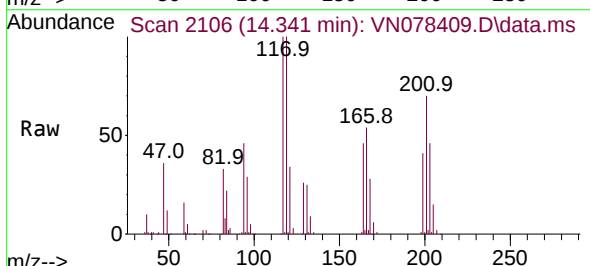
RT: 14.341 min Scan# 2106

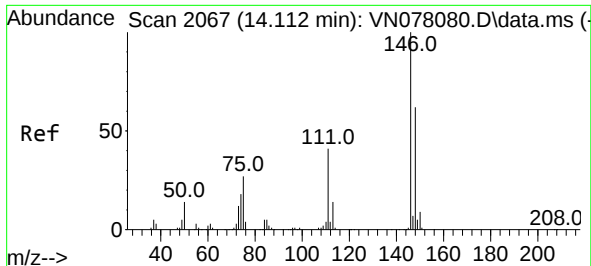
Delta R.T. -0.000 min

Lab File: VN078409.D

Acq: 26 Jun 2023 18:01

Tgt Ion:	117	Resp:	144992
Ion Ratio	Lower	Upper	
117	100		
201	68.7	29.3	88.0





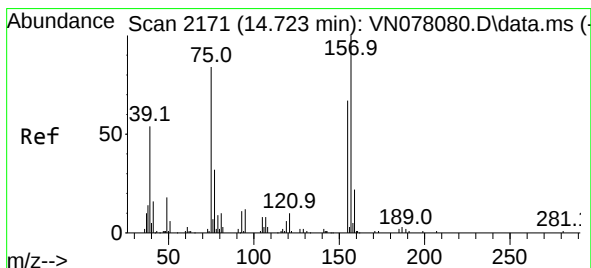
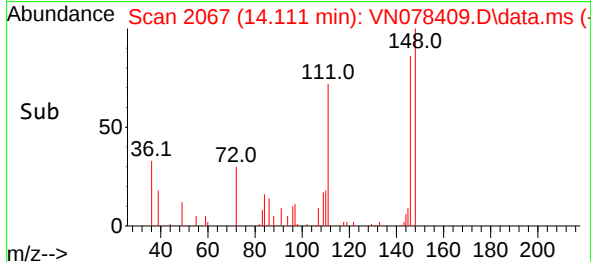
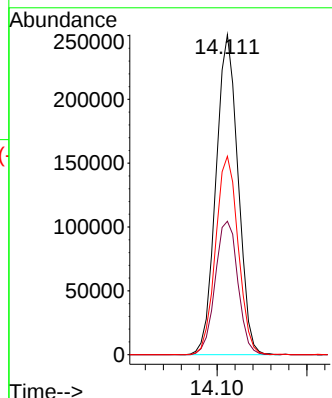
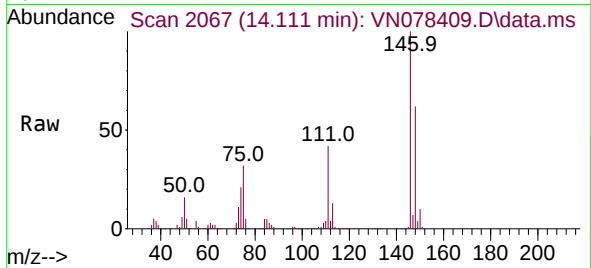
#91
1,2-Dichlorobenzene
Concen: 45.667 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 427960
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 63.3 31.8 95.3

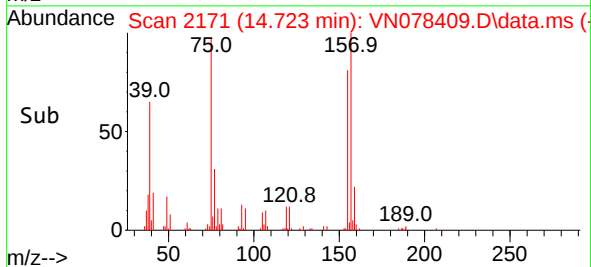
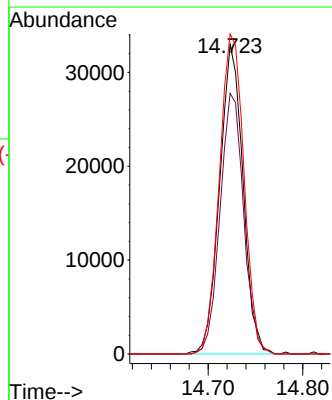
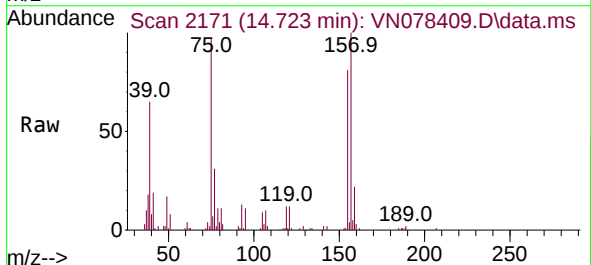
Manual Integrations
APPROVED

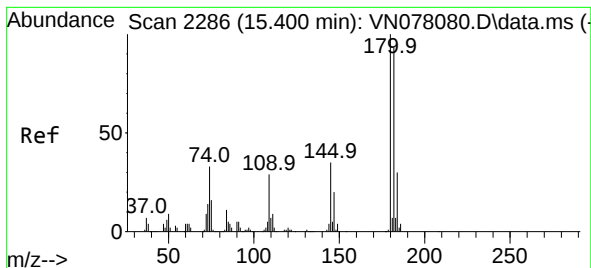
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.711 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

Tgt Ion: 75 Resp: 56501
Ion Ratio Lower Upper
75 100
155 85.0 39.1 117.2
157 108.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 39.319 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078409.D

Acq: 26 Jun 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 13128

Ion Ratio Lower Upper

180 100

182 94.5 46.1 138.2

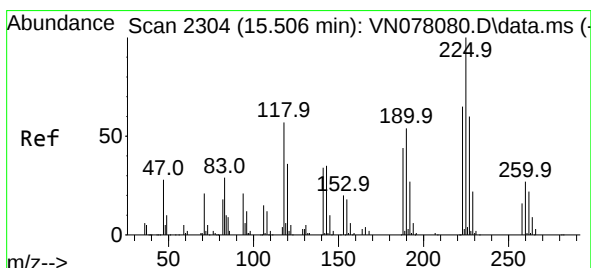
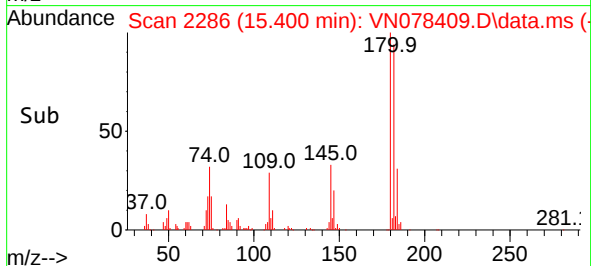
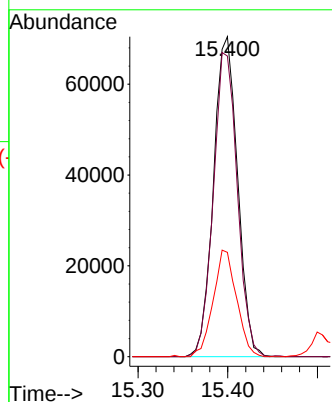
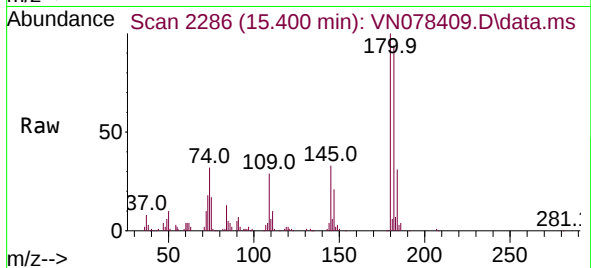
145 32.4 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#94

Hexachlorobutadiene

Concen: 43.579 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN078409.D

Acq: 26 Jun 2023 18:01

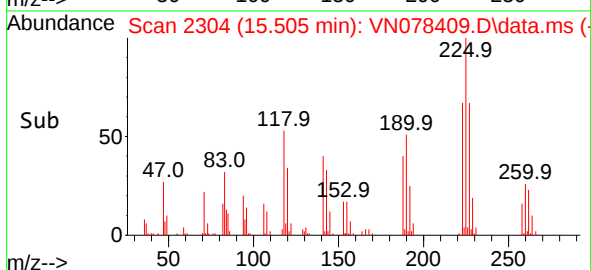
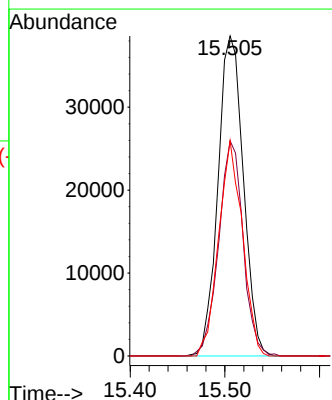
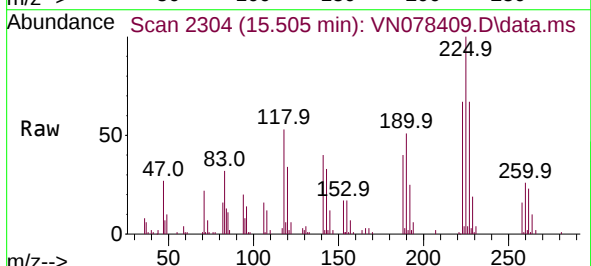
Tgt Ion:225 Resp: 71888

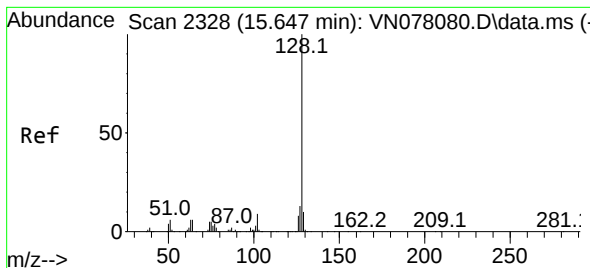
Ion Ratio Lower Upper

225 100

223 64.6 31.3 93.8

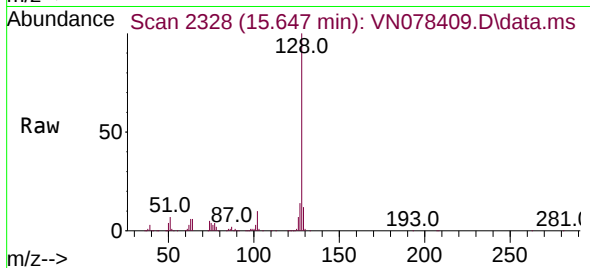
227 63.1 31.9 95.9





#95
Naphthalene
Concen: 37.509 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01

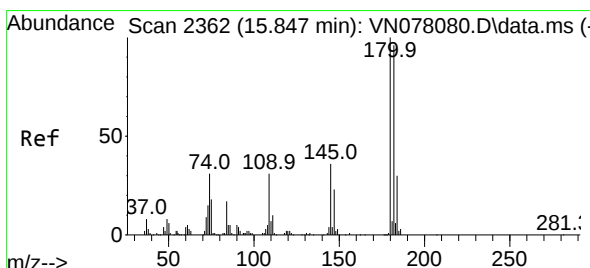
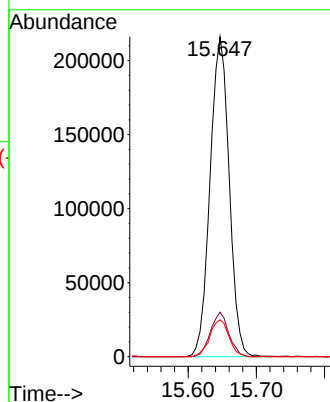
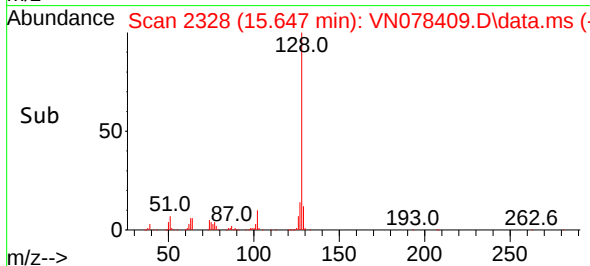
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



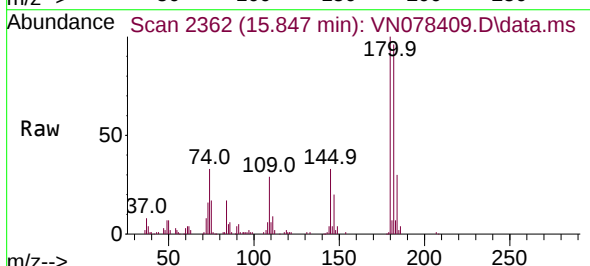
Tgt Ion:128 Resp: 42128
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 39.410 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078409.D
Acq: 26 Jun 2023 18:01



Tgt Ion:180 Resp: 147171
Ion Ratio Lower Upper
180 100
182 95.3 46.2 138.6
145 33.7 17.5 52.6

