

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078508.D
 Acq On : 14 Jul 2023 09:12
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 15 03:55:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	480719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	810635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	725667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	308560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	330474	51.280	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.560%	
35) Dibromofluoromethane	8.171	113	289207	52.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.120%	
50) Toluene-d8	10.571	98	1077791	51.847	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	12.853	95	346188	54.065	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	249578	42.345	ug/l	98
3) Chloromethane	2.371	50	318427	49.707	ug/l	100
4) Vinyl Chloride	2.518	62	382203	46.121	ug/l	95
5) Bromomethane	2.948	94	250537	47.555	ug/l	98
6) Chloroethane	3.118	64	249519	49.766	ug/l	97
7) Trichlorofluoromethane	3.501	101	460487	46.485	ug/l	100
8) Diethyl Ether	3.971	74	155858	47.223	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	253194	48.284	ug/l	96
10) Methyl Iodide	4.595	142	342049	47.468	ug/l	94
11) Tert butyl alcohol	5.530	59	221675	223.065	ug/l	100
12) 1,1-Dichloroethene	4.354	96	233706	46.074	ug/l	93
13) Acrolein	4.189	56	213578	218.442	ug/l	95
14) Allyl chloride	5.030	41	319864	46.148	ug/l	95
15) Acrylonitrile	5.730	53	595176	237.039	ug/l	99
16) Acetone	4.436	43	505950	252.033	ug/l	94
17) Carbon Disulfide	4.718	76	621160	42.349	ug/l	98
18) Methyl Acetate	5.036	43	388183	45.679	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	808505	48.376	ug/l	97
20) Methylene Chloride	5.289	84	284753	49.438	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	265399	46.430	ug/l	89
22) Diisopropyl ether	6.683	45	784711	50.561	ug/l	95
23) Vinyl Acetate	6.612	43	2430298	246.315	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	496423	47.469	ug/l	98
25) 2-Butanone	7.489	43	768254	243.115	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	437043	51.096	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	317275	47.981	ug/l	92
28) Bromochloromethane	7.818	49	244708	49.680	ug/l	94
29) Tetrahydrofuran	7.847	42	491967	237.262	ug/l	84
30) Chloroform	7.971	83	541194	49.707	ug/l	95
31) Cyclohexane	8.265	56	396597	45.536	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	480419	49.215	ug/l	97
36) 1,1-Dichloropropene	8.377	75	384173	48.350	ug/l	98
37) Ethyl Acetate	7.571	43	313819	47.379	ug/l	95
38) Carbon Tetrachloride	8.371	117	428854	49.661	ug/l	98
39) Methylcyclohexane	9.606	83	365294	50.367	ug/l	93
40) Benzene	8.612	78	1159505	49.258	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	164813	48.810	ug/l	92
42) 1,2-Dichloroethane	8.677	62	398069	49.717	ug/l	99
43) Isopropyl Acetate	8.694	43	543210	49.813	ug/l	95
44) Trichloroethene	9.359	130	304006	47.918	ug/l	94
45) 1,2-Dichloropropane	9.630	63	296940	49.806	ug/l	97
46) Dibromomethane	9.718	93	215263	51.300	ug/l	94
47) Bromodichloromethane	9.894	83	433774	51.569	ug/l	99
48) Methyl methacrylate	9.688	41	254563	50.387	ug/l	89
49) 1,4-Dioxane	9.700	88	108741	986.961	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1654865	255.130	ug/l	93
52) Toluene	10.636	92	750064	51.412	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	453850	52.667	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	481148	52.381	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	290614	50.558	ug/l	96
56) Ethyl methacrylate	10.883	69	414908	51.637	ug/l	91
57) 1,3-Dichloropropane	11.171	76	480555	49.169	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	795943	277.960	ug/l	92
59) 2-Hexanone	11.200	43	1177352	255.394	ug/l	92
60) Dibromochloromethane	11.365	129	330984	52.158	ug/l	98
61) 1,2-Dibromoethane	11.477	107	297464	50.236	ug/l	98
64) Tetrachloroethene	11.112	164	275866	50.564	ug/l	98
65) Chlorobenzene	11.900	112	797048	49.139	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	308901	49.504	ug/l	96
67) Ethyl Benzene	11.971	91	1401996	51.135	ug/l	98
68) m/p-Xylenes	12.077	106	1069668	105.519	ug/l	97
69) o-Xylene	12.406	106	524115	51.188	ug/l	98
70) Styrene	12.418	104	849156	53.010	ug/l	97
71) Bromoform	12.582	173	212874	50.372	ug/l #	99
73) Isopropylbenzene	12.700	105	1308073	45.116	ug/l	100
74) N-amyl acetate	12.500	43	428884	42.924	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	399409	49.277	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	490959	65.827	ug/l	71
77) Bromobenzene	12.982	156	314829	49.930	ug/l	94
78) n-propylbenzene	13.041	91	1489467	48.036	ug/l	100
79) 2-Chlorotoluene	13.129	91	917113	45.156	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	1068406	46.638	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	125190	44.109	ug/l	94
82) 4-Chlorotoluene	13.229	91	878939	46.390	ug/l	98
83) tert-Butylbenzene	13.441	119	887413	45.626	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1056446	47.477	ug/l	99
85) sec-Butylbenzene	13.624	105	1141692	46.440	ug/l	99
86) p-Isopropyltoluene	13.735	119	936237	47.428	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	533278	47.911	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	521825	46.545	ug/l	99
89) n-Butylbenzene	14.059	91	708203	50.141	ug/l	98
90) Hexachloroethane	14.341	117	183271	50.521	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	519161	46.869	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63751	45.767	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	161276	45.620	ug/l	96
94) Hexachlorobutadiene	15.506	225	88385	48.178	ug/l	99
95) Naphthalene	15.647	128	489537	40.506	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	176290	43.368	ug/l	95

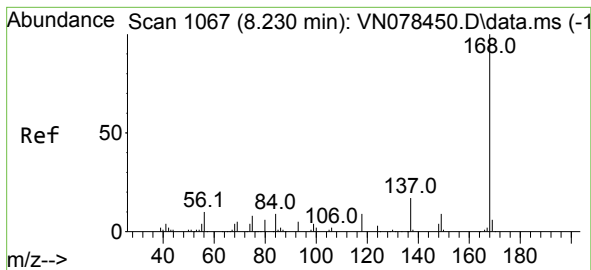
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QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

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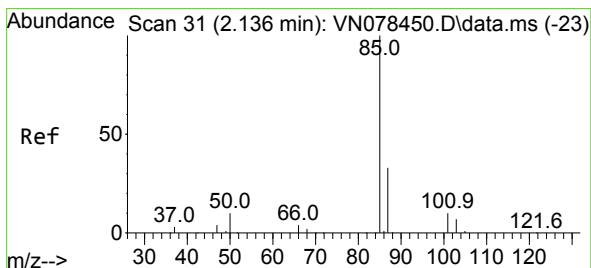
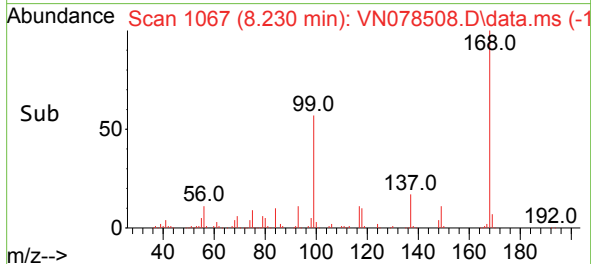
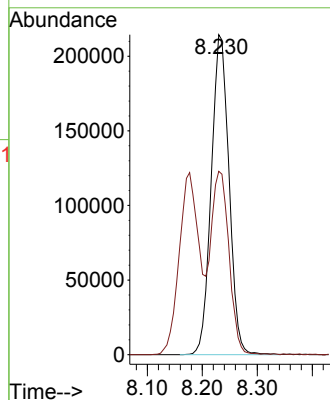
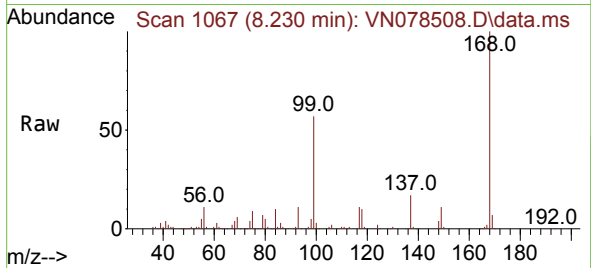
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

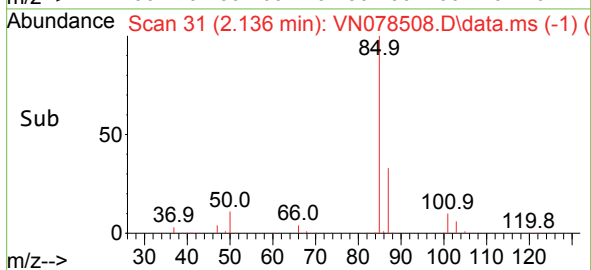
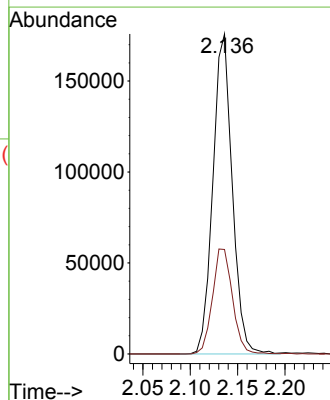
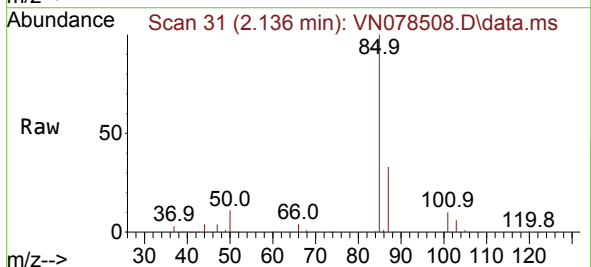
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VSTDCCC050

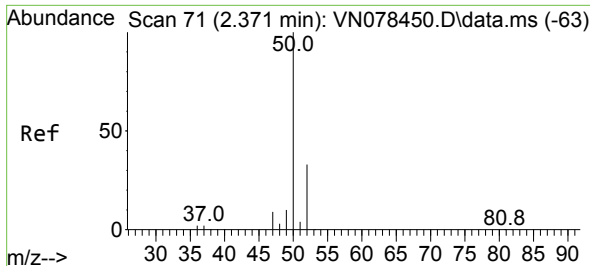
Tgt Ion:168 Resp: 480719
Ion Ratio Lower Upper
168 100
99 57.3 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 42.345 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 85 Resp: 249578
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4

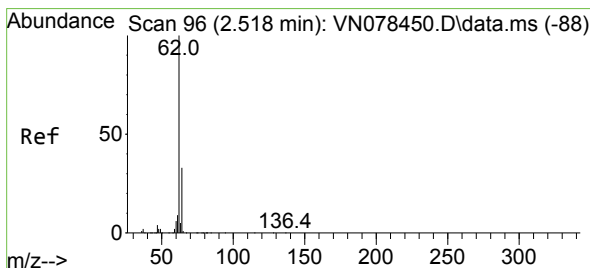
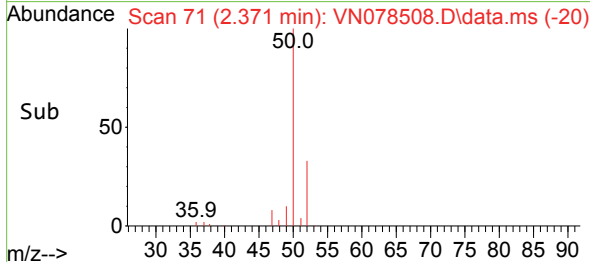
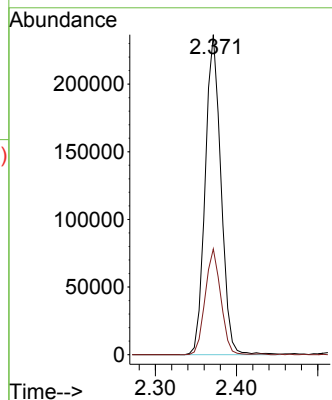
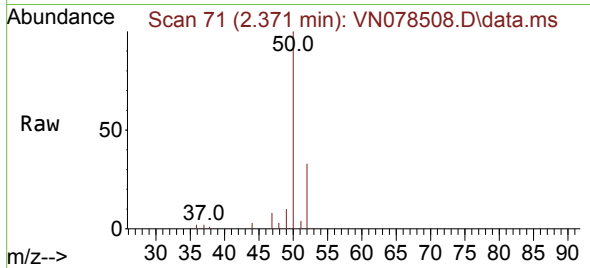




#3
Chloromethane
Concen: 49.707 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

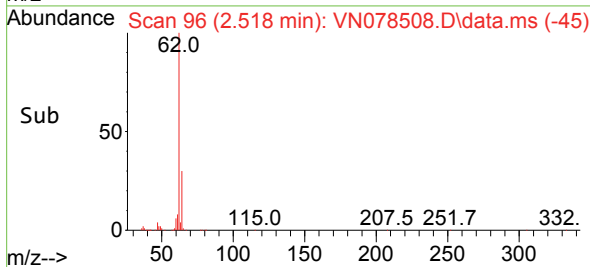
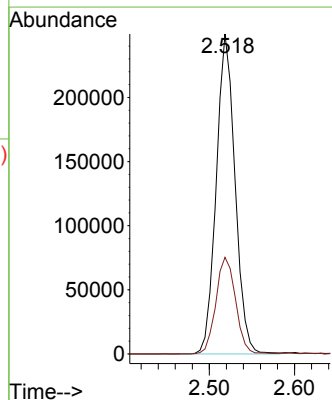
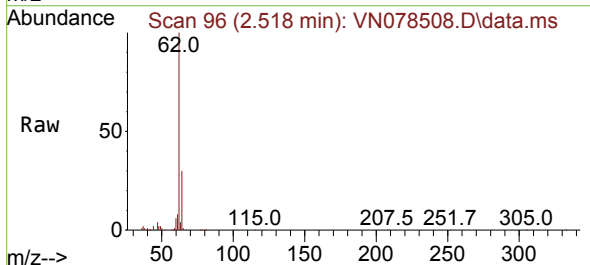
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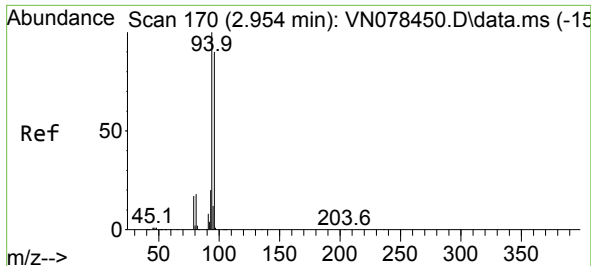
Tgt Ion: 50 Resp: 318427
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7



#4
Vinyl Chloride
Concen: 46.121 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 62 Resp: 382203
Ion Ratio Lower Upper
62 100
64 30.1 26.2 39.2

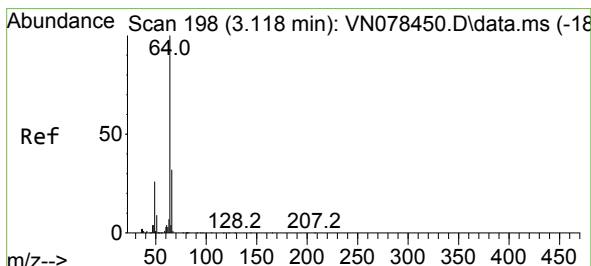
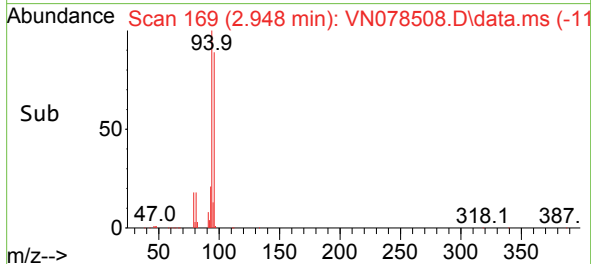
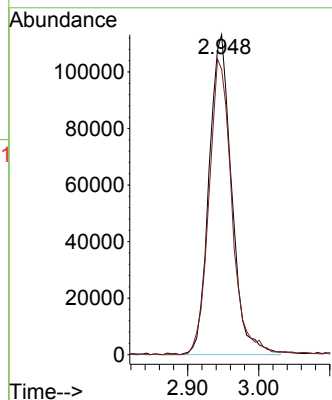
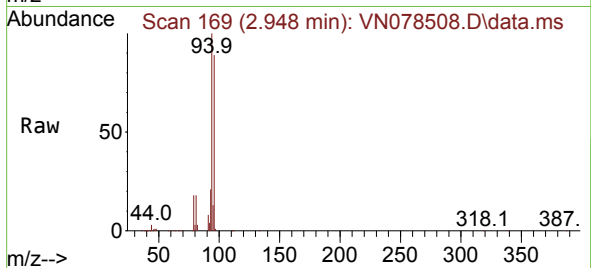




#5
Bromomethane
Concen: 47.555 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

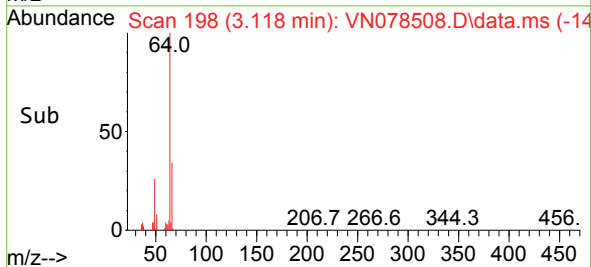
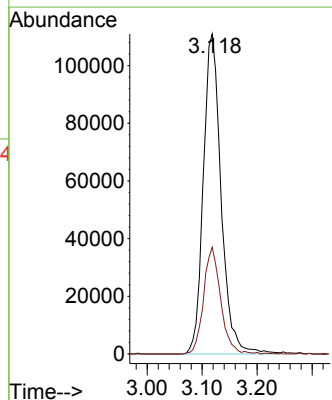
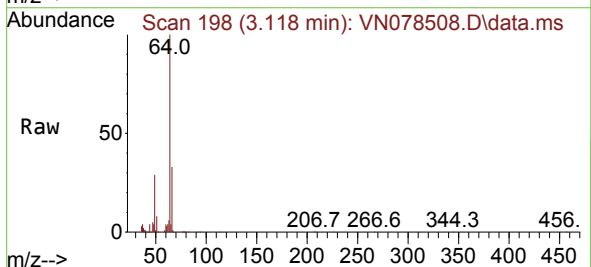
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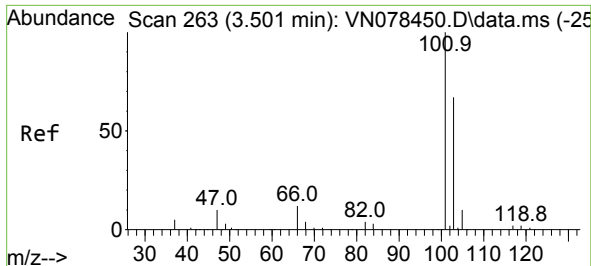
Tgt Ion: 94 Resp: 250537
Ion Ratio Lower Upper
94 100
96 89.2 73.1 109.7



#6
Chloroethane
Concen: 49.766 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 64 Resp: 249519
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.2

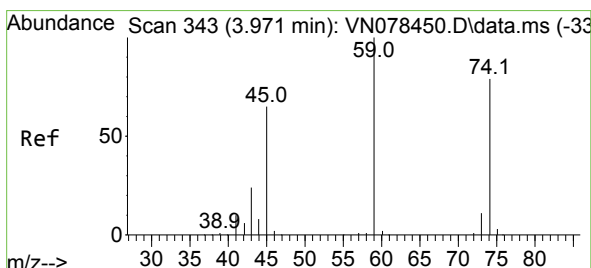
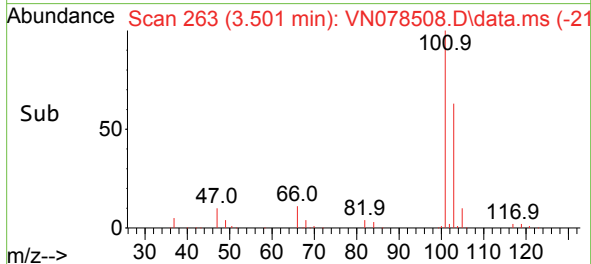
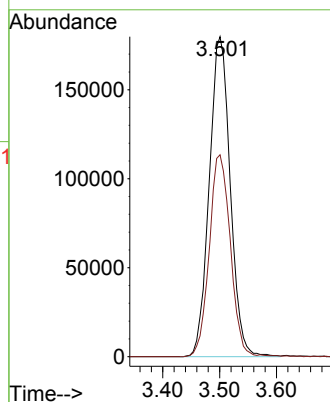
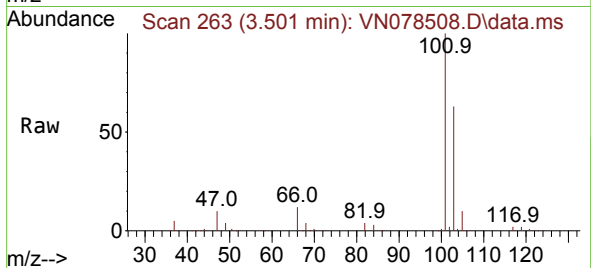




#7
 Trichlorofluoromethane
 Concen: 46.485 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN078508.D
 Acq: 14 Jul 2023 09:12

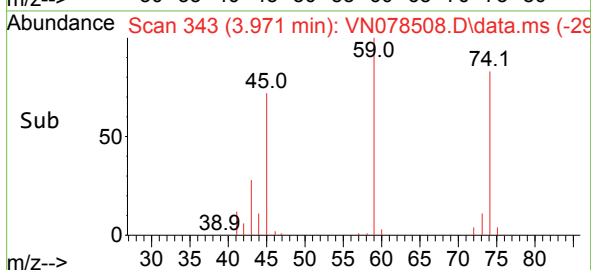
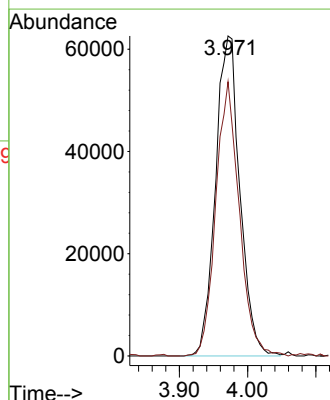
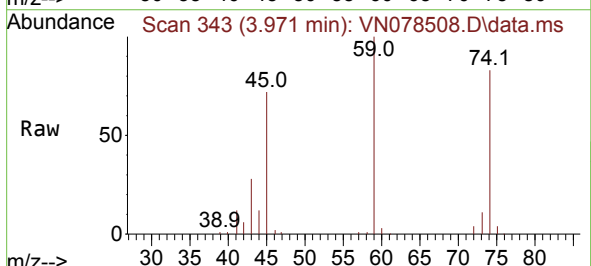
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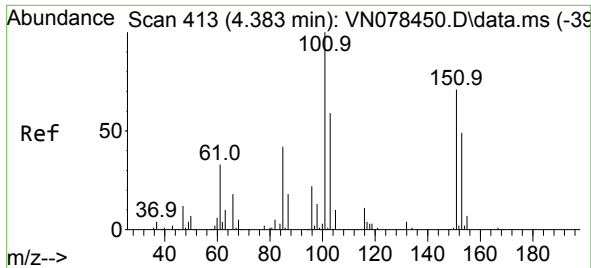
Tgt Ion:101 Resp: 460487
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 47.223 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078508.D
 Acq: 14 Jul 2023 09:12

Tgt Ion: 74 Resp: 155858
 Ion Ratio Lower Upper
 74 100
 45 82.6 34.4 103.3

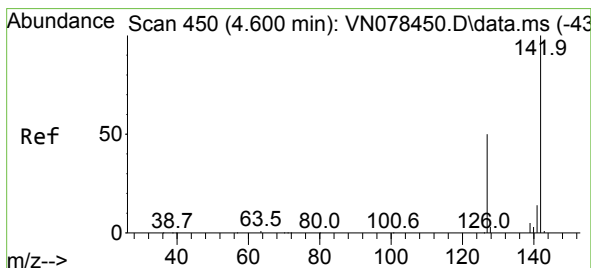
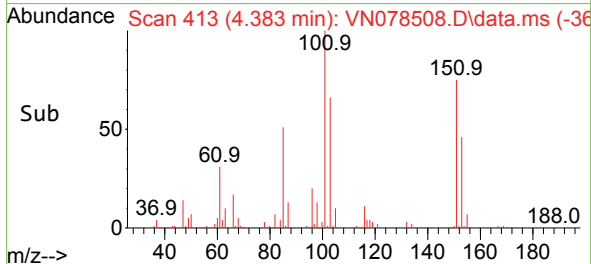
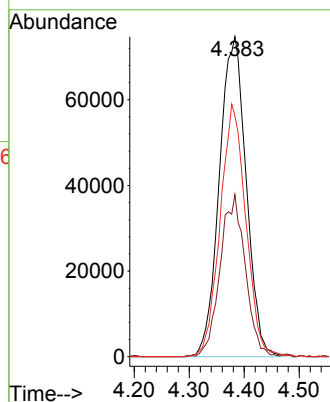
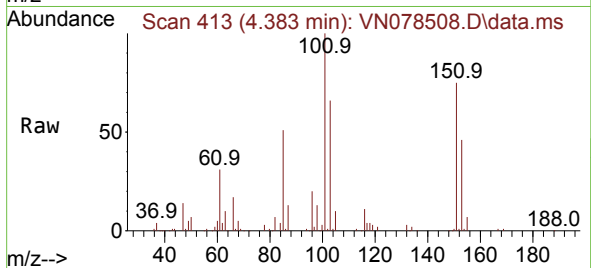




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.284 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078508.D
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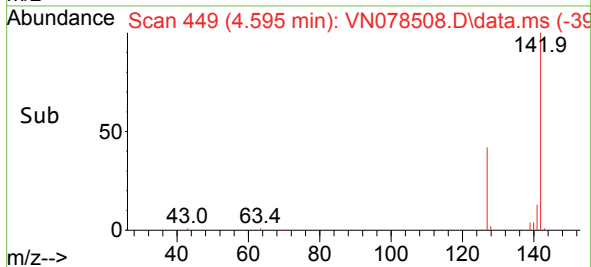
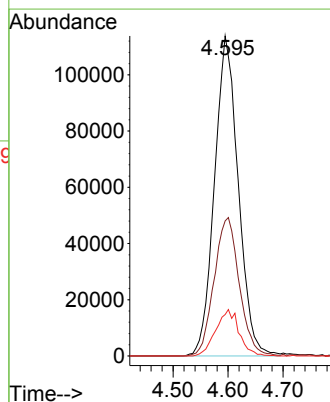
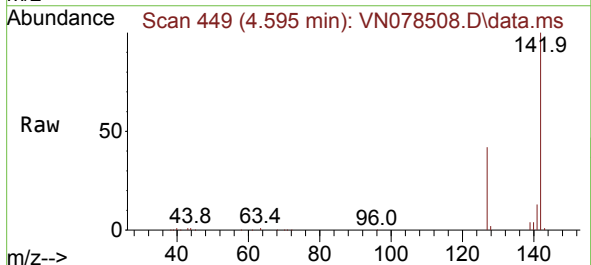
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ClientSampleId :
VSTDCCC050

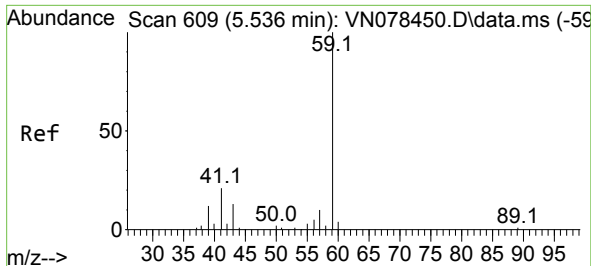
Tgt Ion:101 Resp: 253194
Ion Ratio Lower Upper
101 100
85 47.4 36.6 55.0
151 75.7 57.6 86.4



#10
Methyl Iodide
Concen: 47.468 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion:142 Resp: 342049
Ion Ratio Lower Upper
142 100
127 42.2 37.6 56.4
141 12.9 11.4 17.0

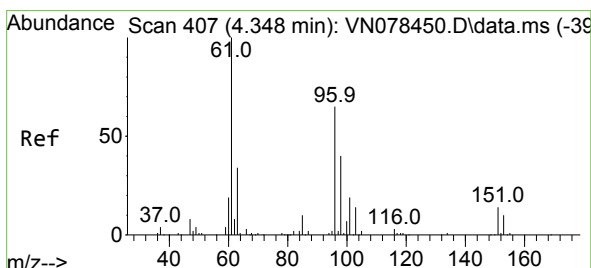
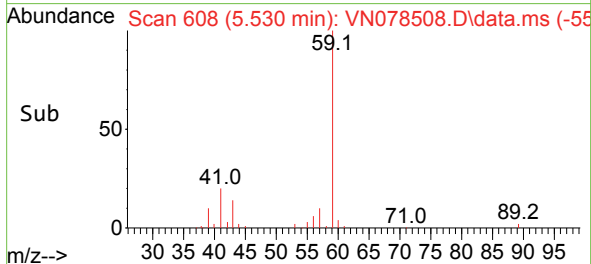
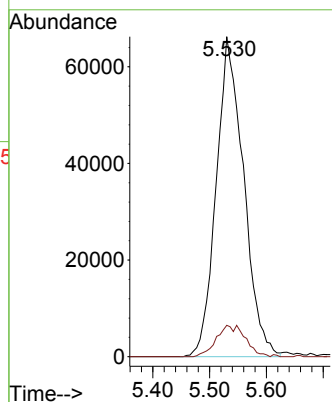
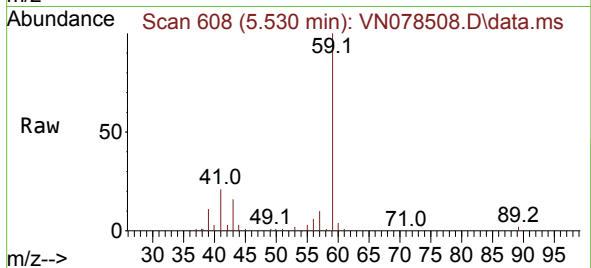




#11
Tert butyl alcohol
Concen: 223.065 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

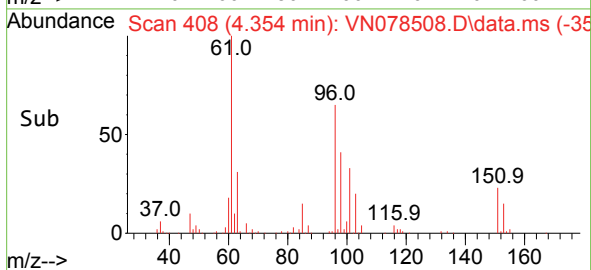
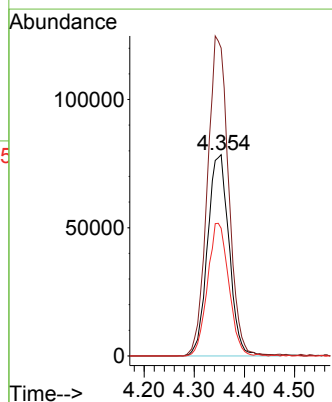
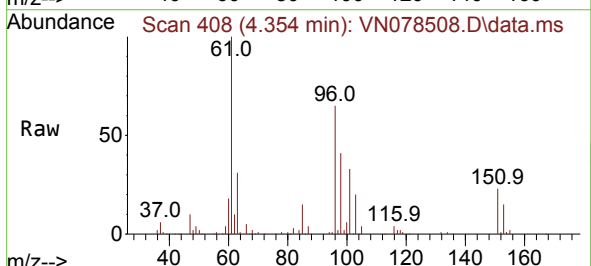
Instrument :
MSVOA_N
ClientSampleId :
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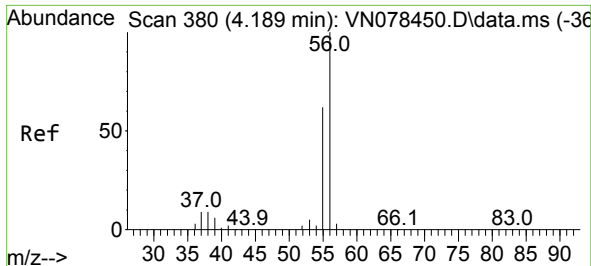
Tgt Ion: 59 Resp: 221675
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.074 ug/l
RT: 4.354 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 96 Resp: 233706
Ion Ratio Lower Upper
96 100
61 152.7 112.7 169.1
98 63.4 51.2 76.8

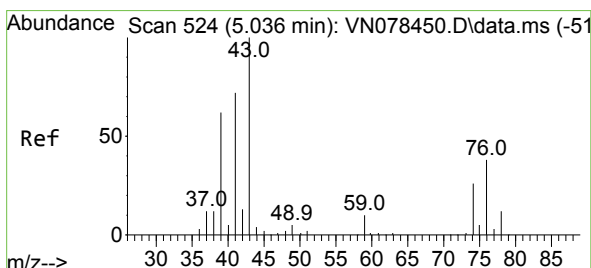
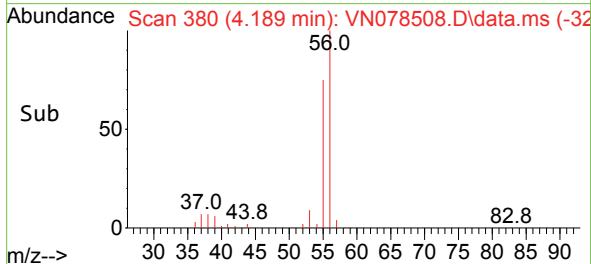
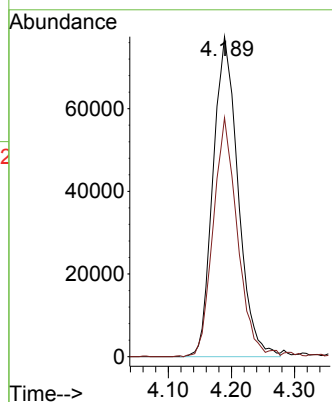
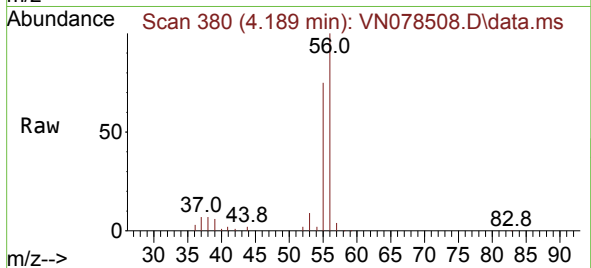




#13
Acrolein
Concen: 218.442 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

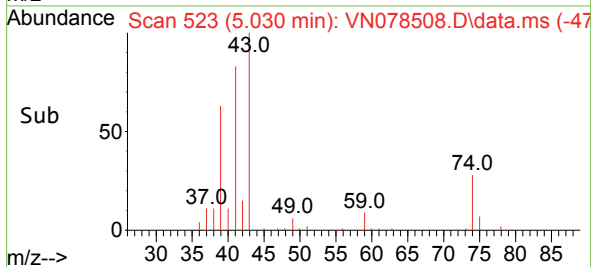
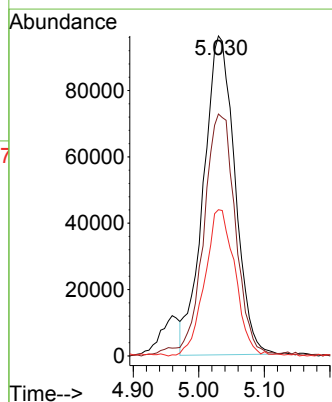
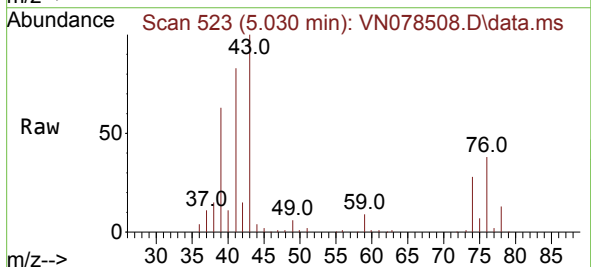
Instrument :
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ClientSampleId :
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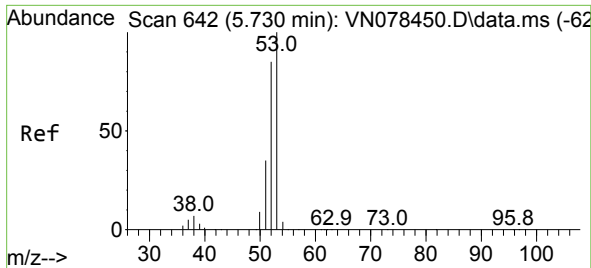
Tgt Ion: 56 Resp: 213578
Ion Ratio Lower Upper
56 100
55 72.2 54.5 81.7



#14
Allyl chloride
Concen: 46.148 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 41 Resp: 319864
Ion Ratio Lower Upper
41 100
39 77.5 58.8 88.2
76 44.5 39.1 58.7

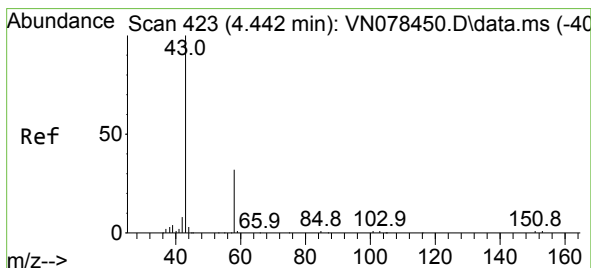
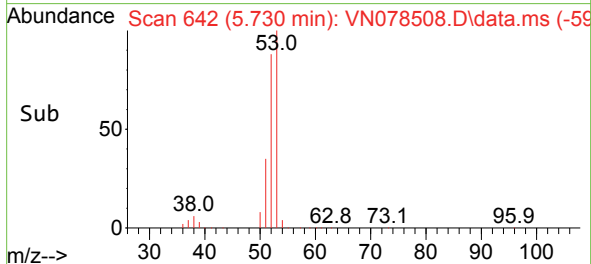
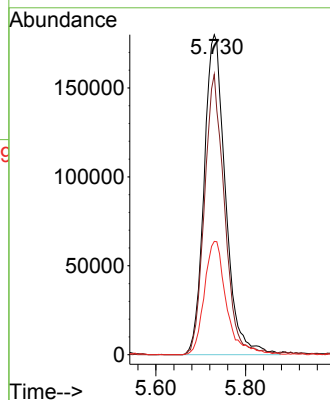
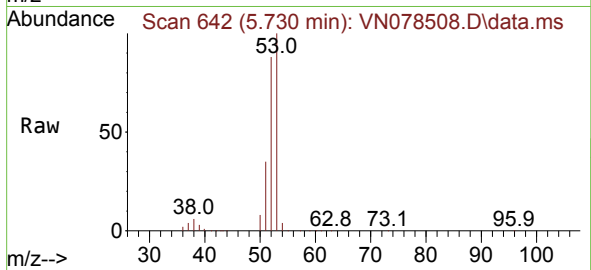




#15
Acrylonitrile
Concen: 237.039 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

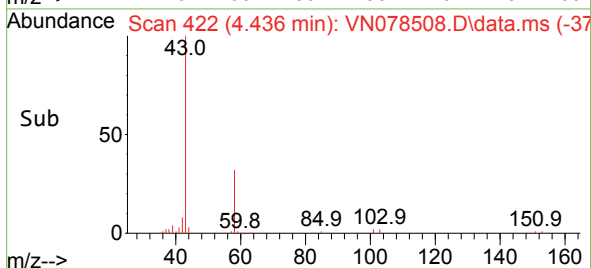
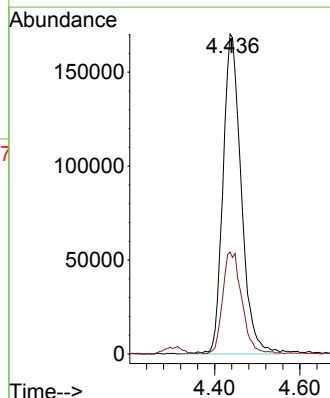
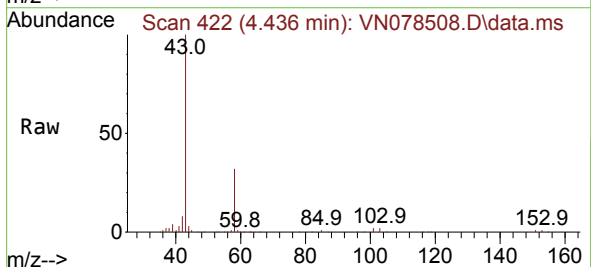
Instrument :
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ClientSampleId :
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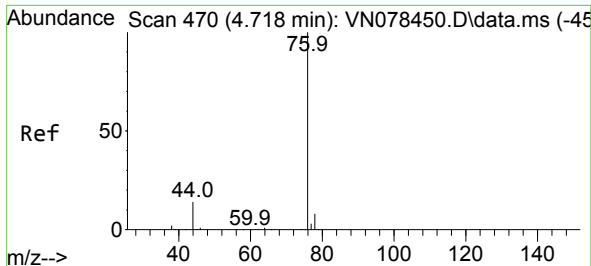
Tgt Ion: 53 Resp: 595176
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 36.7 28.9 43.3



#16
Acetone
Concen: 252.033 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 43 Resp: 505950
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0

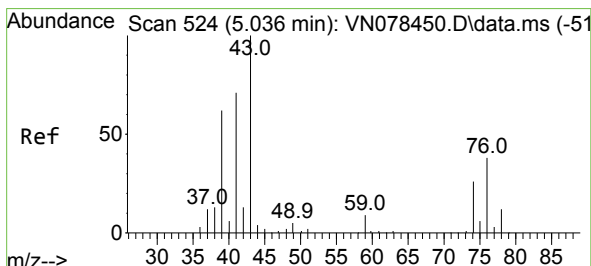
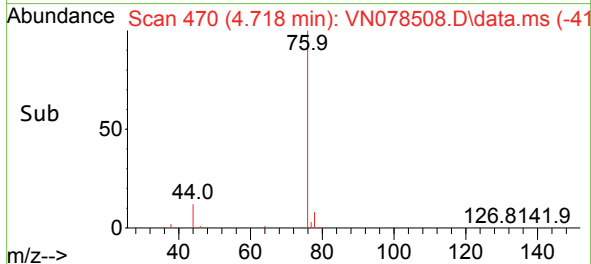
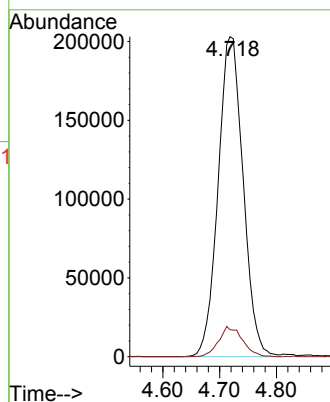
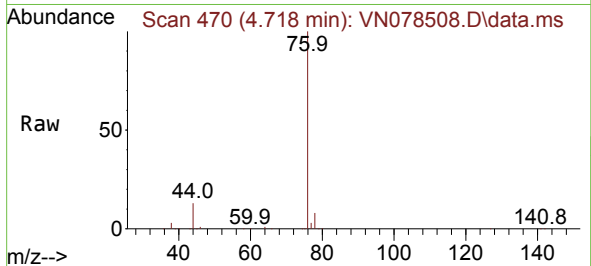




#17
Carbon Disulfide
Concen: 42.349 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

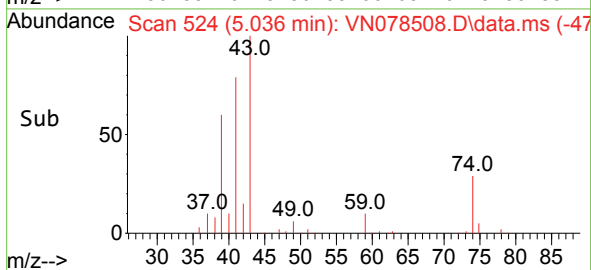
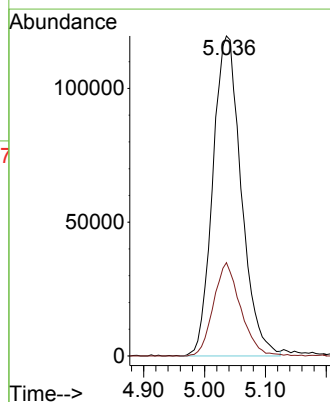
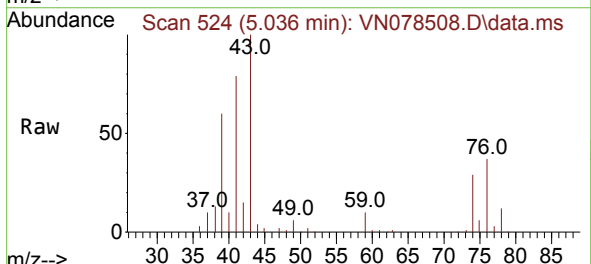
Instrument :
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ClientSampleId :
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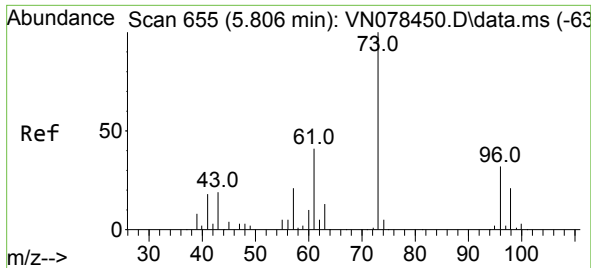
Tgt Ion: 76 Resp: 621160
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 45.679 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 43 Resp: 388183
Ion Ratio Lower Upper
43 100
74 27.9 26.2 39.4

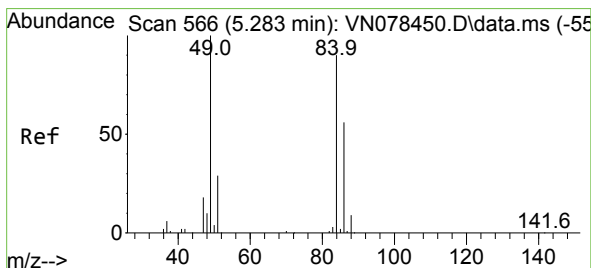
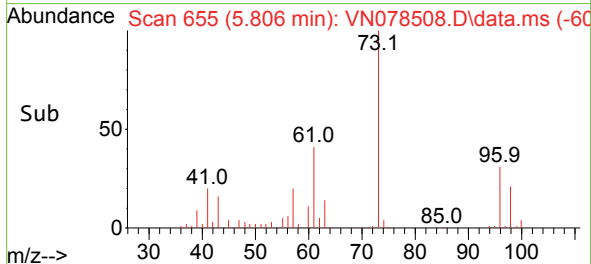
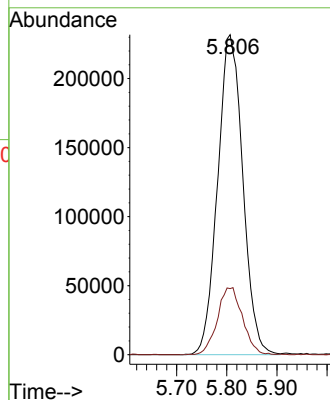
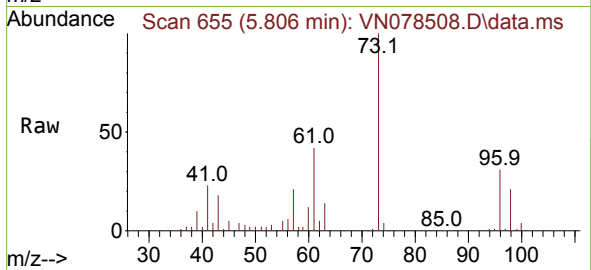




#19
Methyl tert-butyl Ether
Concen: 48.376 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

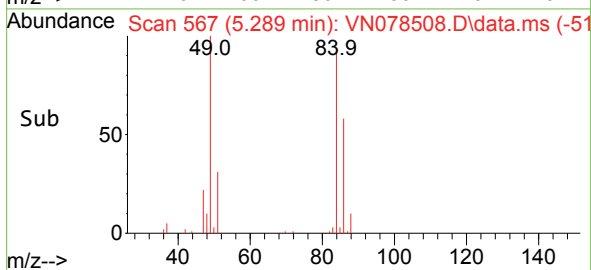
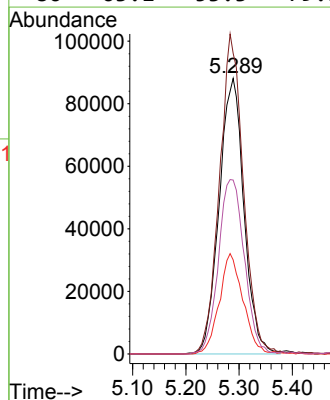
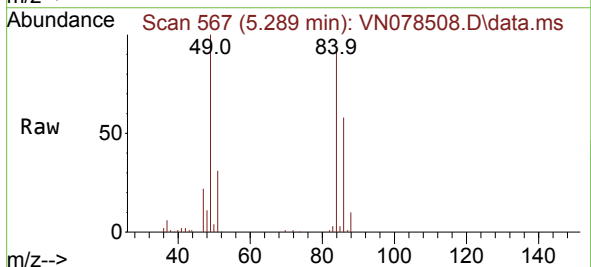
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

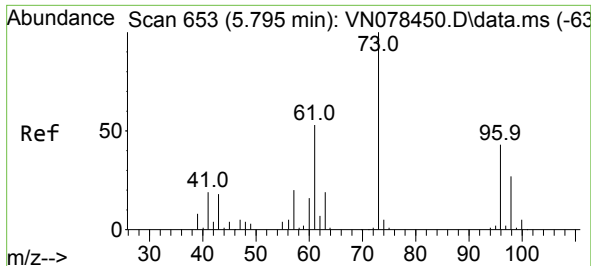
Tgt Ion: 73 Resp: 808505
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4



#20
Methylene Chloride
Concen: 49.438 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 84 Resp: 284753
Ion Ratio Lower Upper
84 100
49 109.1 79.7 119.5
51 34.2 25.2 37.8
86 63.1 53.3 79.9

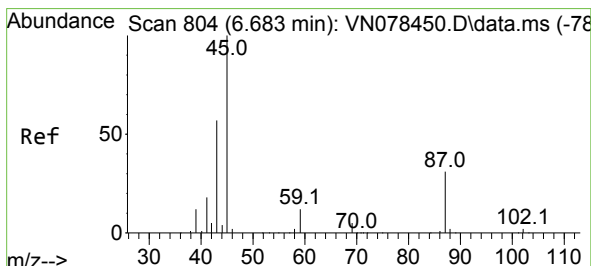
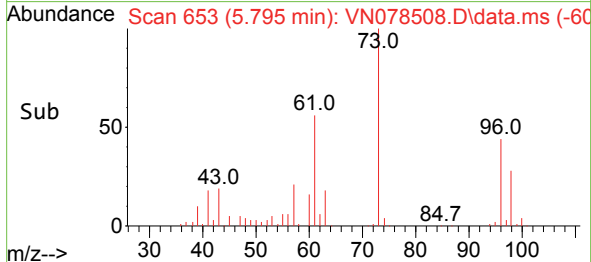
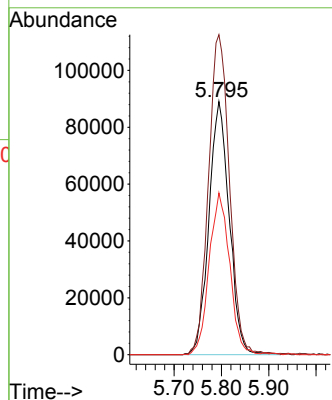
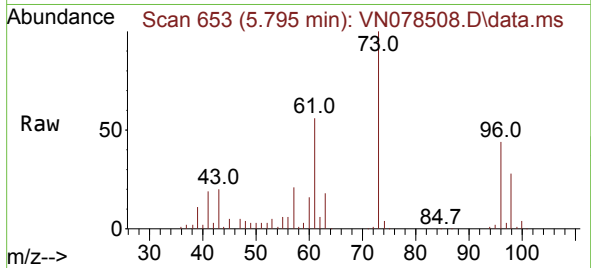




#21
trans-1,2-Dichloroethene
Concen: 46.430 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

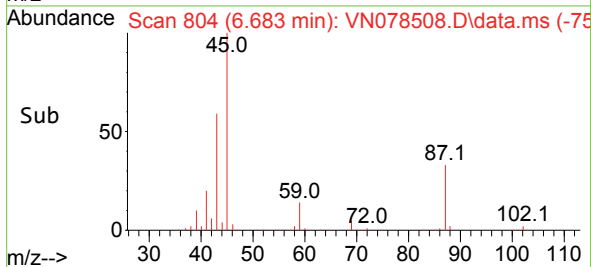
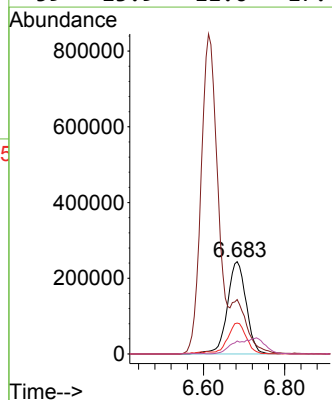
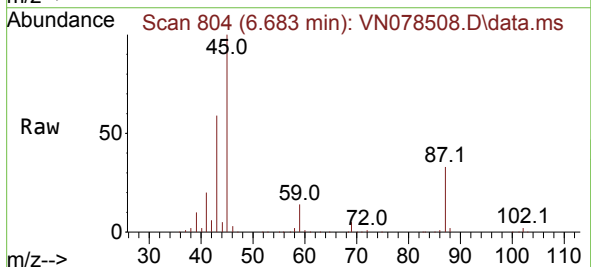
Instrument :
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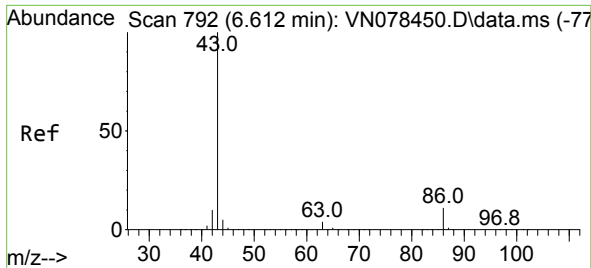
Tgt Ion: 96 Resp: 265399
Ion Ratio Lower Upper
96 100
61 126.4 90.1 135.1
98 63.9 46.4 69.6



#22
Diisopropyl ether
Concen: 50.561 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 45 Resp: 784711
Ion Ratio Lower Upper
45 100
43 58.8 45.5 68.3
87 33.3 31.8 47.8
59 13.9 11.6 17.4

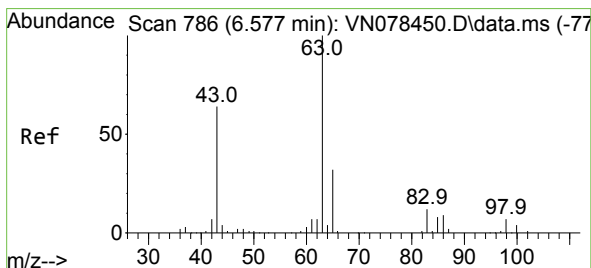
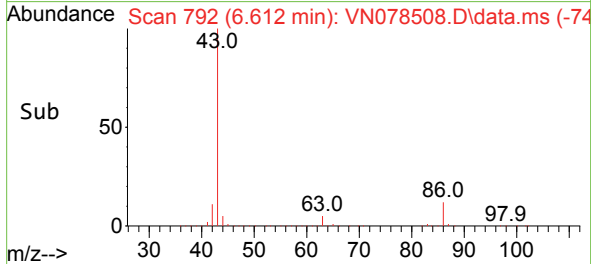
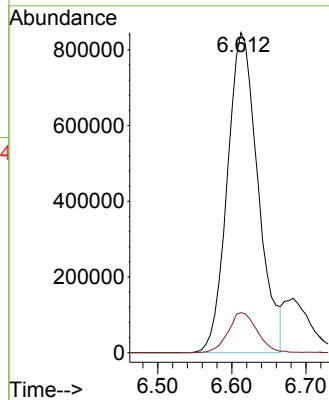
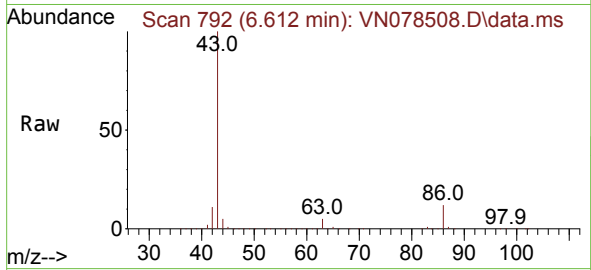




#23
 Vinyl Acetate
 Concen: 246.315 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078508.D
 Acq: 14 Jul 2023 09:12

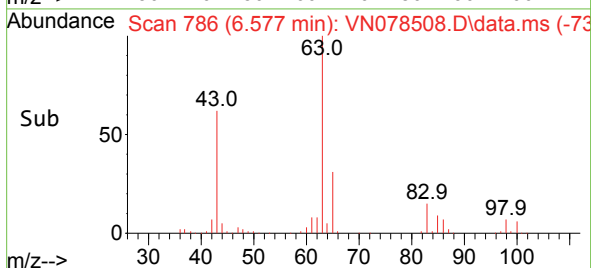
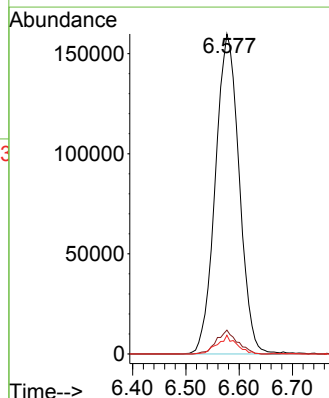
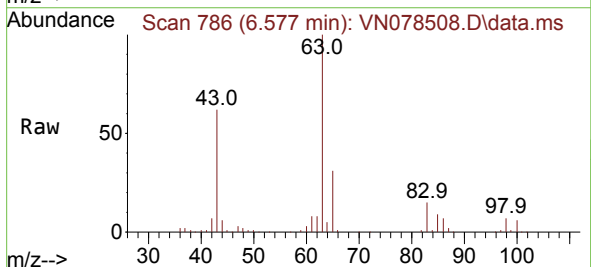
Instrument :
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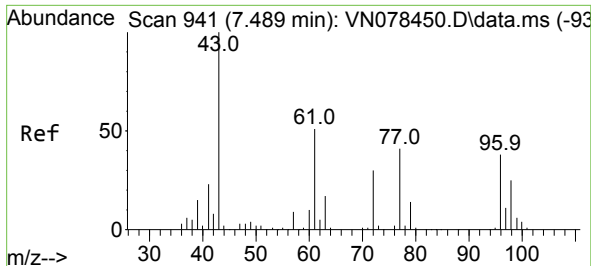
Tgt Ion: 43 Resp: 2430298
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 47.469 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078508.D
 Acq: 14 Jul 2023 09:12

Tgt Ion: 63 Resp: 496423
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 5.9 2.5 7.4

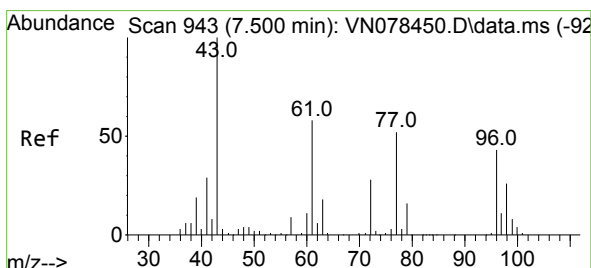
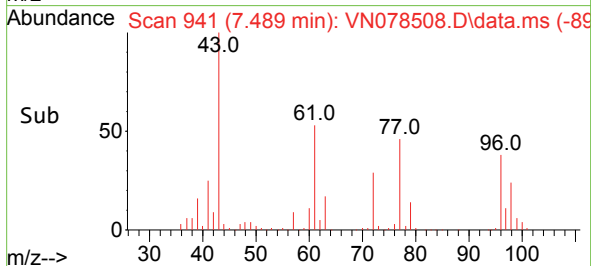
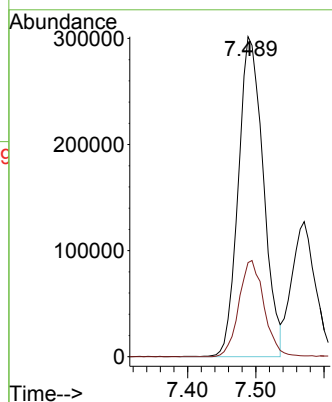
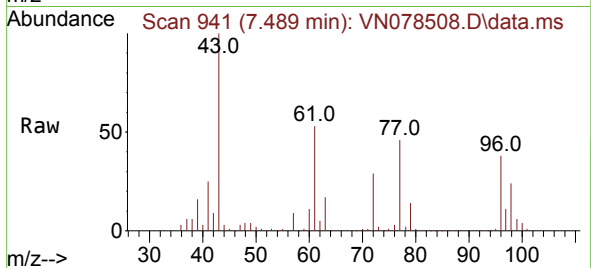




#25
2-Butanone
Concen: 243.115 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

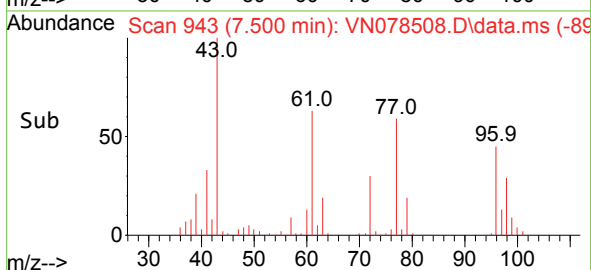
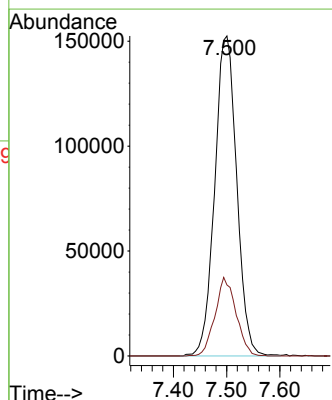
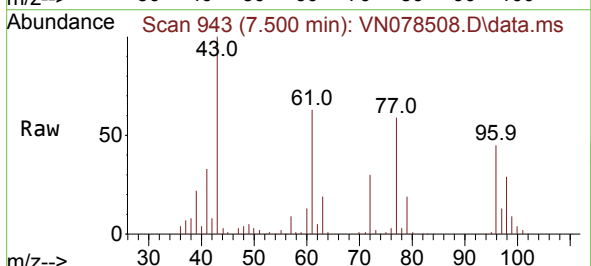
Instrument :
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ClientSampleId :
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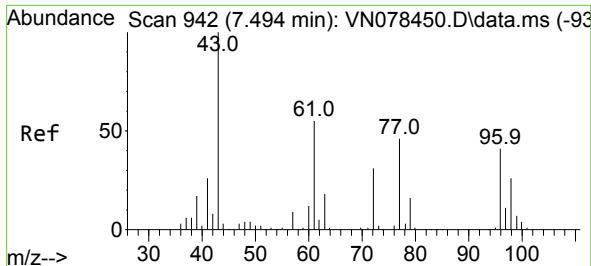
Tgt Ion: 43 Resp: 768254
Ion Ratio Lower Upper
43 100
72 29.4 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 51.096 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 77 Resp: 437043
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6

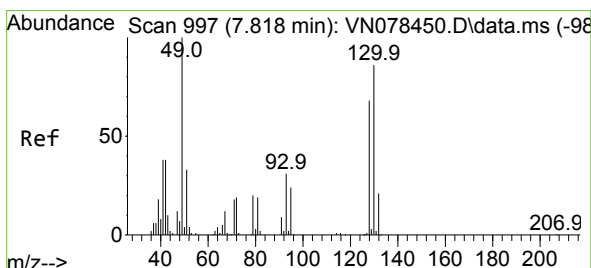
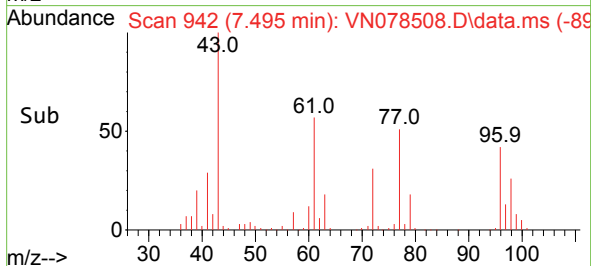
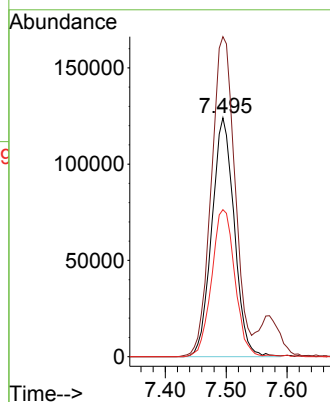
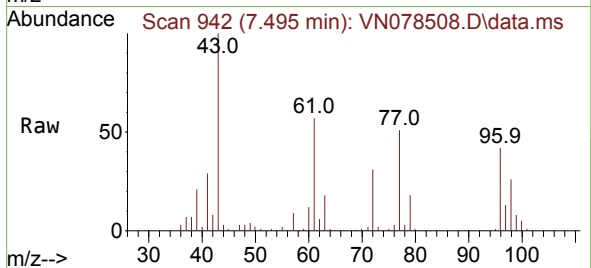




#27
 cis-1,2-Dichloroethene
 Concen: 47.981 ug/l
 RT: 7.495 min Scan# 942
 Delta R.T. 0.001 min
 Lab File: VN078508.D
 Acq: 14 Jul 2023 09:12

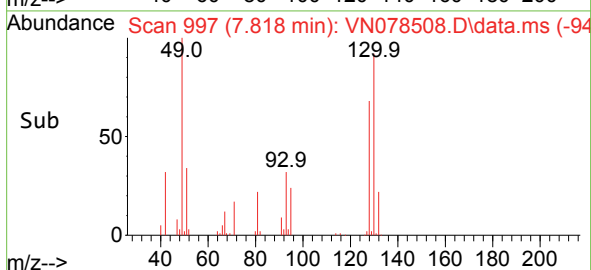
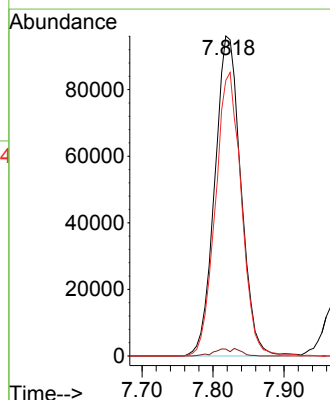
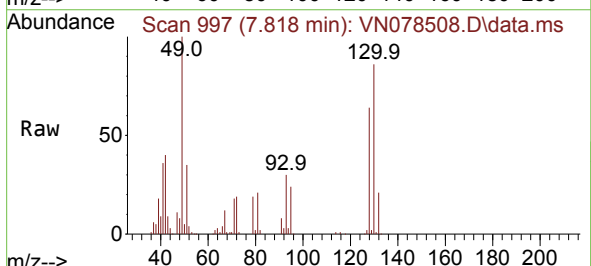
Instrument :
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 ClientSampleId :
 VSTDCCC050

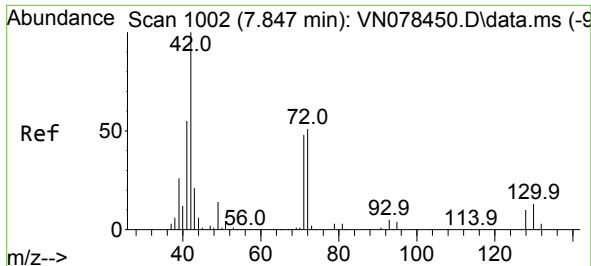
Tgt Ion: 96 Resp: 317275
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 255.2
 98 63.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.680 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078508.D
 Acq: 14 Jul 2023 09:12

Tgt Ion: 49 Resp: 244708
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.8
 130 88.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 237.262 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

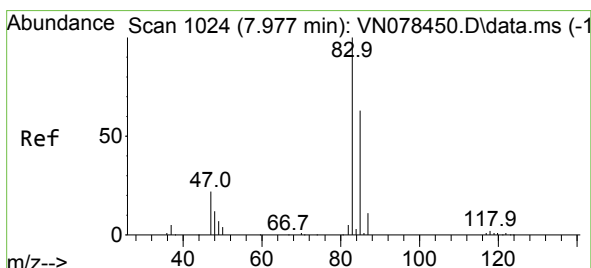
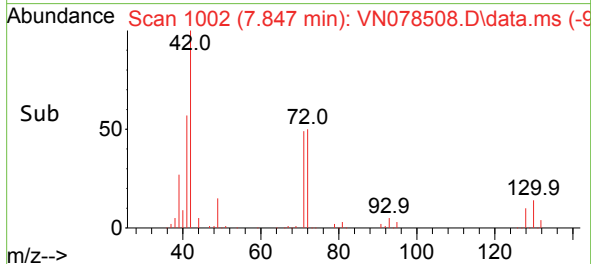
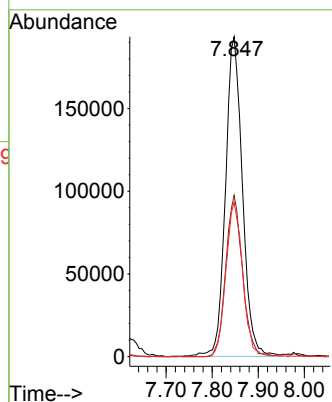
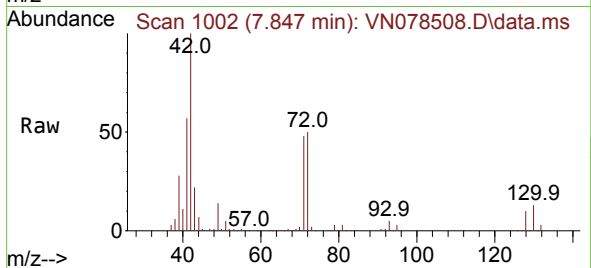
Tgt Ion: 42 Resp: 491967

Ion Ratio Lower Upper

42 100

72 49.9 49.8 74.6

71 47.7 47.4 71.2



#30

Chloroform

Concen: 49.707 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078508.D

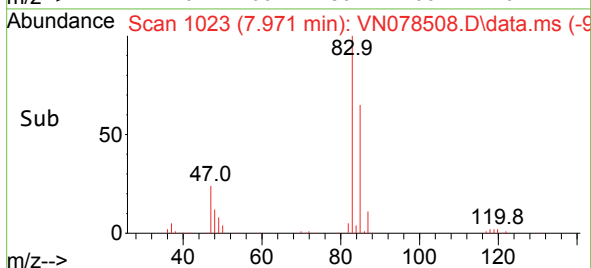
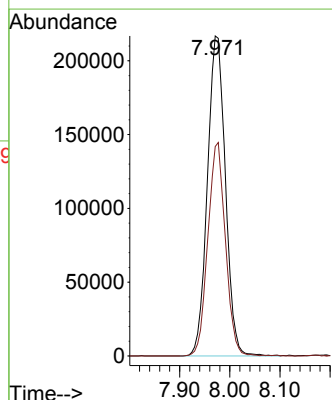
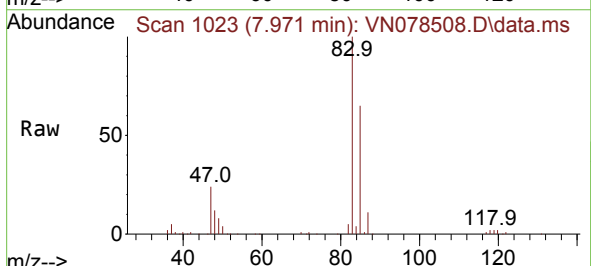
Acq: 14 Jul 2023 09:12

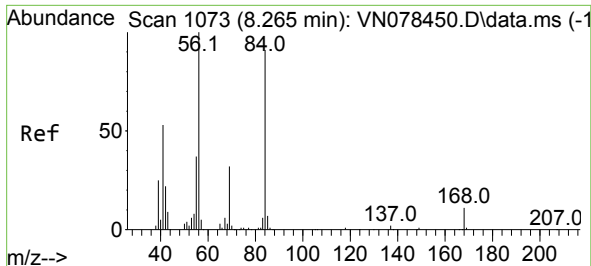
Tgt Ion: 83 Resp: 541194

Ion Ratio Lower Upper

83 100

85 65.4 55.4 83.0

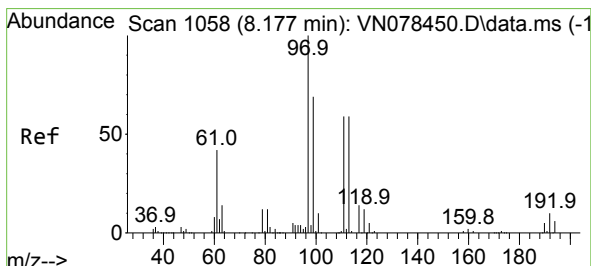
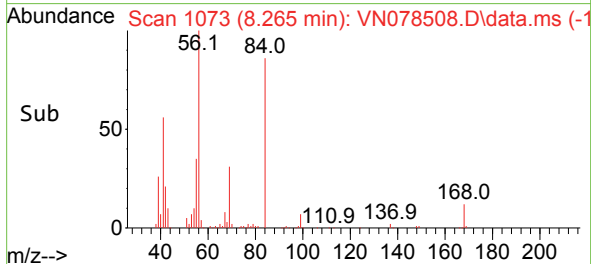
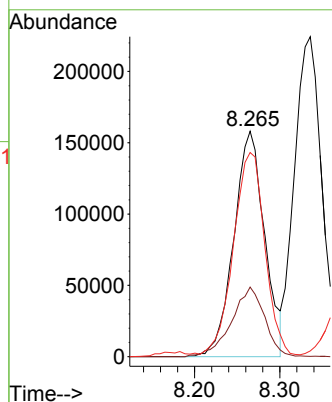
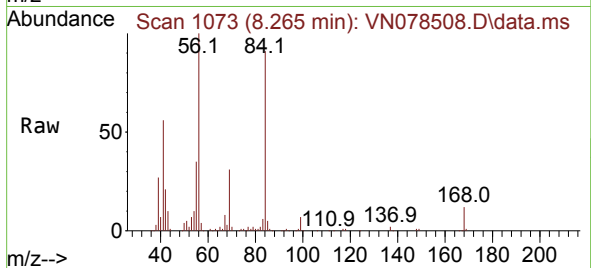




#31
Cyclohexane
Concen: 45.536 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

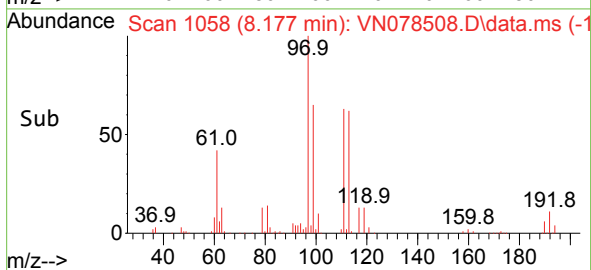
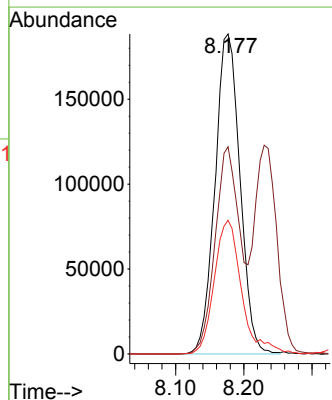
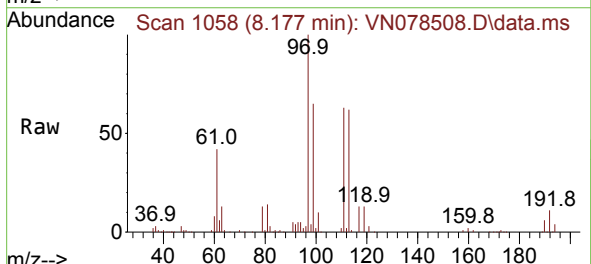
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

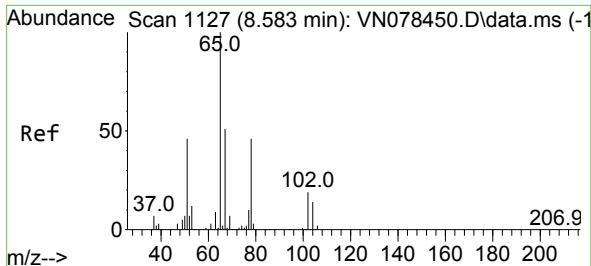
Tgt Ion: 56 Resp: 396597
Ion Ratio Lower Upper
56 100
69 30.9 26.8 40.2
84 88.3 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 49.215 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 97 Resp: 480419
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 45.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.280 ug/l

RT: 8.589 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

Instrument :

MSVOA_N

ClientSampleId :

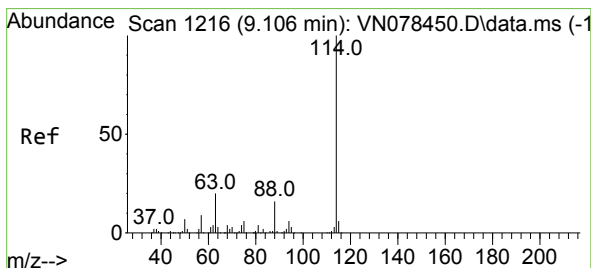
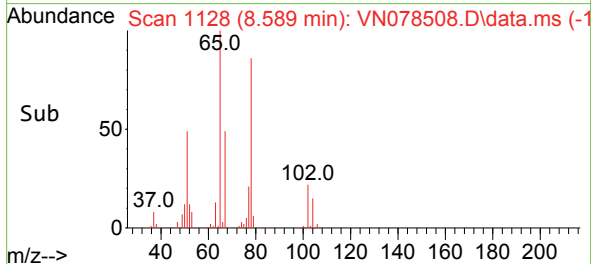
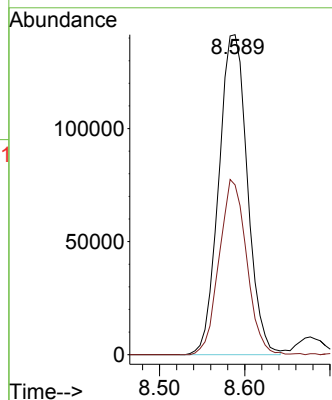
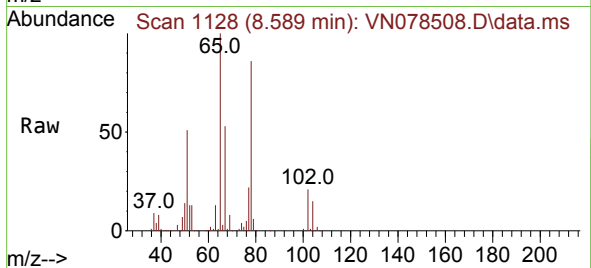
VSTDCCC050

Tgt Ion: 65 Resp: 330474

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

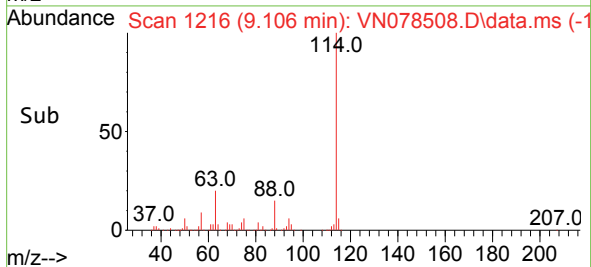
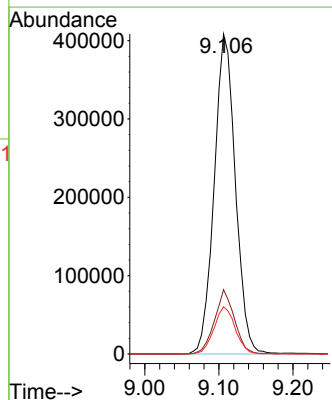
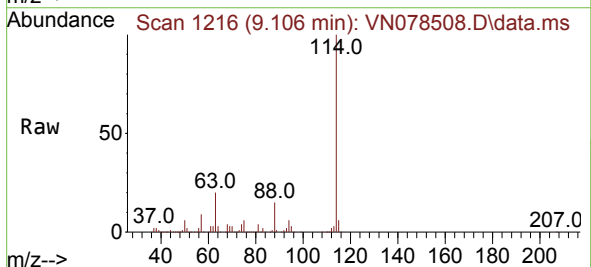
Tgt Ion: 114 Resp: 810635

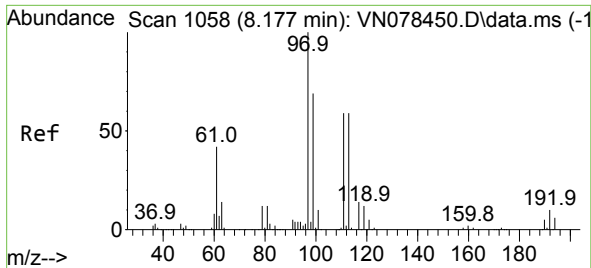
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 14.8 0.0 30.6

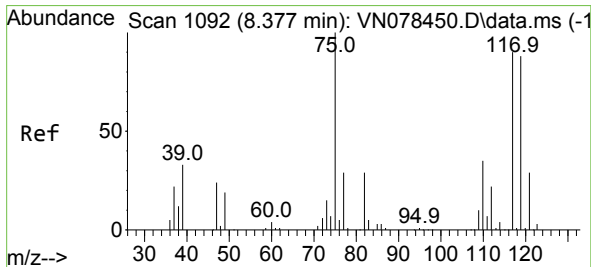
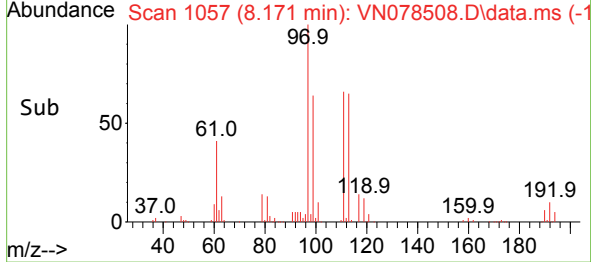
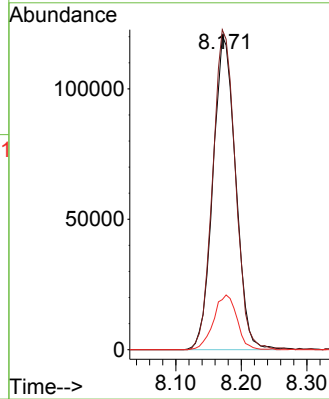
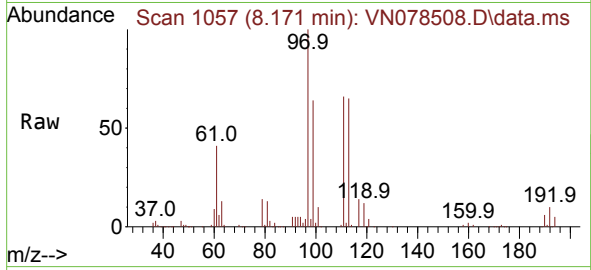




#35
Dibromofluoromethane
Concen: 52.556 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

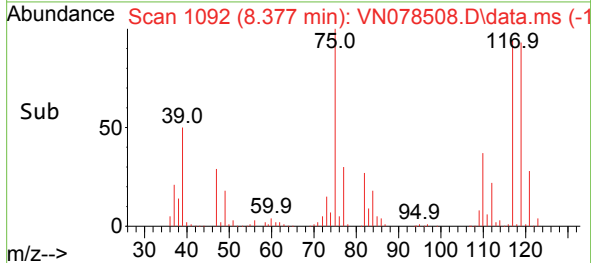
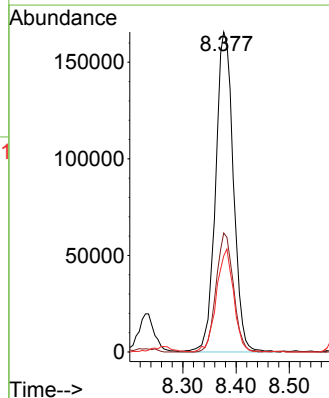
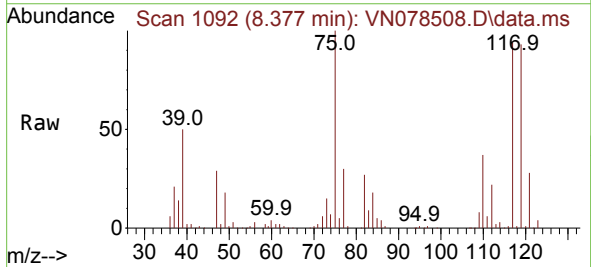
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

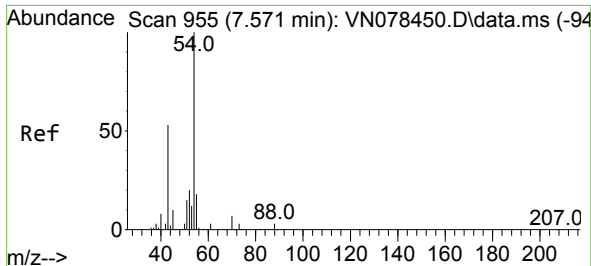
Tgt Ion:113 Resp: 289207
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 17.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 48.350 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 75 Resp: 384173
Ion Ratio Lower Upper
75 100
110 36.3 19.1 57.3
77 31.3 25.0 37.4

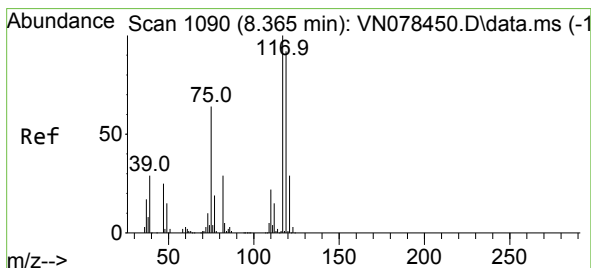
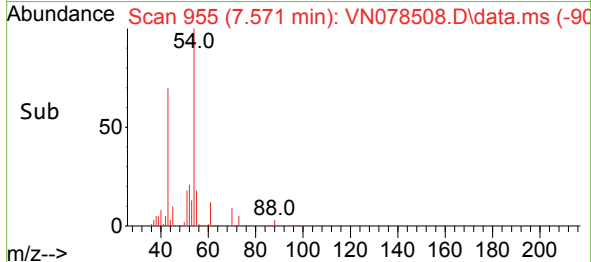
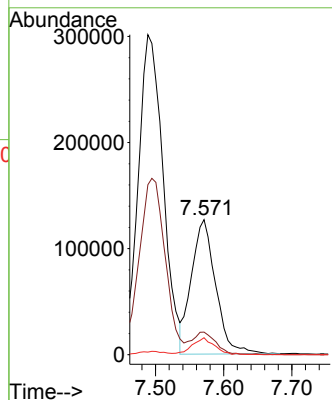
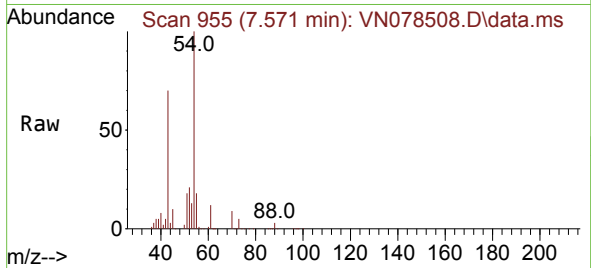




#37
Ethyl Acetate
Concen: 47.379 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

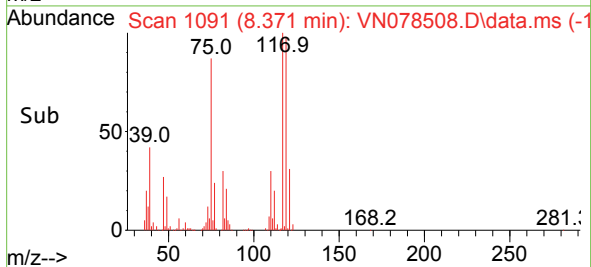
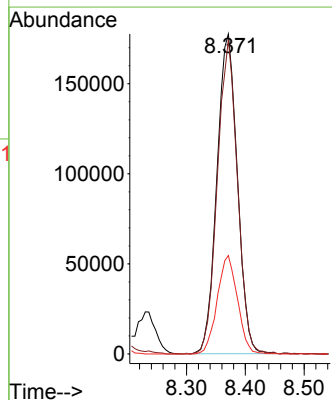
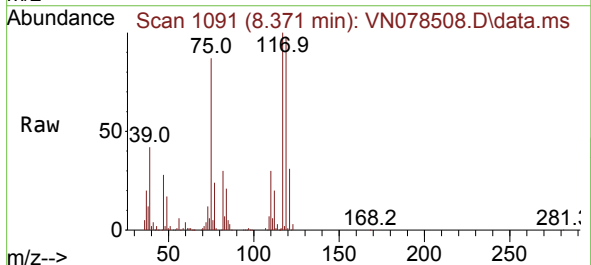
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

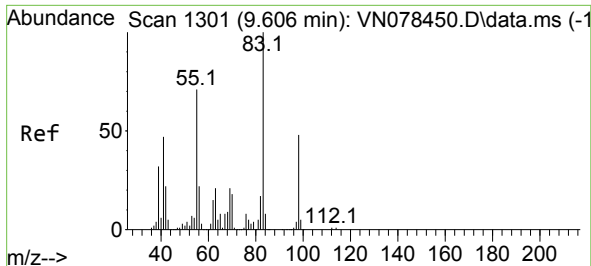
Tgt Ion: 43 Resp: 313819
Ion Ratio Lower Upper
43 100
61 14.6 13.2 19.8
70 11.4 11.3 16.9



#38
Carbon Tetrachloride
Concen: 49.661 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 117 Resp: 428854
Ion Ratio Lower Upper
117 100
119 98.3 77.3 115.9
121 30.8 23.3 34.9

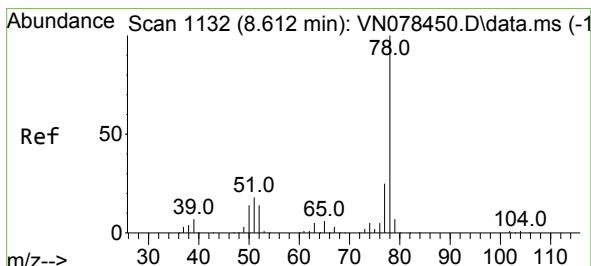
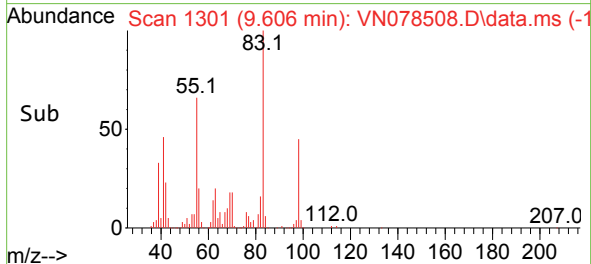
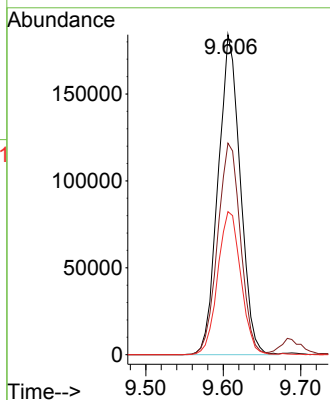
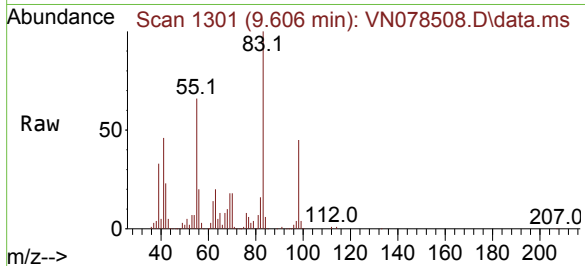




#39
Methylcyclohexane
Concen: 50.367 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

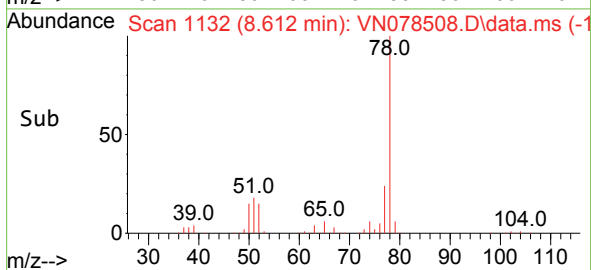
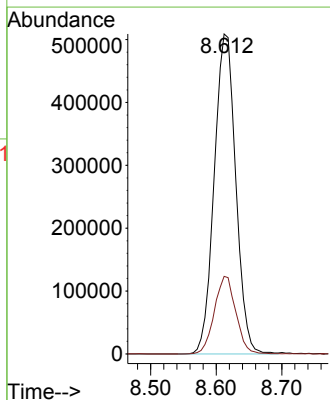
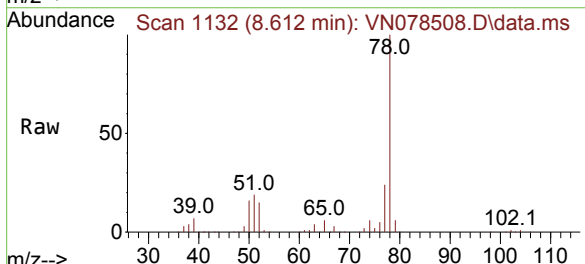
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

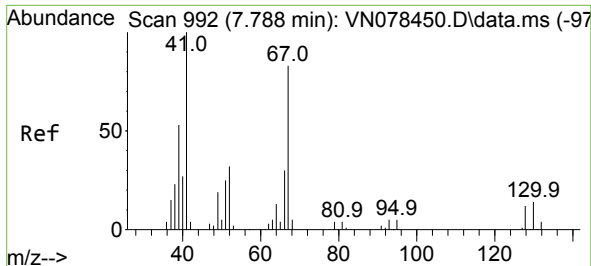
Tgt Ion: 83 Resp: 365294
Ion Ratio Lower Upper
83 100
55 66.1 49.1 73.7
98 44.7 40.6 61.0



#40
Benzene
Concen: 49.258 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 78 Resp: 1159505
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6



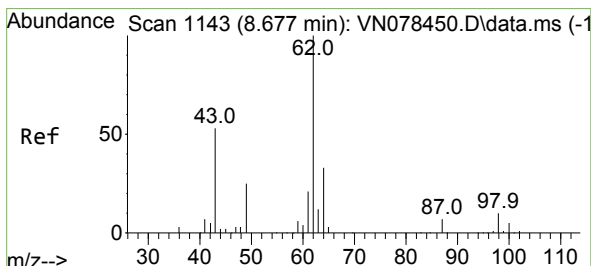
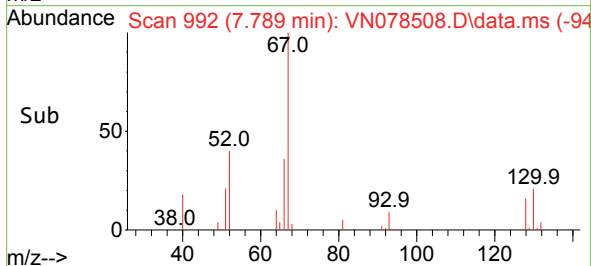
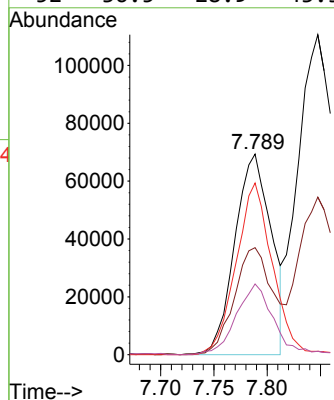
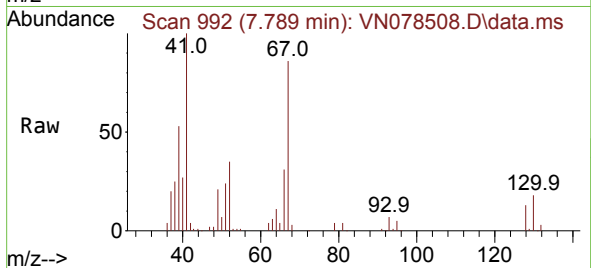


#41
Methacrylonitrile
Concen: 48.810 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.001 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 164813

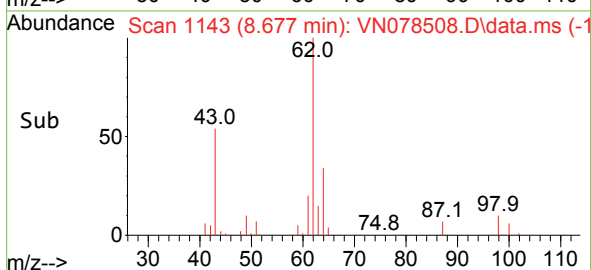
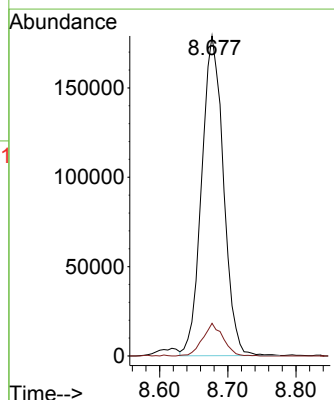
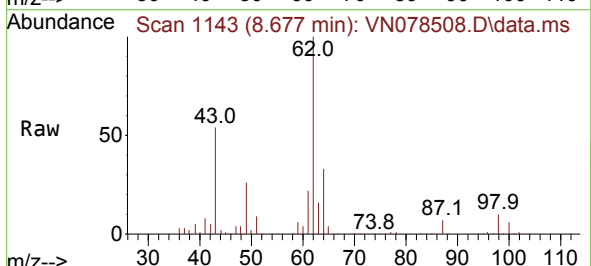
Ion	Ratio	Lower	Upper
41	100		
39	58.4	42.6	64.0
67	86.0	77.5	116.3
52	36.5	28.9	43.3

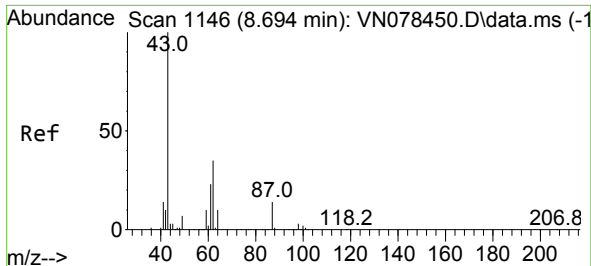


#42
1,2-Dichloroethane
Concen: 49.717 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 62 Resp: 398069

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8

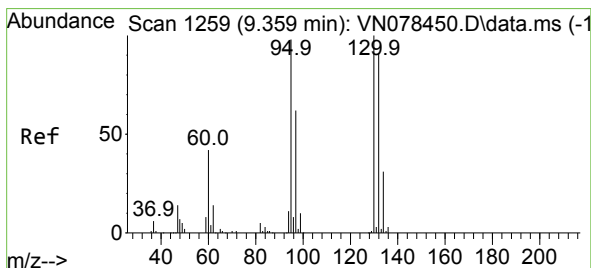
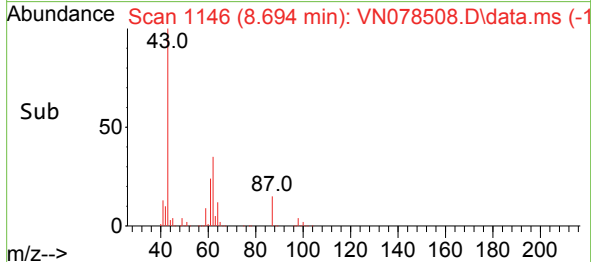
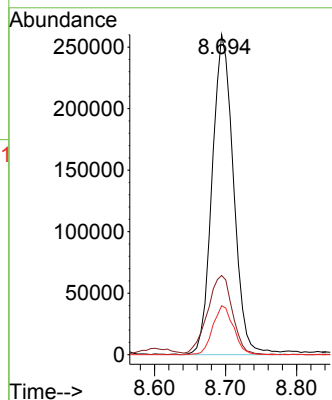
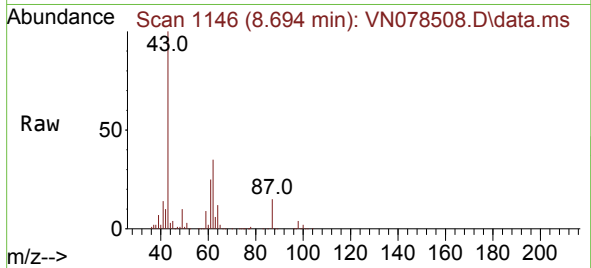




#43
Isopropyl Acetate
Concen: 49.813 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

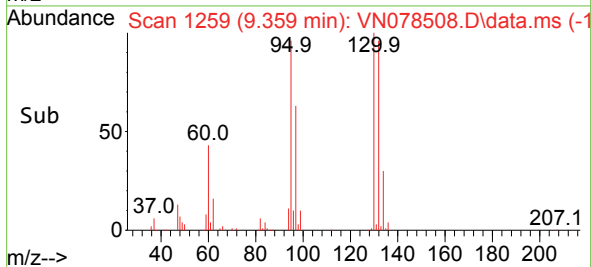
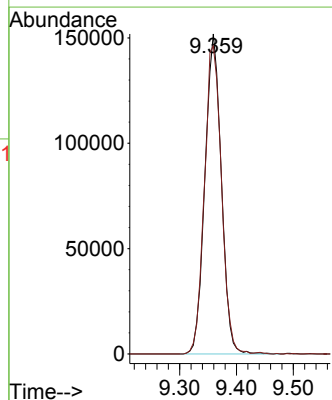
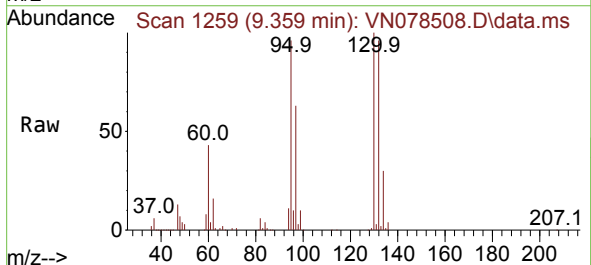
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

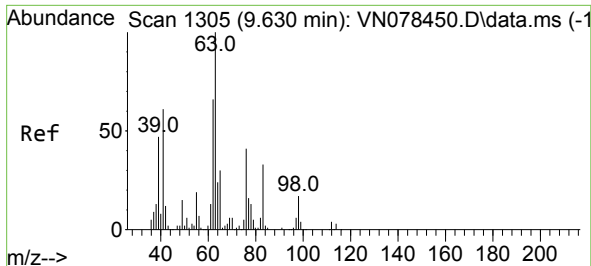
Tgt Ion: 43 Resp: 543210
Ion Ratio Lower Upper
43 100
61 29.1 24.7 37.1
87 14.8 14.6 21.8



#44
Trichloroethene
Concen: 47.918 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion:130 Resp: 304006
Ion Ratio Lower Upper
130 100
95 96.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.806 ug/l

RT: 9.630 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

Instrument :

MSVOA_N

ClientSampleId :

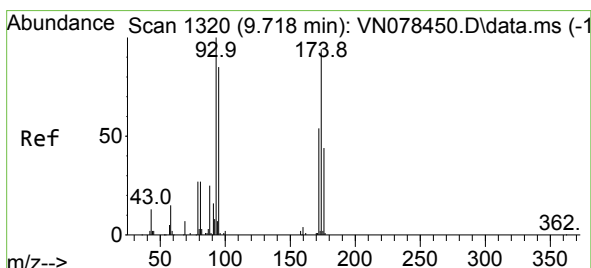
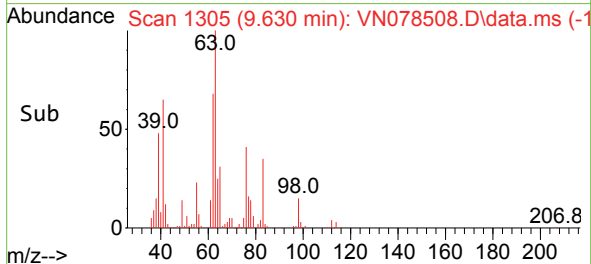
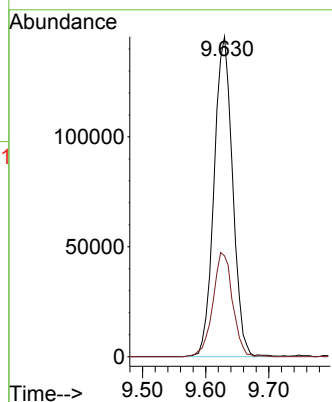
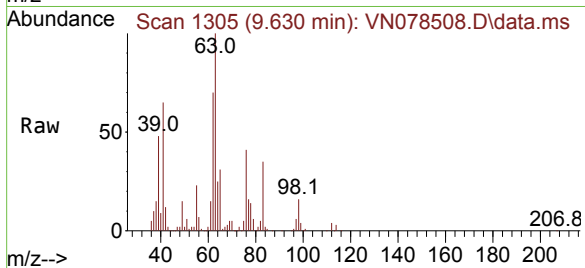
VSTDCCC050

Tgt Ion: 63 Resp: 296940

Ion Ratio Lower Upper

63 100

65 31.5 23.9 35.9



#46

Dibromomethane

Concen: 51.300 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

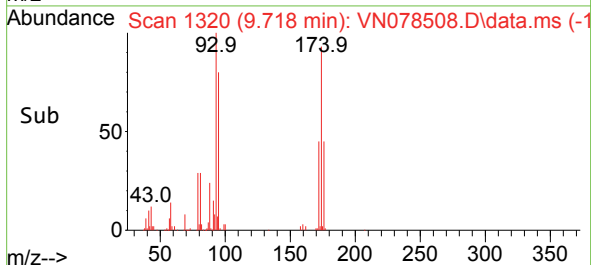
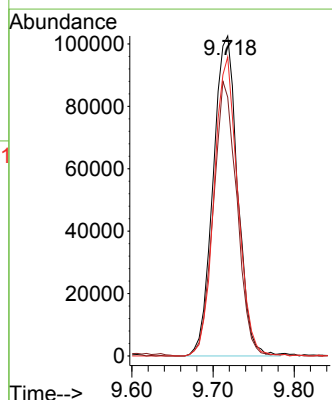
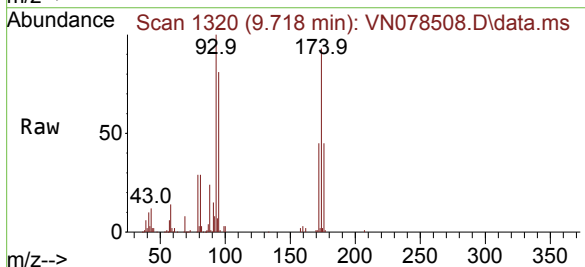
Tgt Ion: 93 Resp: 215263

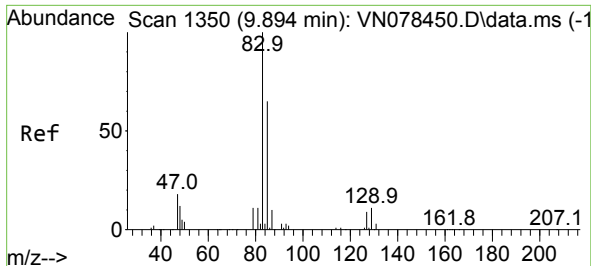
Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

174 90.4 65.6 98.4

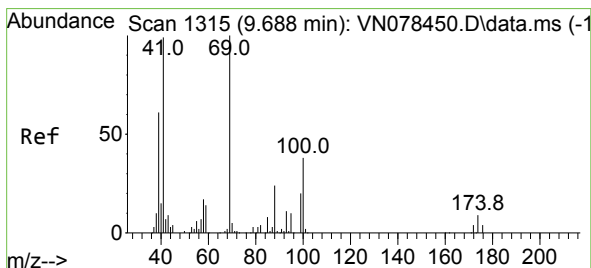
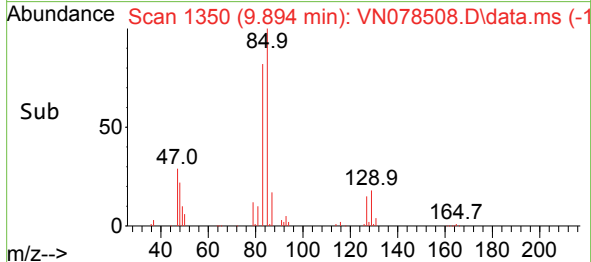
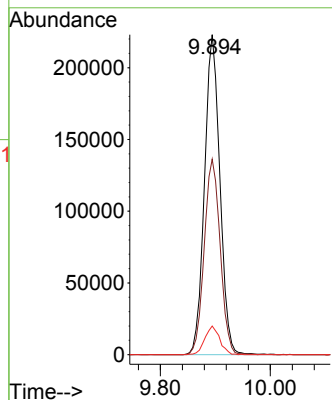
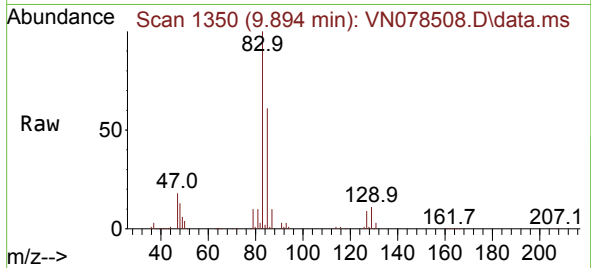




#47
Bromodichloromethane
Concen: 51.569 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

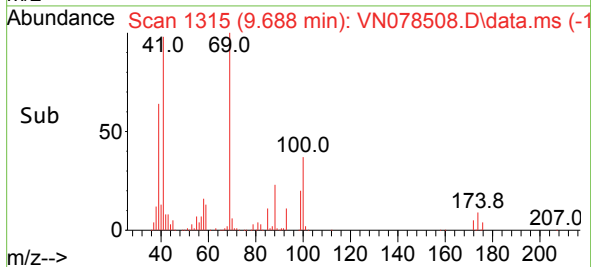
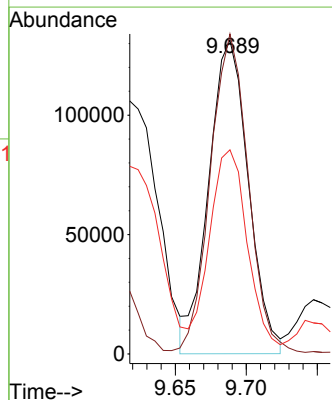
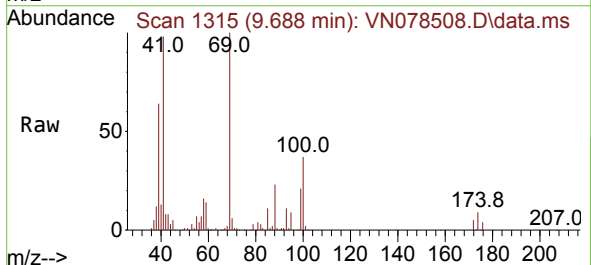
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

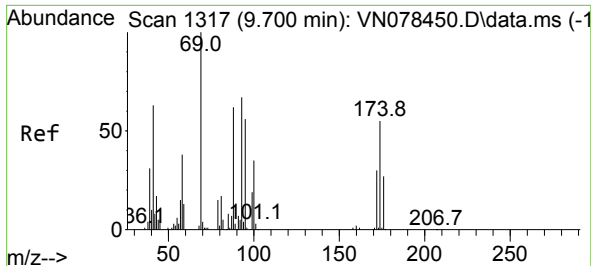
Tgt Ion: 83 Resp: 433774
Ion Ratio Lower Upper
83 100
85 61.1 49.6 74.4
127 9.0 7.0 10.6



#48
Methyl methacrylate
Concen: 50.387 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 41 Resp: 254563
Ion Ratio Lower Upper
41 100
69 99.1 90.4 135.6
39 62.9 54.6 81.8

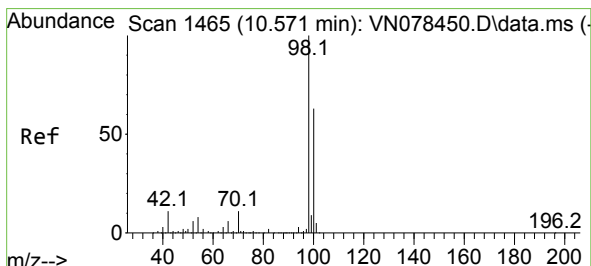
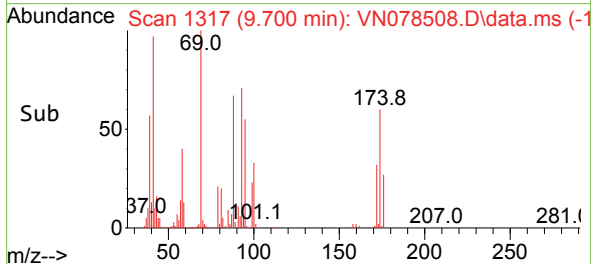
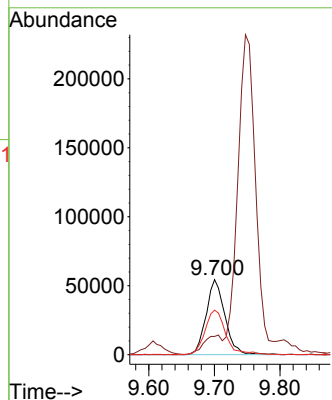
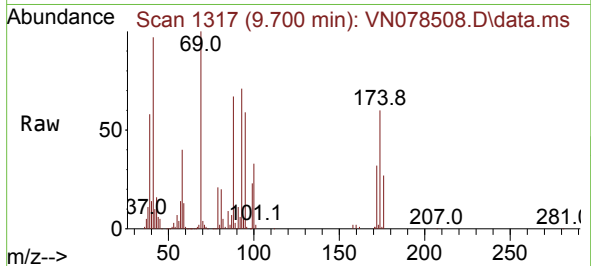




#49
1,4-Dioxane
Concen: 986.961 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

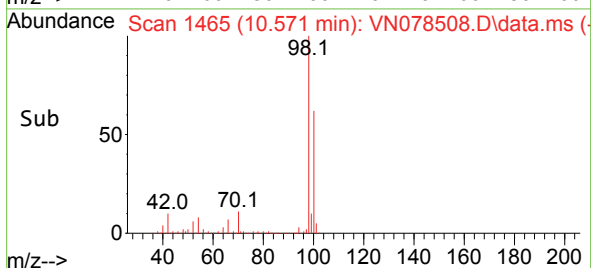
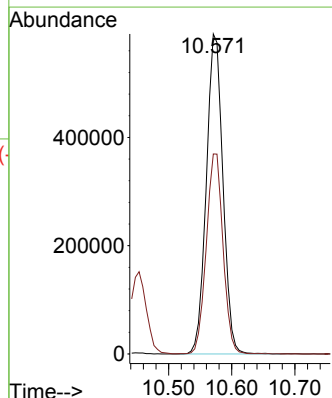
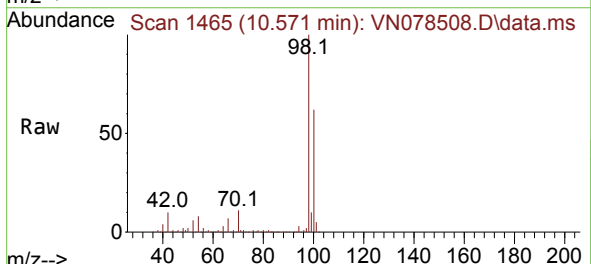
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

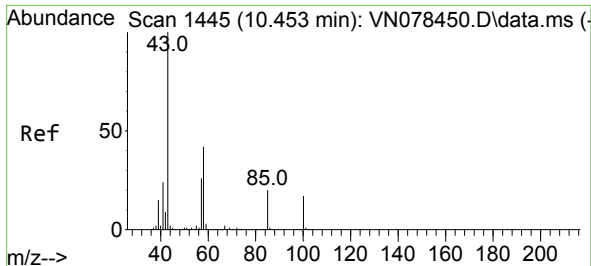
Tgt Ion: 88 Resp: 108741
Ion Ratio Lower Upper
88 100
43 24.3 17.0 25.6
58 65.0 47.0 70.4



#50
Toluene-d8
Concen: 51.847 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 98 Resp: 1077791
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

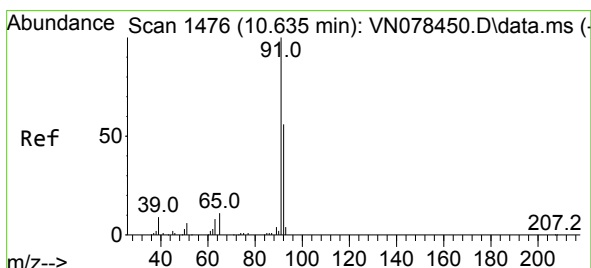
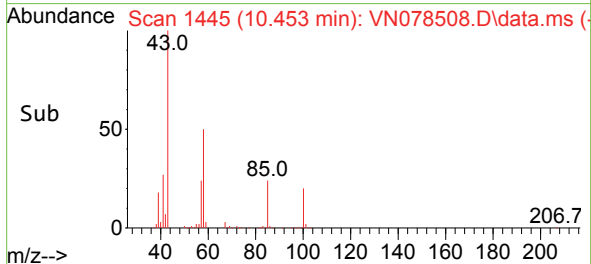
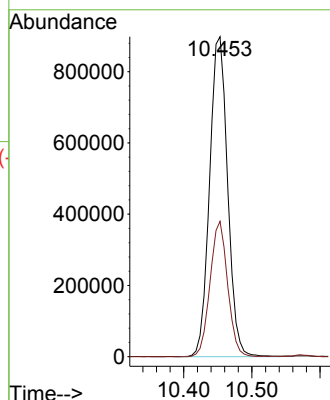
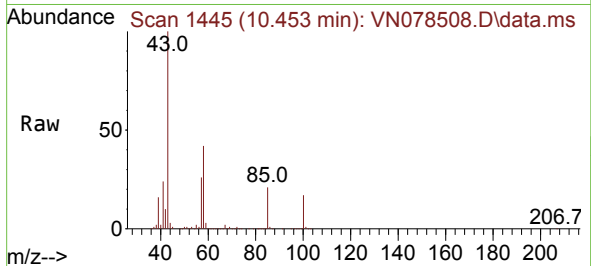




#51
4-Methyl-2-Pentanone
Concen: 255.130 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

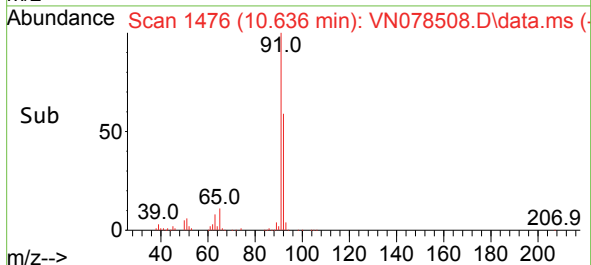
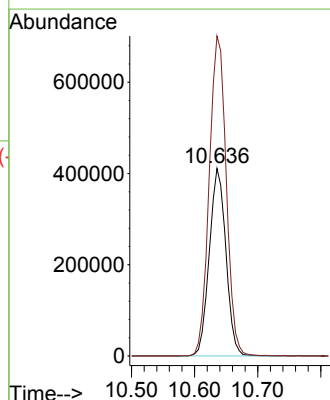
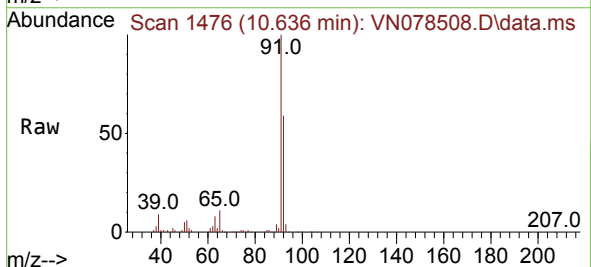
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

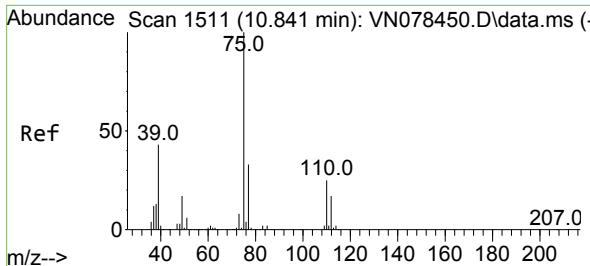
Tgt Ion: 43 Resp: 1654865
Ion Ratio Lower Upper
43 100
58 41.2 36.6 54.8



#52
Toluene
Concen: 51.412 ug/l
RT: 10.636 min Scan# 1476
Delta R.T. 0.001 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 92 Resp: 750064
Ion Ratio Lower Upper
92 100
91 175.2 137.4 206.0

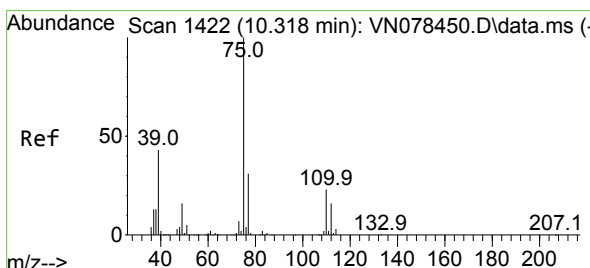
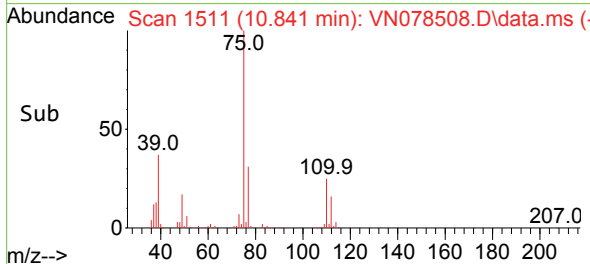
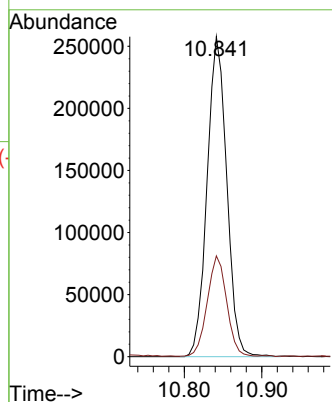
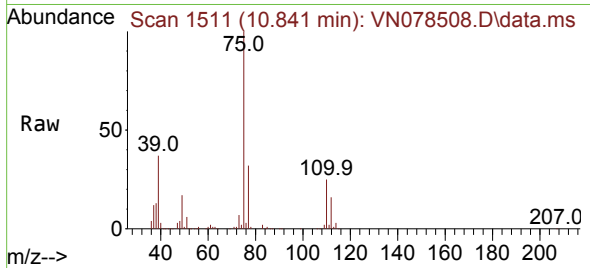




#53
t-1,3-Dichloropropene
Concen: 52.667 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

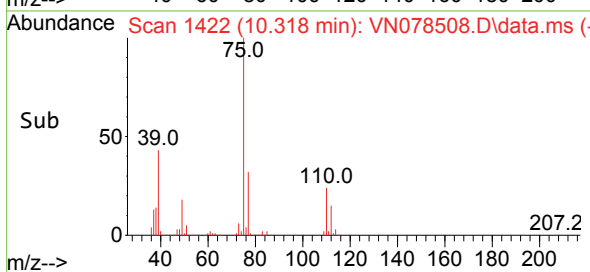
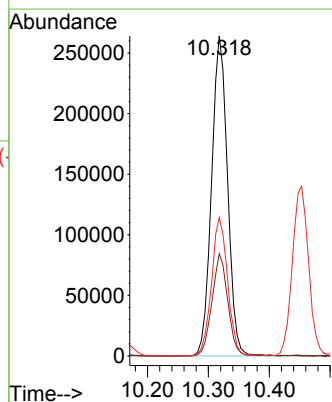
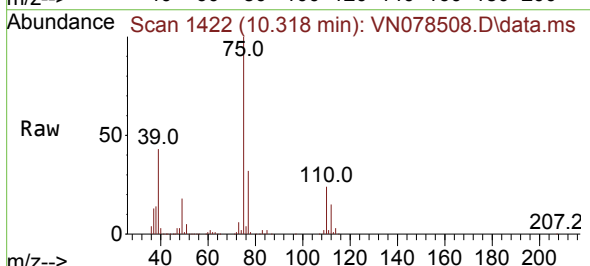
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

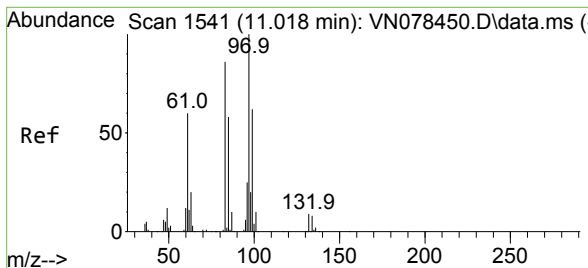
Tgt Ion: 75 Resp: 453850
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 52.381 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 75 Resp: 481148
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
39 43.1 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 50.558 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 290614

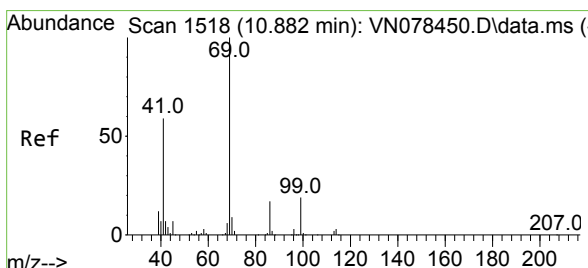
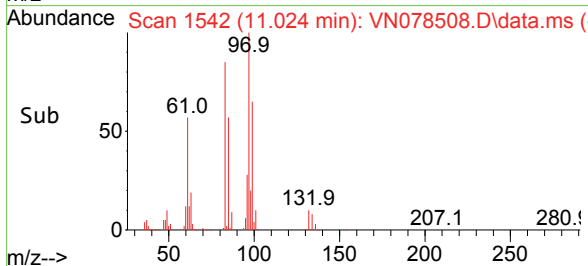
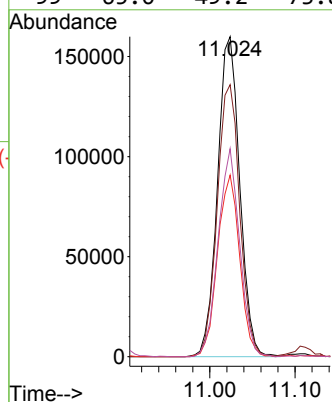
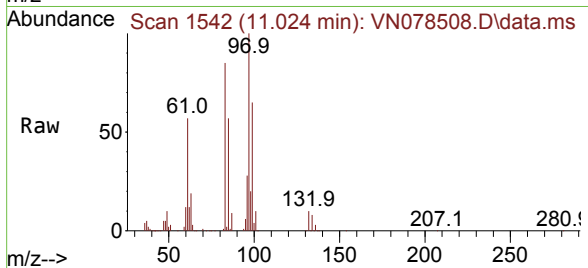
Ion Ratio Lower Upper

97 100

83 85.0 65.1 97.7

85 56.7 43.4 65.2

99 65.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 51.637 ug/l

RT: 10.883 min Scan# 1518

Delta R.T. 0.001 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

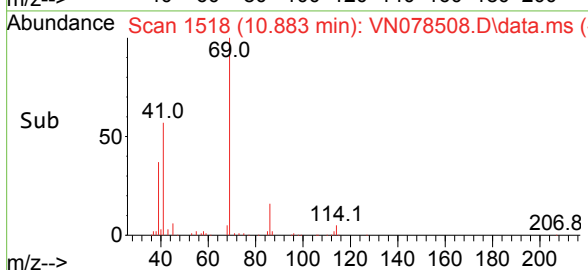
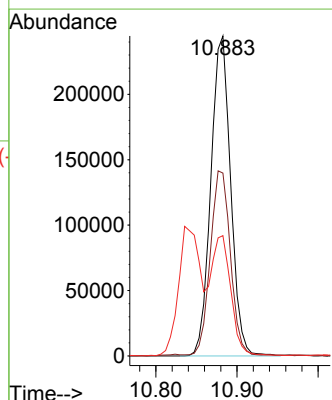
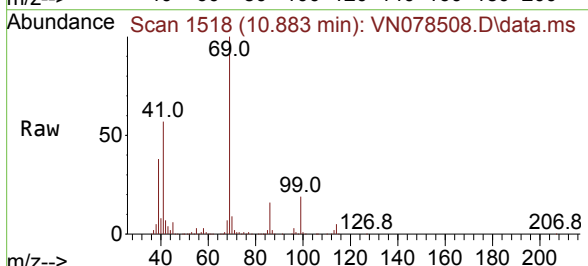
Tgt Ion: 69 Resp: 414908

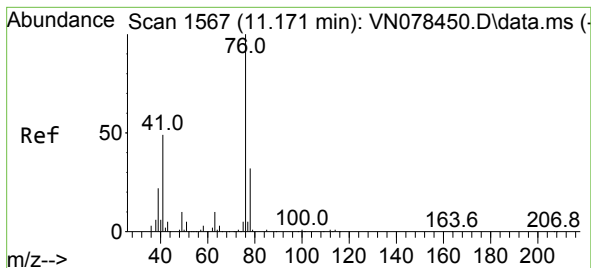
Ion Ratio Lower Upper

69 100

41 57.9 39.6 59.4

39 38.4 28.6 43.0





#57

1,3-Dichloropropane

Concen: 49.169 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

Instrument :

MSVOA_N

ClientSampleId :

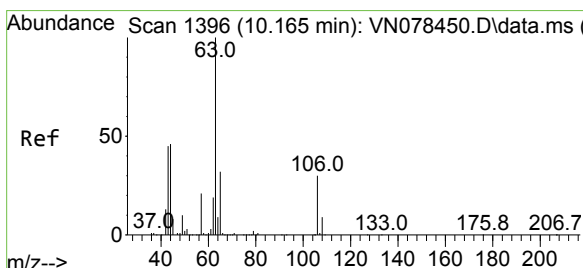
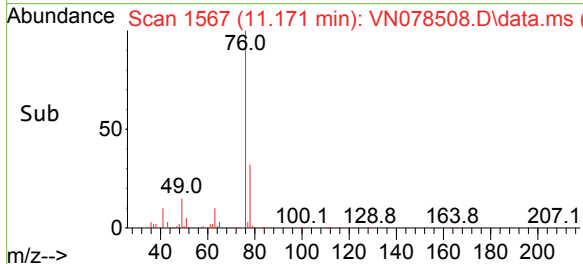
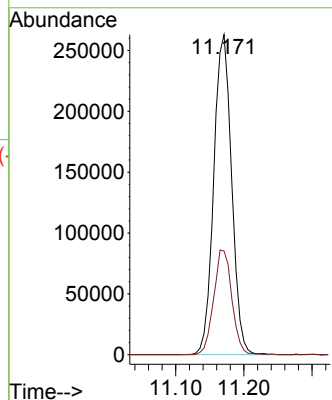
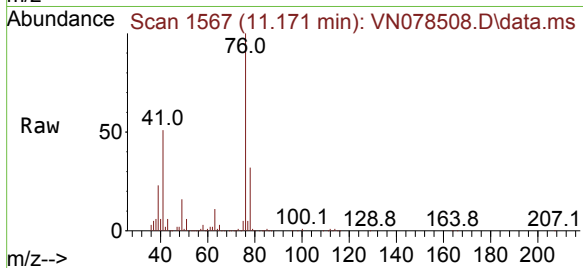
VSTDCCC050

Tgt Ion: 76 Resp: 480555

Ion Ratio Lower Upper

76 100

78 33.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 277.960 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078508.D

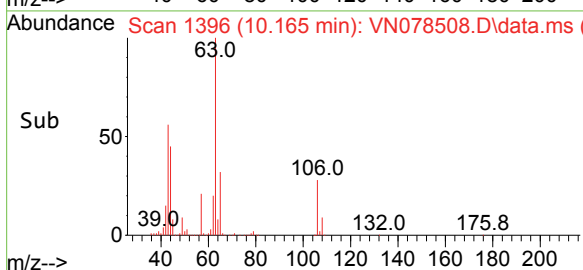
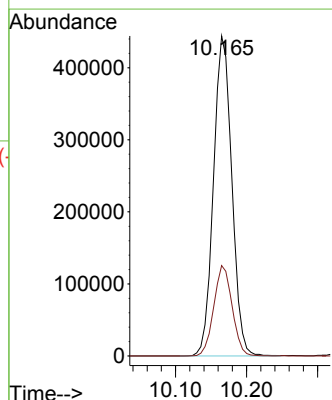
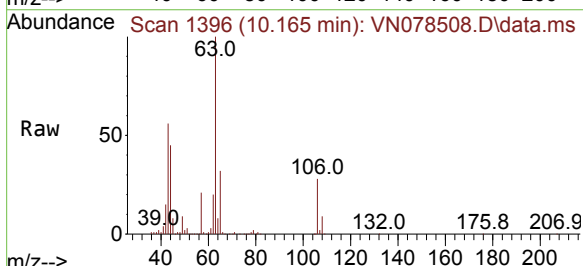
Acq: 14 Jul 2023 09:12

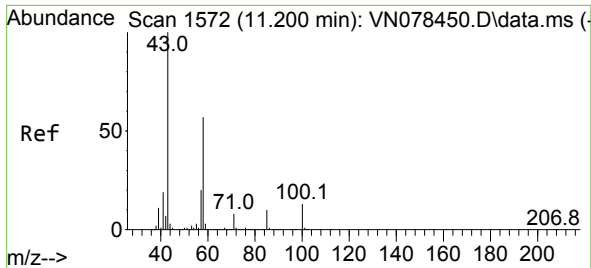
Tgt Ion: 63 Resp: 795943

Ion Ratio Lower Upper

63 100

106 28.2 26.2 39.4

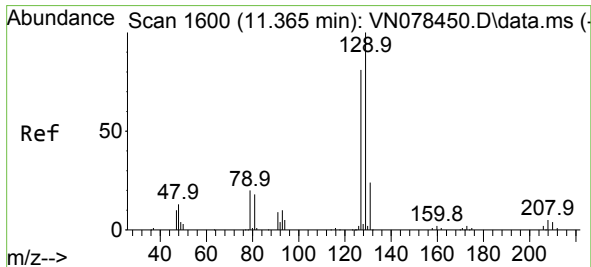
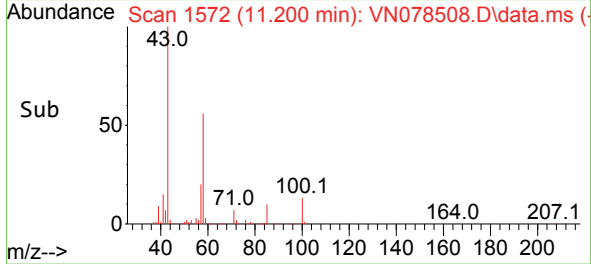
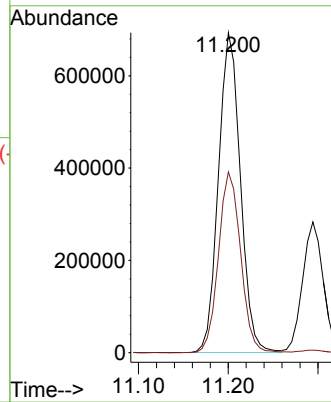
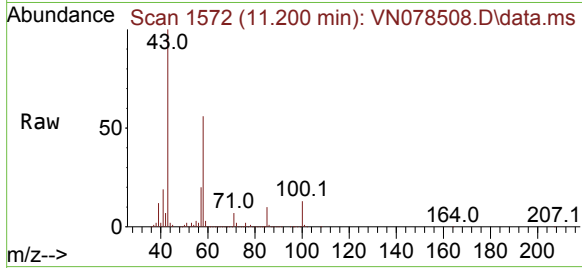




#59
2-Hexanone
Concen: 255.394 ug/l
RT: 11.200 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

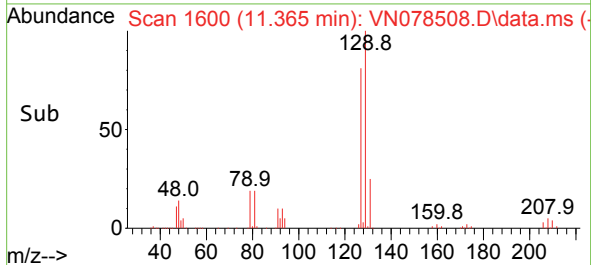
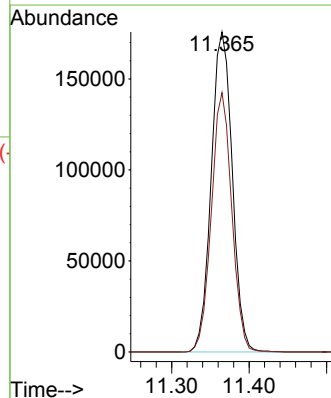
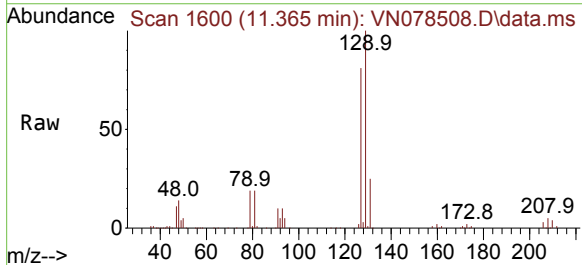
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

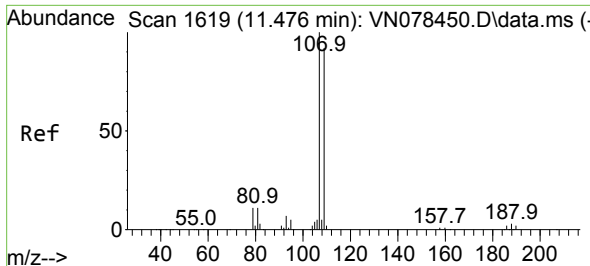
Tgt Ion: 43 Resp: 1177352
Ion Ratio Lower Upper
43 100
58 57.0 31.7 95.1



#60
Dibromochloromethane
Concen: 52.158 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 129 Resp: 330984
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0

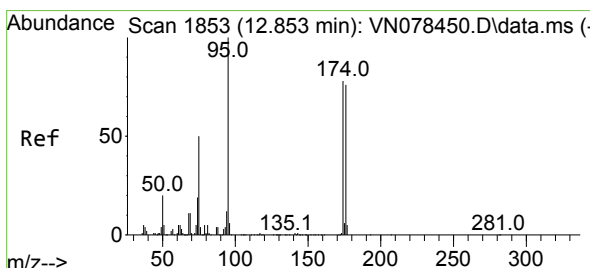
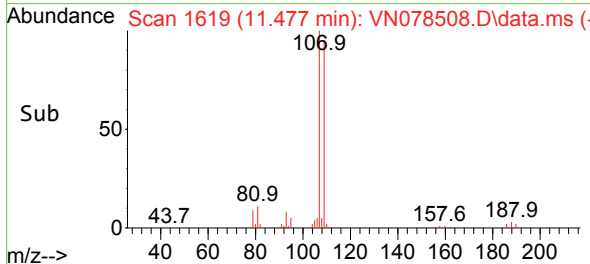
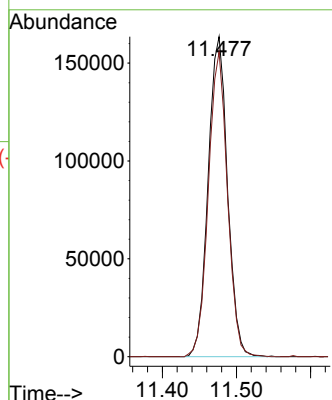
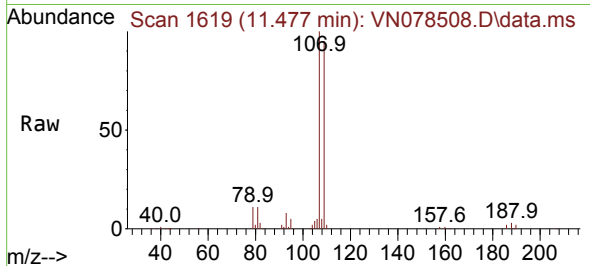




#61
1,2-Dibromoethane
Concen: 50.236 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

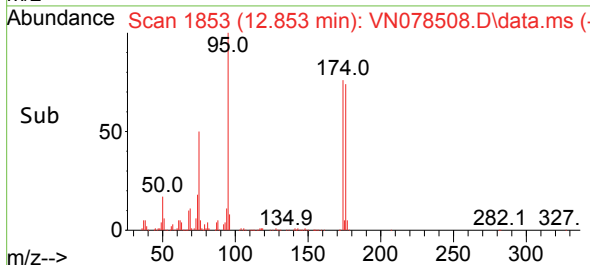
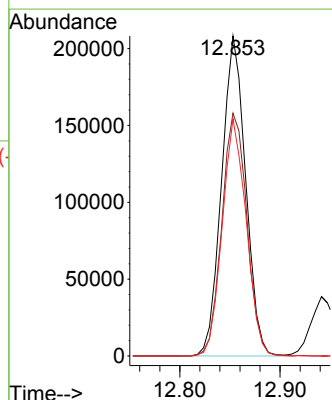
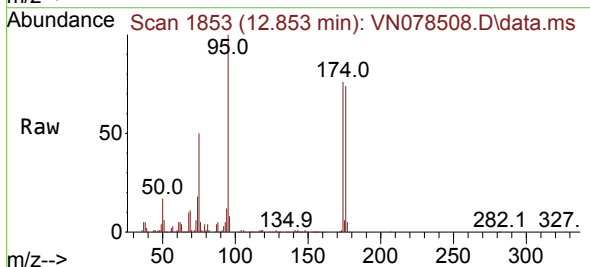
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

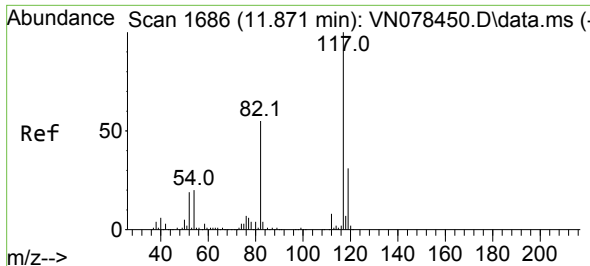
Tgt Ion:107 Resp: 297464
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.065 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 95 Resp: 346188
Ion Ratio Lower Upper
95 100
174 79.1 0.0 143.8
176 74.1 0.0 135.8

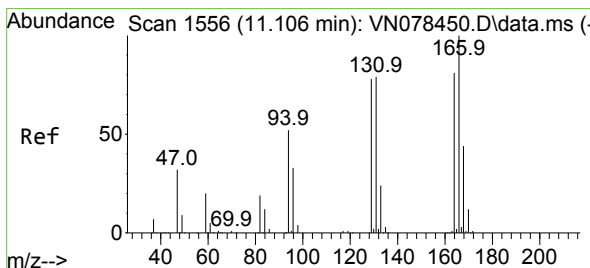
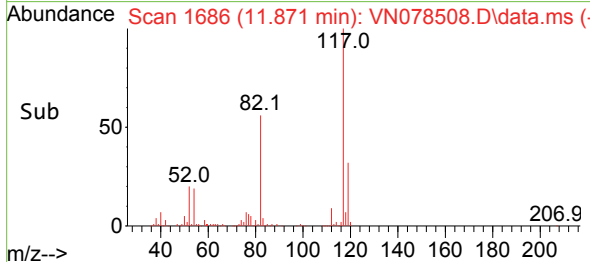
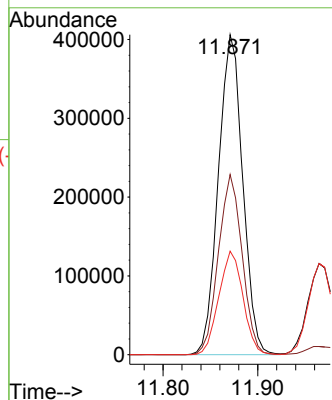
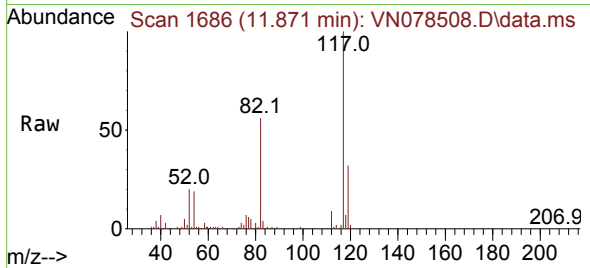




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

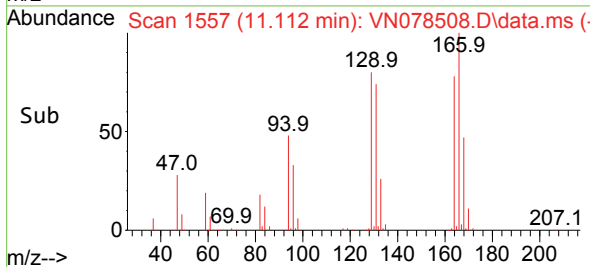
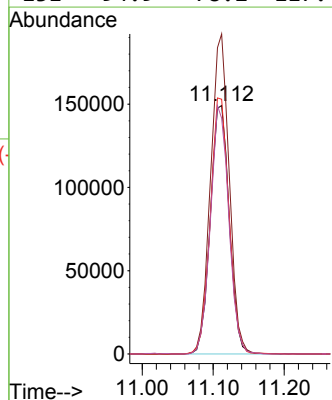
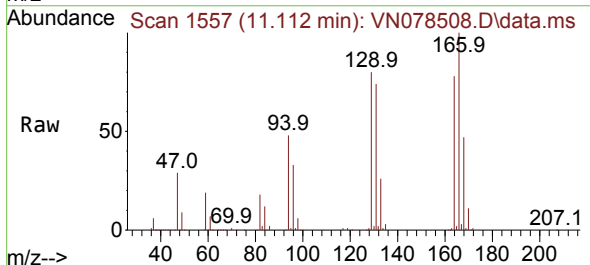
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

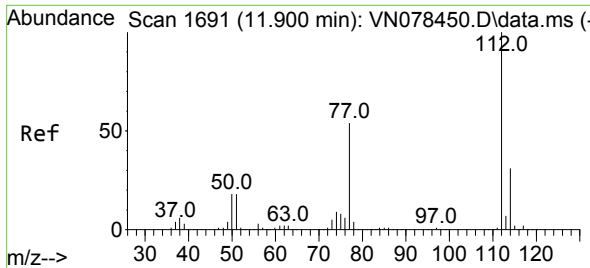
Tgt Ion:117 Resp: 725667
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 50.564 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion:164 Resp: 275866
Ion Ratio Lower Upper
164 100
166 128.8 101.4 152.0
129 102.5 82.4 123.6
131 94.9 78.2 117.4

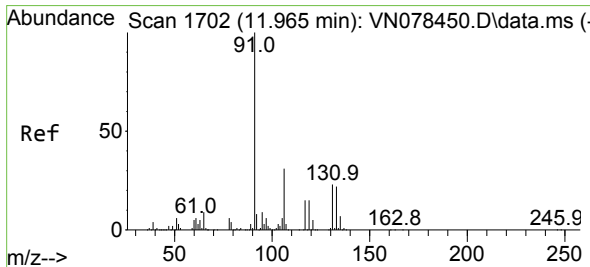
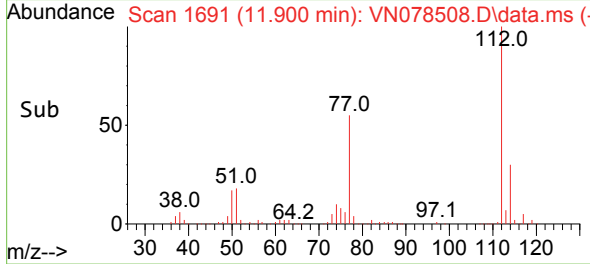
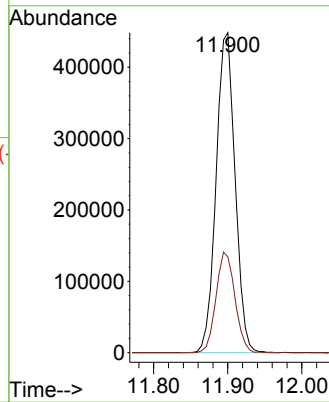
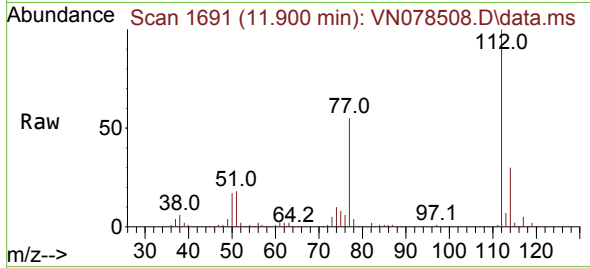




#65
Chlorobenzene
Concen: 49.139 ug/l
RT: 11.900 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

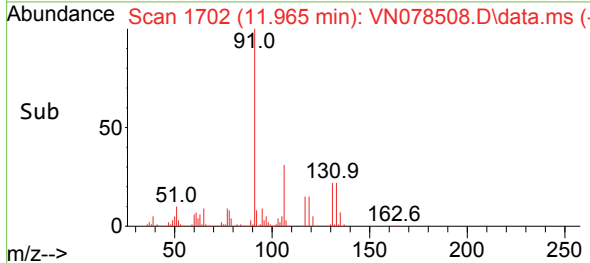
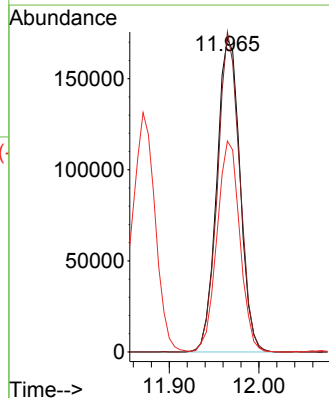
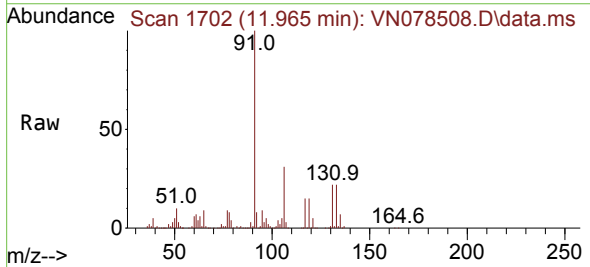
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

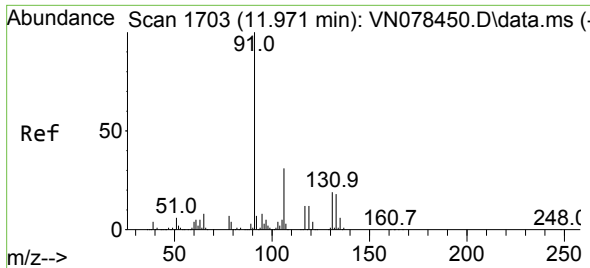
Tgt Ion:112 Resp: 797048
Ion Ratio Lower Upper
112 100
114 29.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.504 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion:131 Resp: 308901
Ion Ratio Lower Upper
131 100
133 97.5 46.4 139.1
119 66.4 34.1 102.2

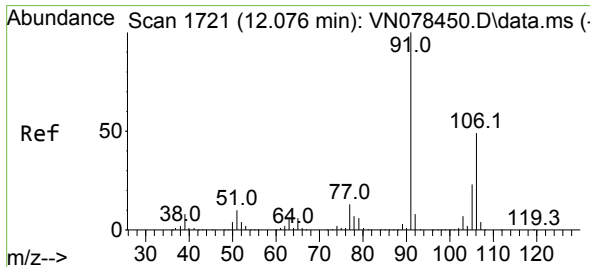
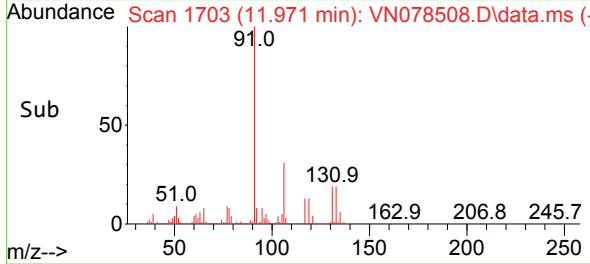
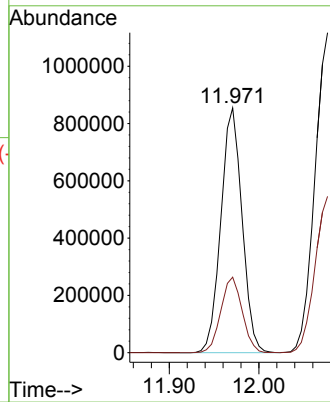
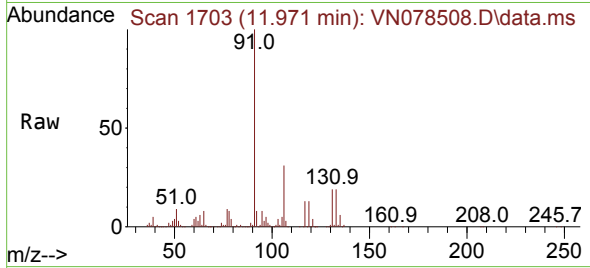




#67
Ethyl Benzene
Concen: 51.135 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

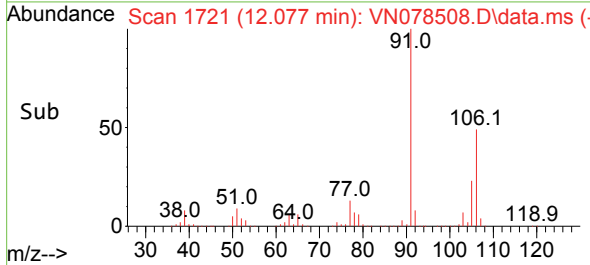
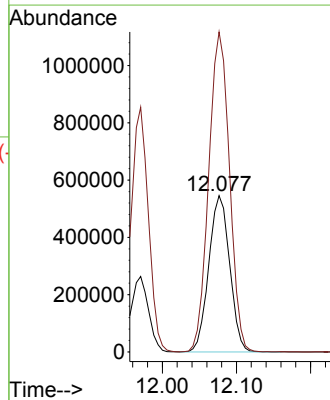
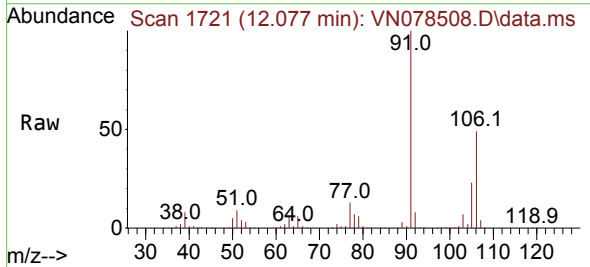
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

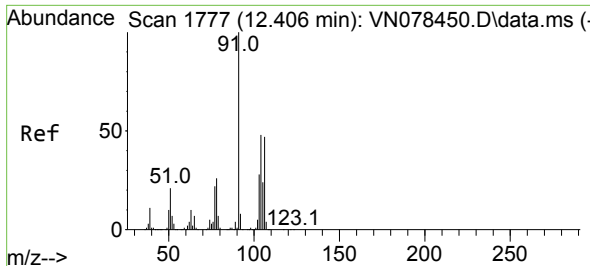
Tgt Ion: 91 Resp: 1401996
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4



#68
m/p-Xylenes
Concen: 105.519 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion:106 Resp: 1069668
Ion Ratio Lower Upper
106 100
91 203.3 159.6 239.4

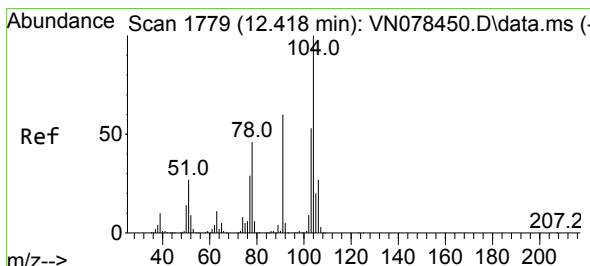
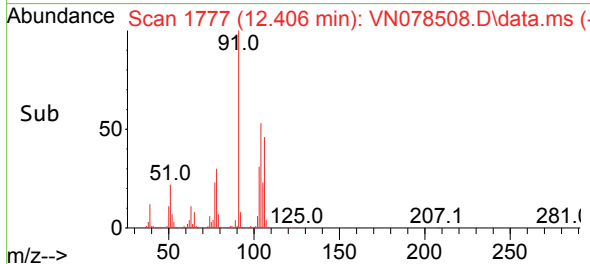
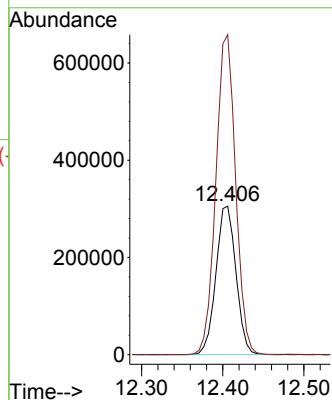
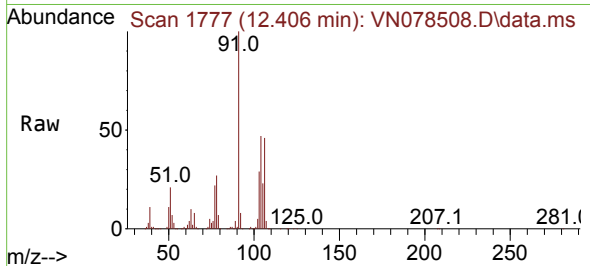




#69
o-Xylene
Concen: 51.188 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

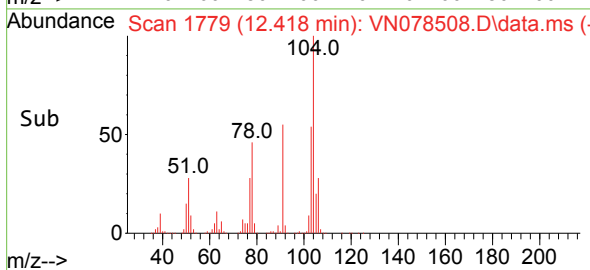
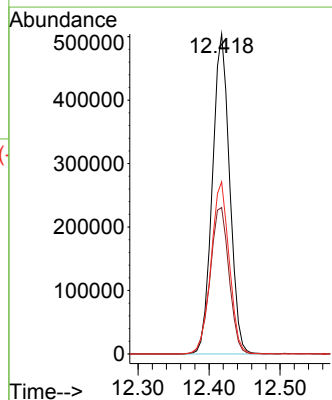
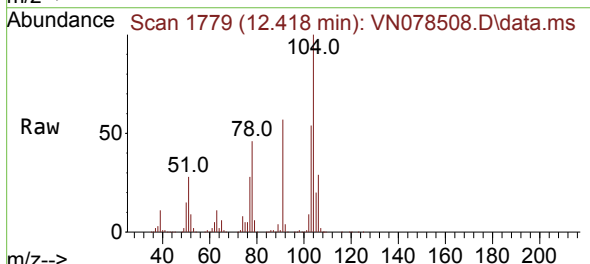
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

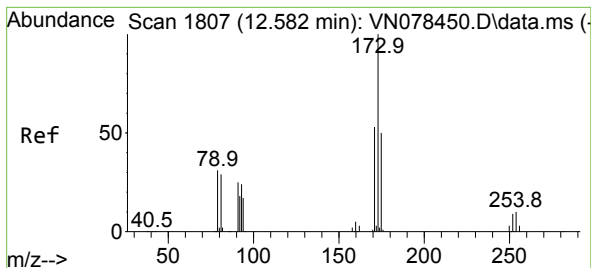
Tgt Ion:106 Resp: 524115
Ion Ratio Lower Upper
106 100
91 212.8 105.2 315.5



#70
Styrene
Concen: 53.010 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion:104 Resp: 849156
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 56.9 43.2 64.8





#71

Bromoform

Concen: 50.372 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

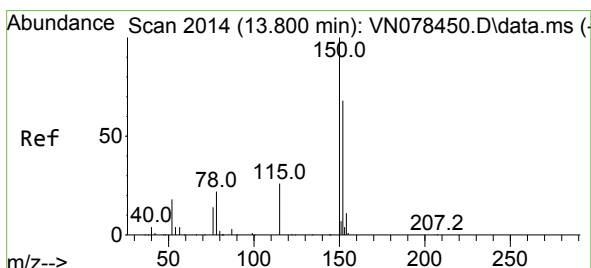
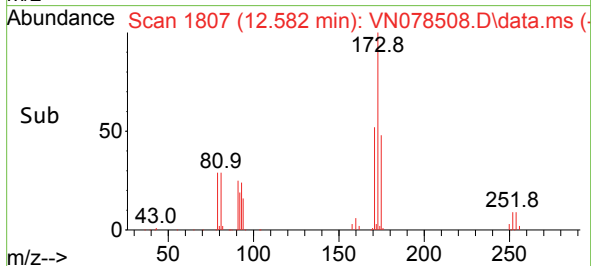
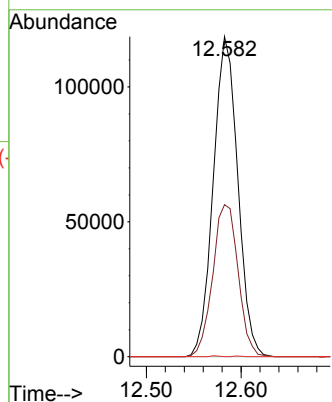
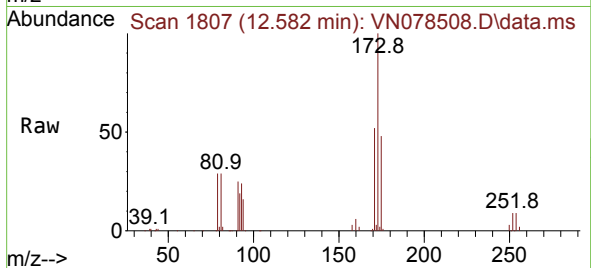
Tgt Ion:173 Resp: 212874

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

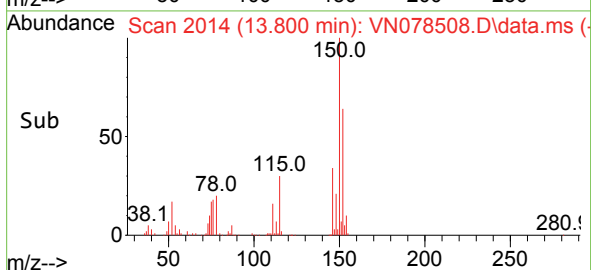
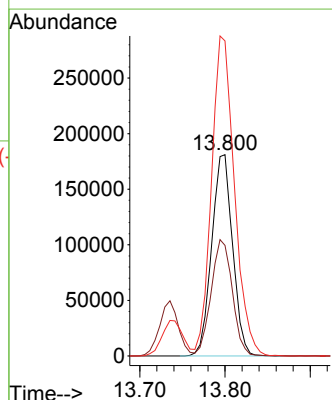
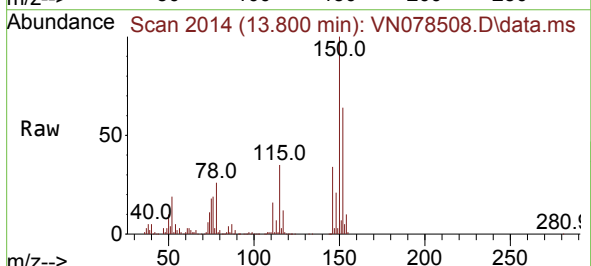
Tgt Ion:152 Resp: 308560

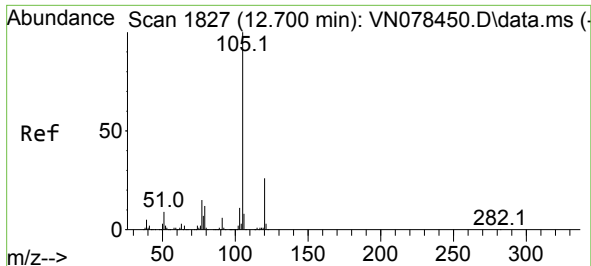
Ion Ratio Lower Upper

152 100

115 58.4 32.3 96.8

150 173.9 0.0 355.8

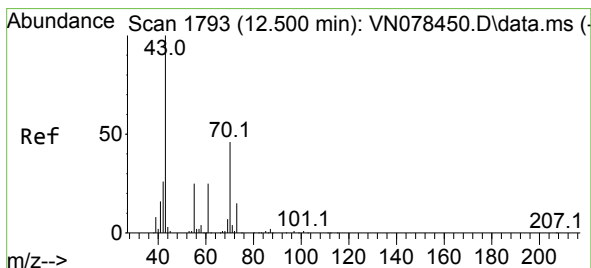
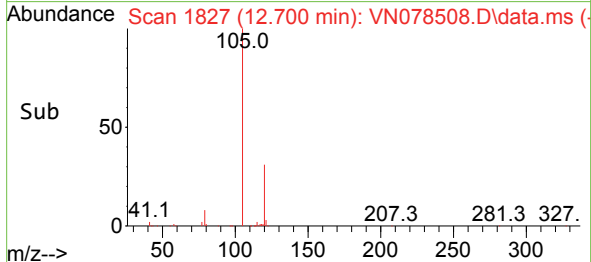
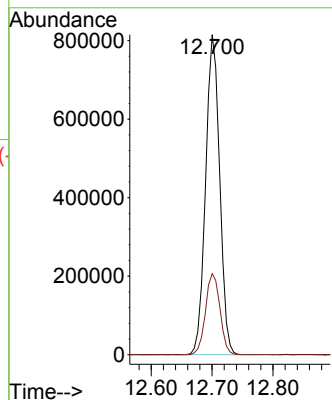
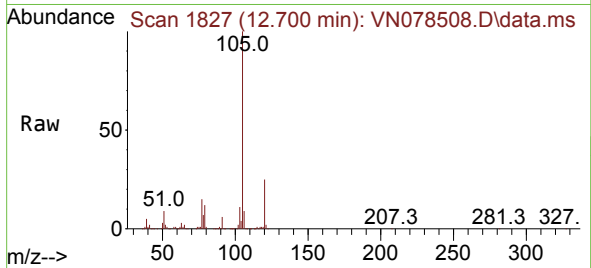




#73
Isopropylbenzene
Concen: 45.116 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

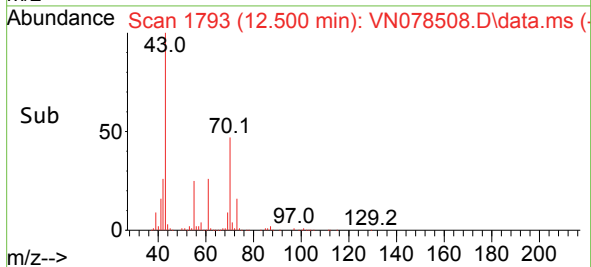
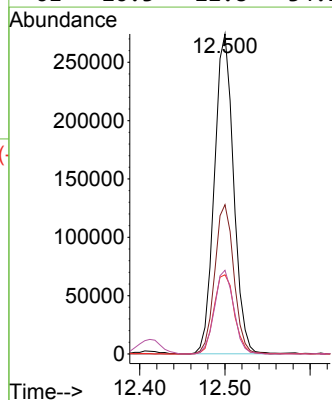
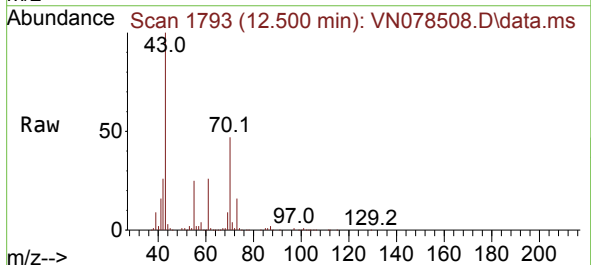
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

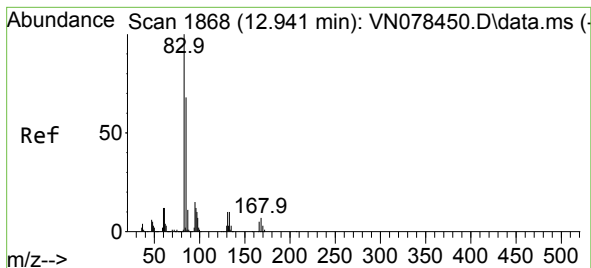
Tgt Ion:105 Resp: 1308073
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 42.924 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 43 Resp: 428884
Ion Ratio Lower Upper
43 100
70 46.5 43.4 65.2
55 26.3 21.4 32.0
61 26.3 22.8 34.2

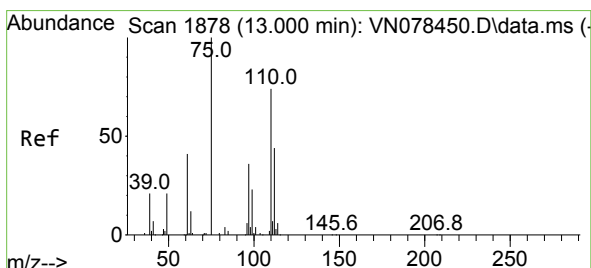
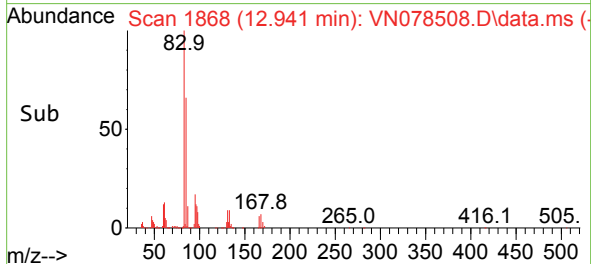
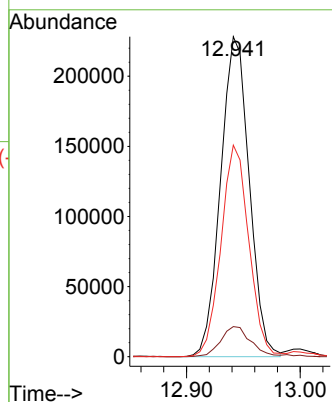
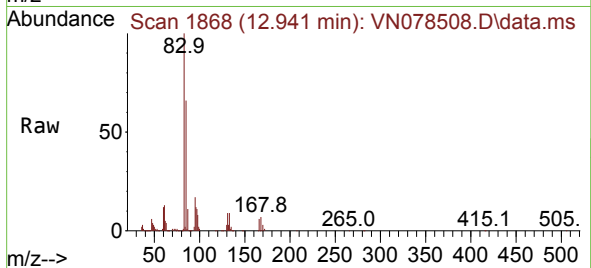




#75
1,1,2,2-Tetrachloroethane
Concen: 49.277 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

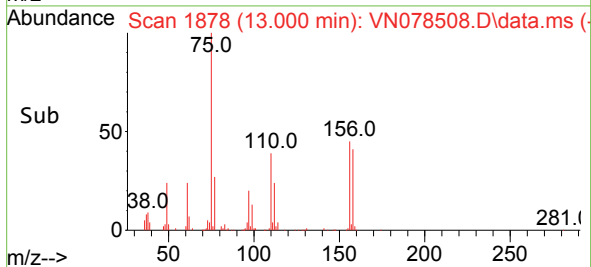
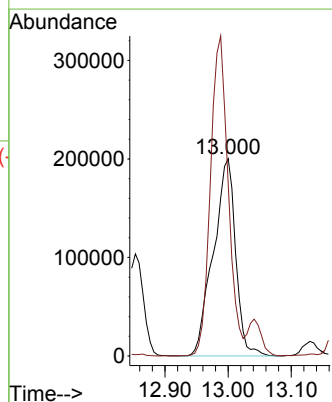
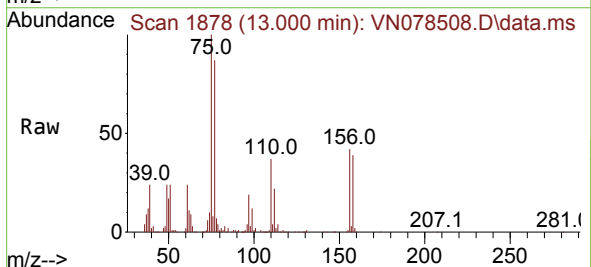
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

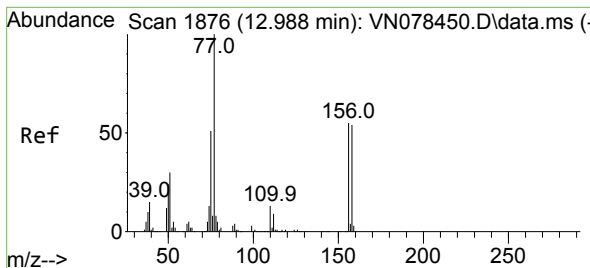
Tgt Ion: 83 Resp: 399409
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 65.827 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 75 Resp: 490959
Ion Ratio Lower Upper
75 100
77 129.0 84.5 253.5





#77

Bromobenzene

Concen: 49.930 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

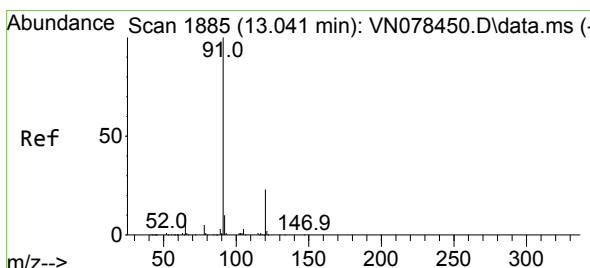
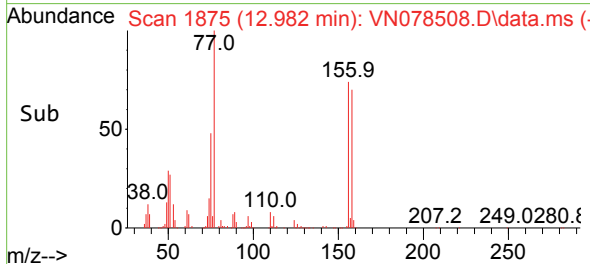
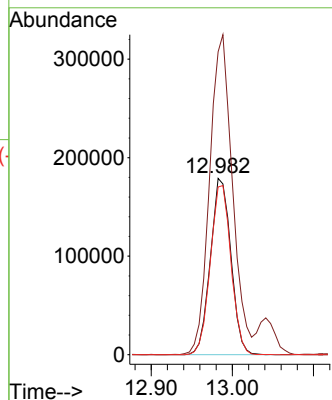
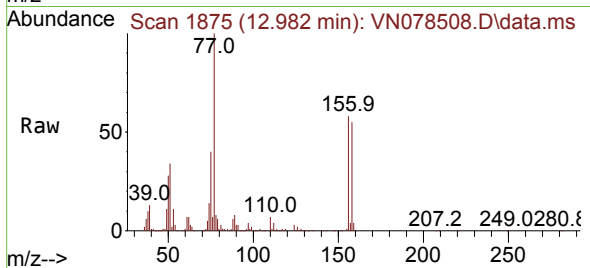
Tgt Ion:156 Resp: 314829

Ion Ratio Lower Upper

156 100

77 201.2 107.7 323.3

158 96.6 48.4 145.3



#78

n-propylbenzene

Concen: 48.036 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078508.D

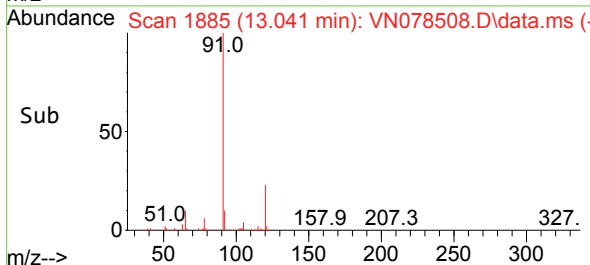
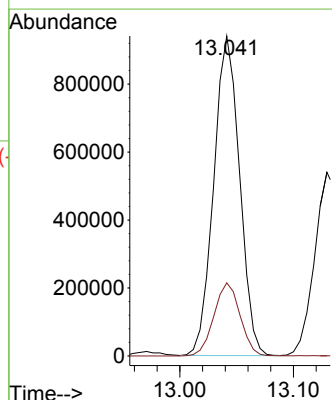
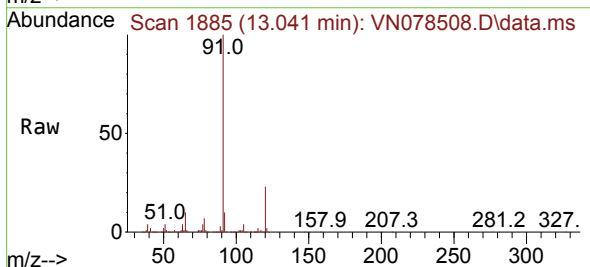
Acq: 14 Jul 2023 09:12

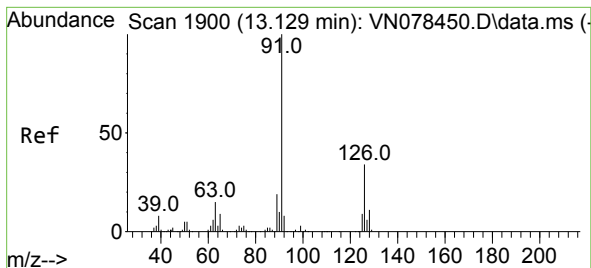
Tgt Ion: 91 Resp: 1489467

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 45.156 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

Instrument :

MSVOA_N

ClientSampleId :

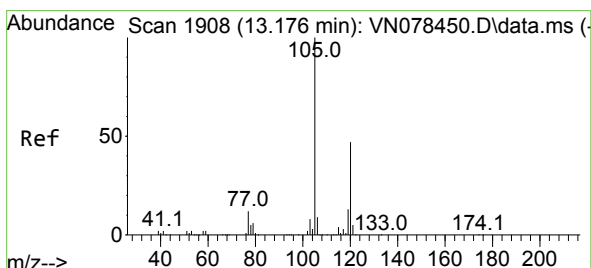
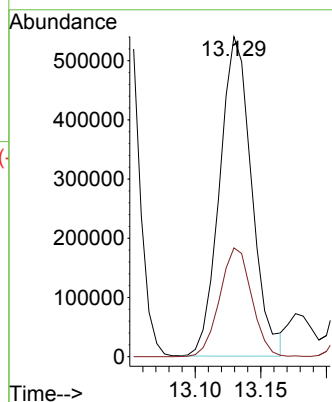
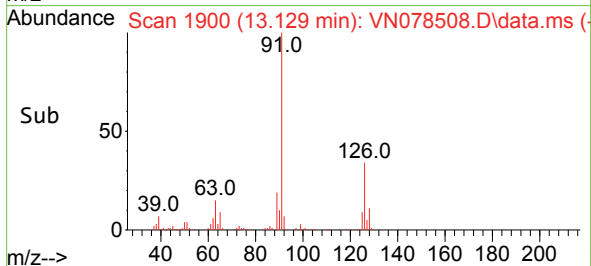
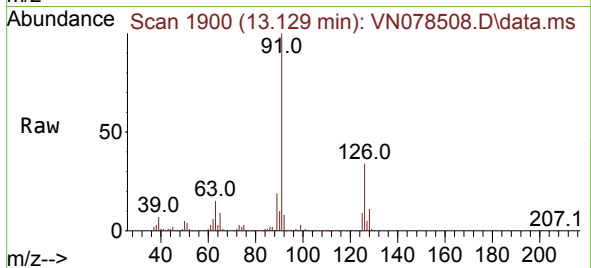
VSTDCCC050

Tgt Ion: 91 Resp: 917113

Ion Ratio Lower Upper

91 100

126 34.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 46.638 ug/l

RT: 13.177 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VN078508.D

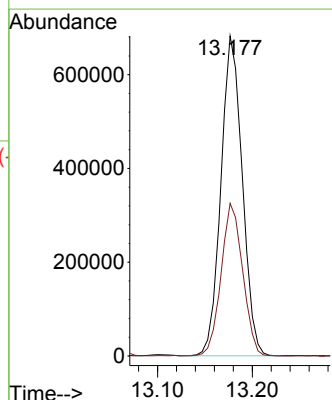
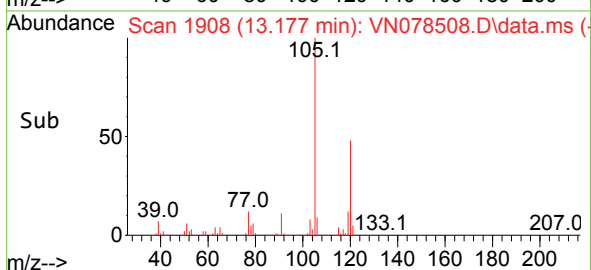
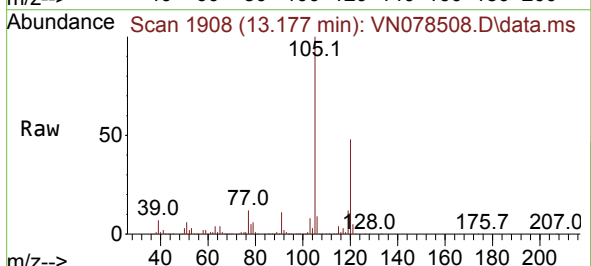
Acq: 14 Jul 2023 09:12

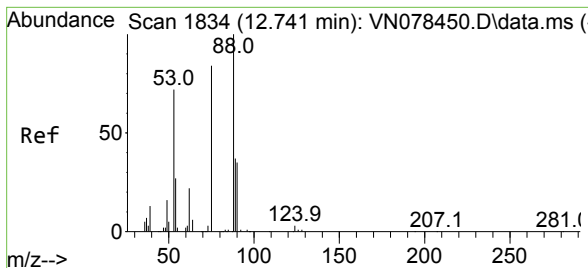
Tgt Ion:105 Resp: 1068406

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3

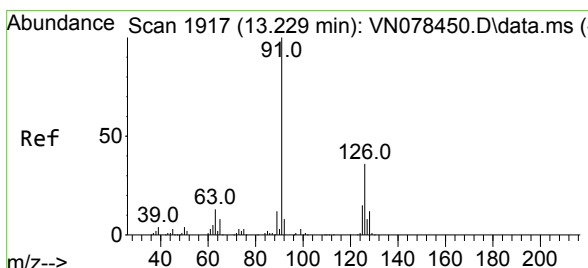
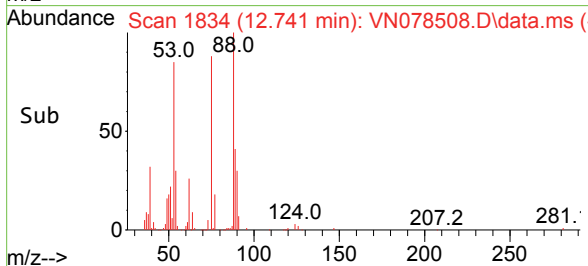
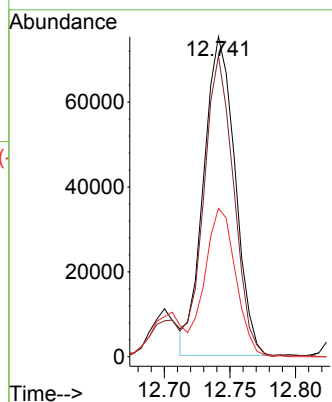
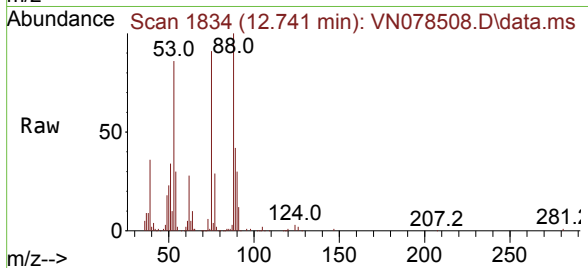




#81
trans-1,4-Dichloro-2-butene
Concen: 44.109 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

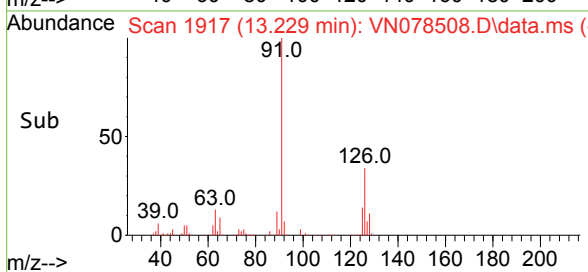
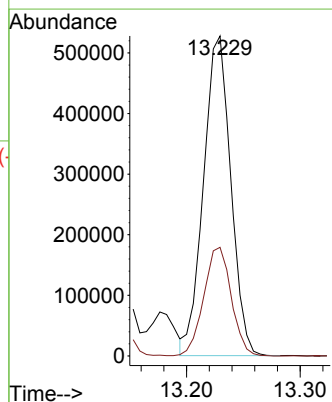
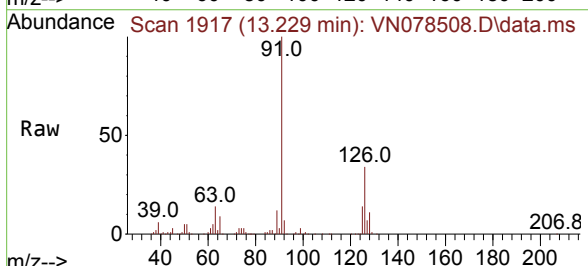
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

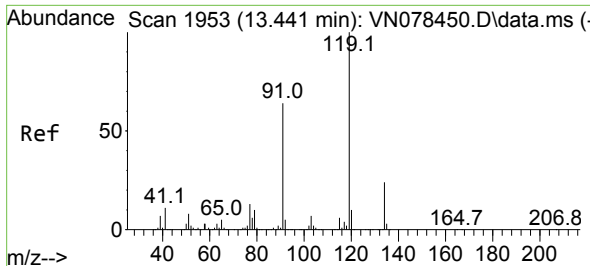
Tgt Ion: 75 Resp: 125190
Ion Ratio Lower Upper
75 100
53 90.8 67.4 101.2
89 45.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 46.390 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion: 91 Resp: 878939
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0

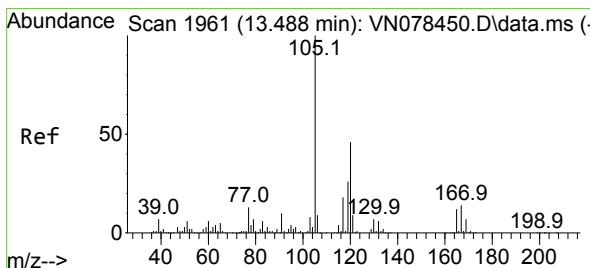
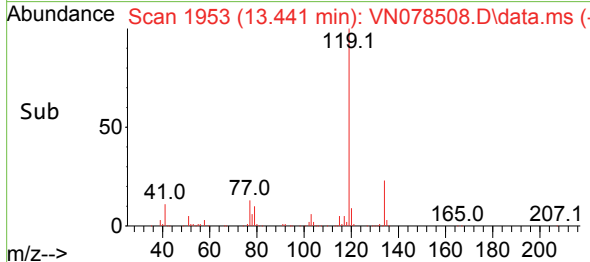
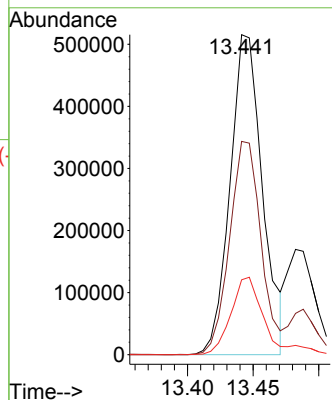
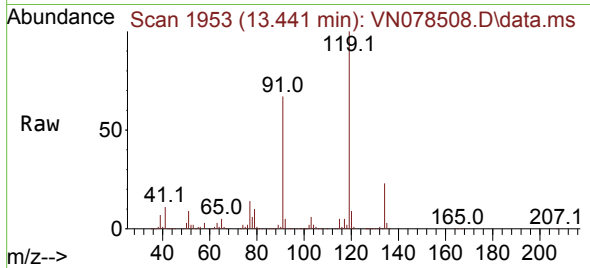




#83
tert-Butylbenzene
Concen: 45.626 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

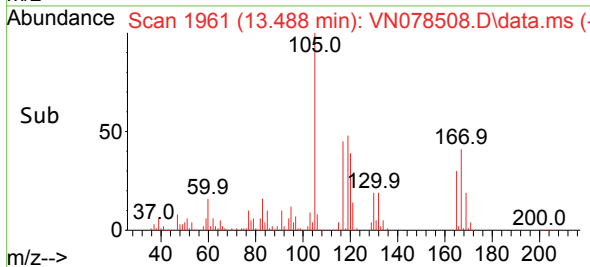
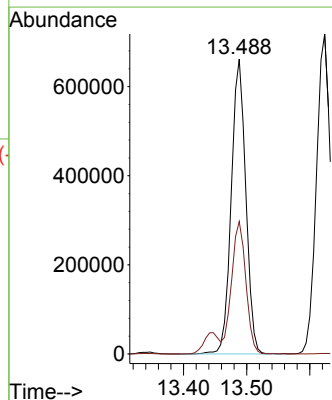
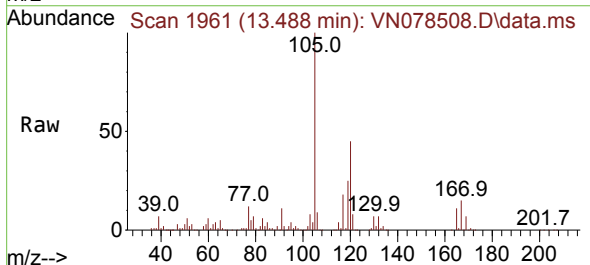
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

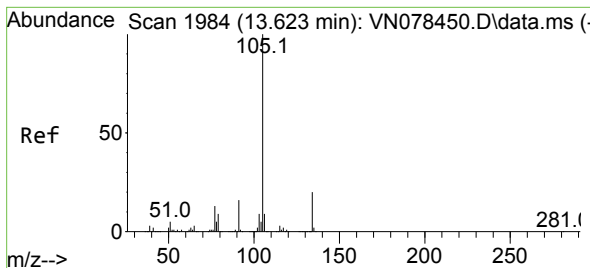
Tgt Ion:119 Resp: 887413
Ion Ratio Lower Upper
119 100
91 64.8 33.9 101.7
134 25.2 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 47.477 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078508.D
Acq: 14 Jul 2023 09:12

Tgt Ion:105 Resp: 1056446
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 46.440 ug/l

RT: 13.624 min Scan# 1984

Delta R.T. 0.001 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

Instrument :

MSVOA_N

ClientSampleId :

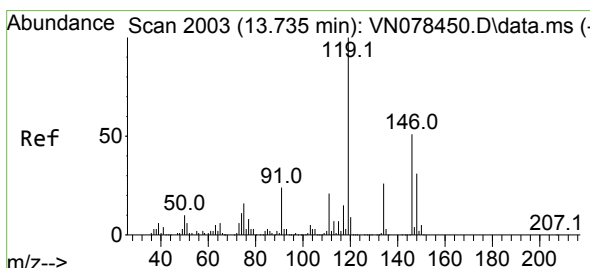
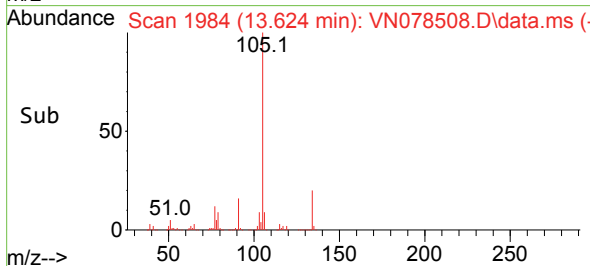
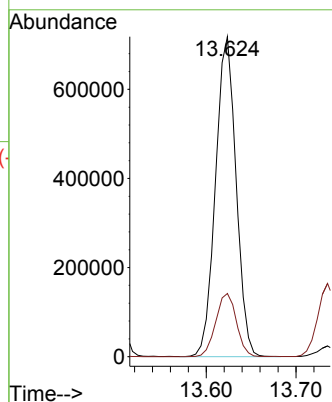
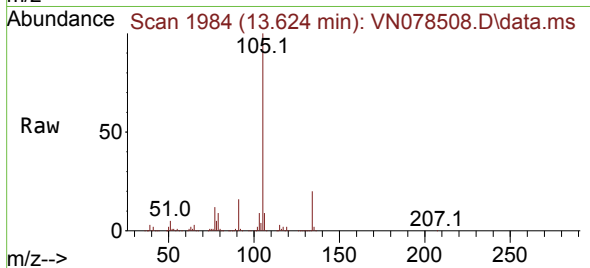
VSTDCCC050

Tgt Ion:105 Resp: 1141692

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 47.428 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

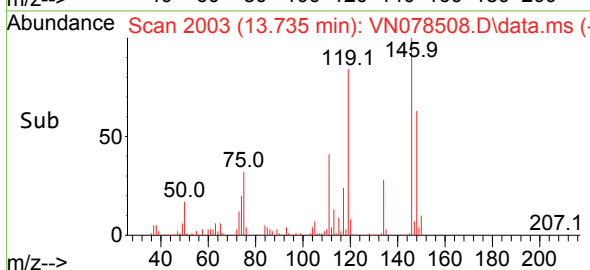
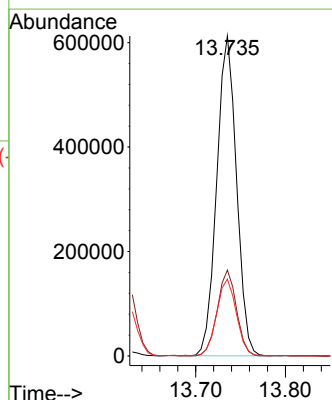
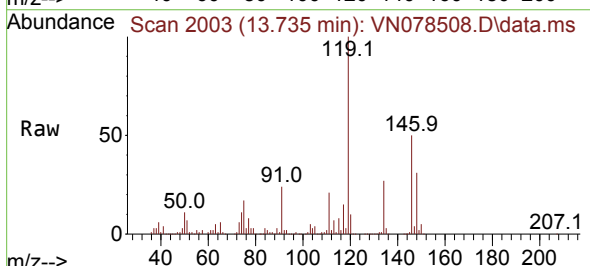
Tgt Ion:119 Resp: 936237

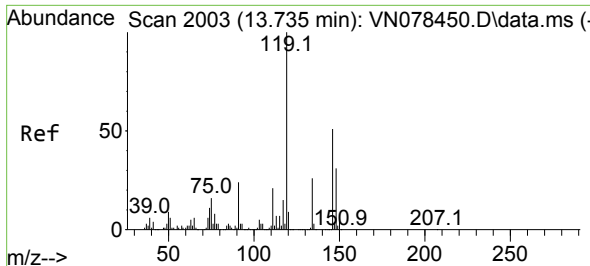
Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.8

91 23.9 12.4 37.2

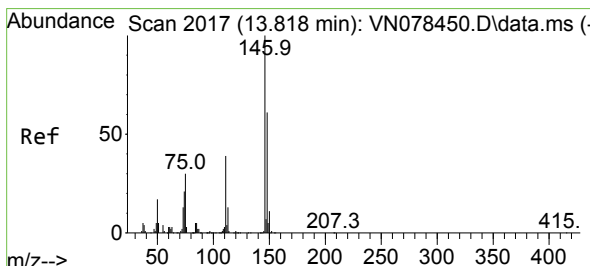
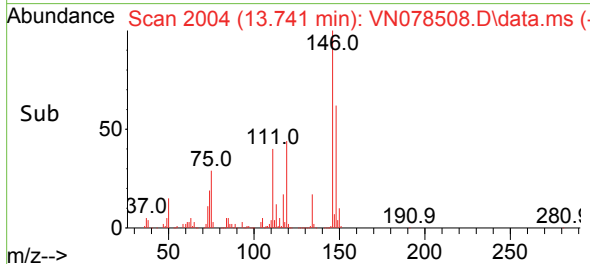
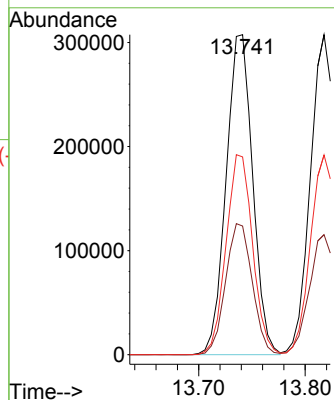
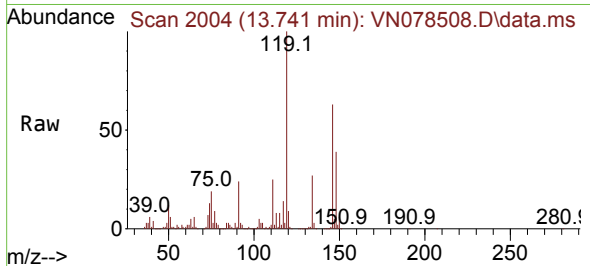




#87
 1,3-Dichlorobenzene
 Concen: 47.911 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.006 min
 Lab File: VN078508.D
 Acq: 14 Jul 2023 09:12

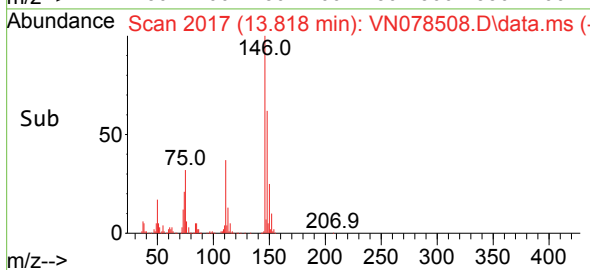
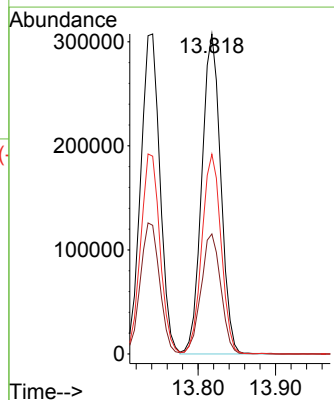
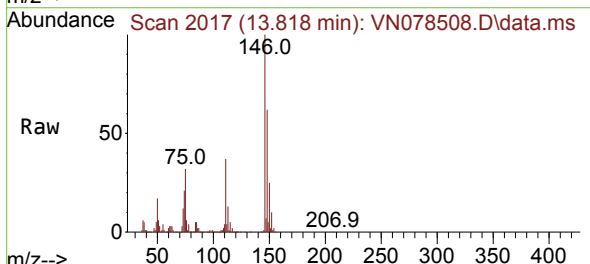
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

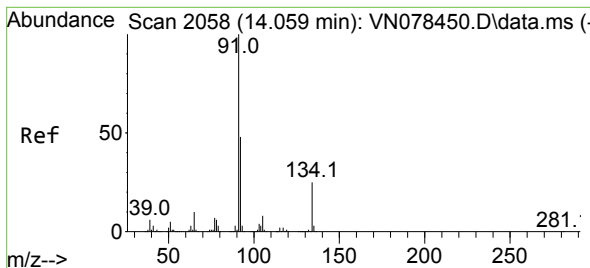
Tgt Ion:146 Resp: 533278
 Ion Ratio Lower Upper
 146 100
 111 41.1 22.1 66.3
 148 62.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 46.545 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078508.D
 Acq: 14 Jul 2023 09:12

Tgt Ion:146 Resp: 521825
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.6 61.8
 148 63.1 31.6 94.8





#89

n-Butylbenzene

Concen: 50.141 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

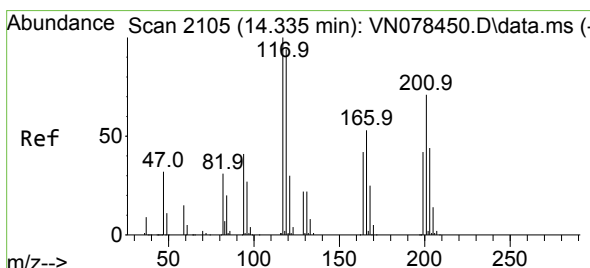
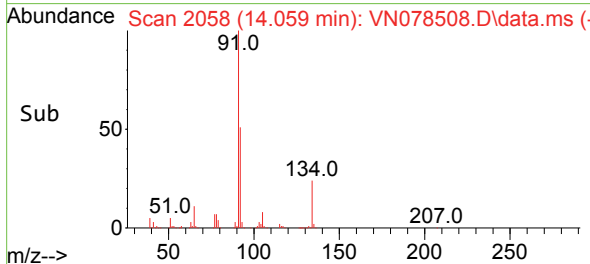
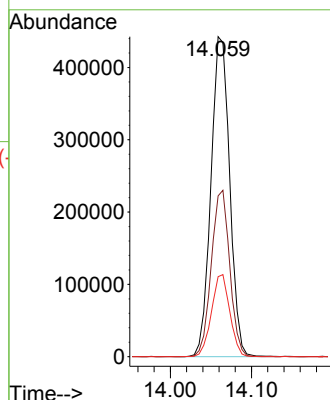
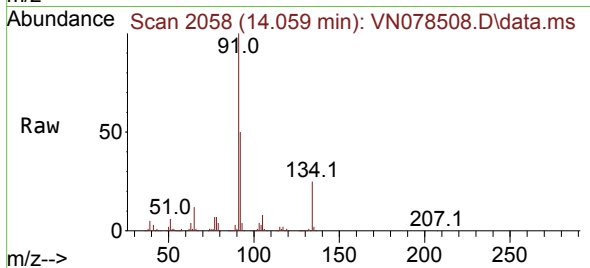
Tgt Ion: 91 Resp: 708203

Ion Ratio Lower Upper

91 100

92 51.2 26.4 79.0

134 25.2 12.6 37.6



#90

Hexachloroethane

Concen: 50.521 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078508.D

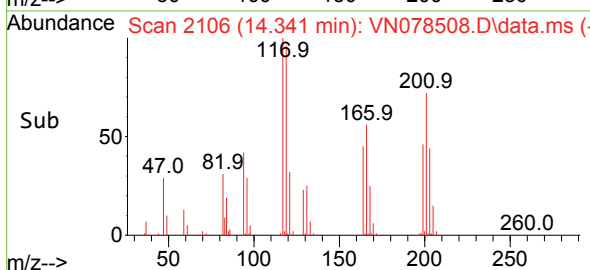
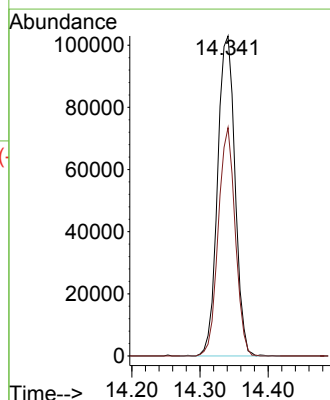
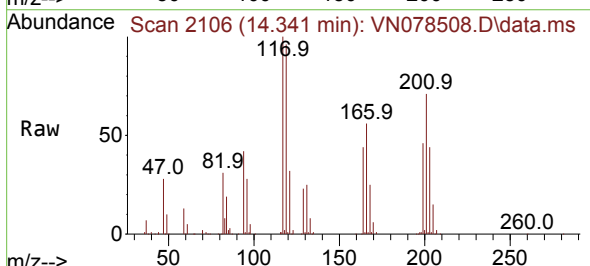
Acq: 14 Jul 2023 09:12

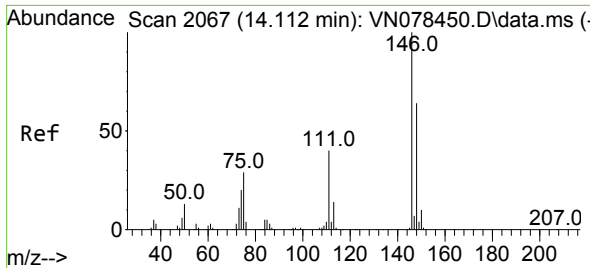
Tgt Ion: 117 Resp: 183271

Ion Ratio Lower Upper

117 100

201 69.3 29.3 88.0

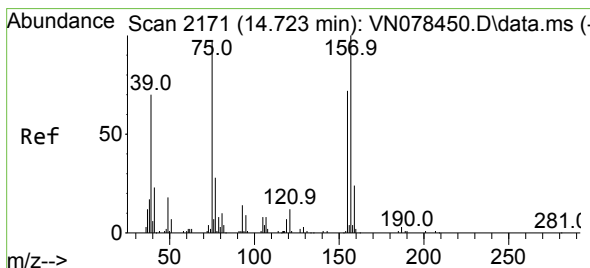
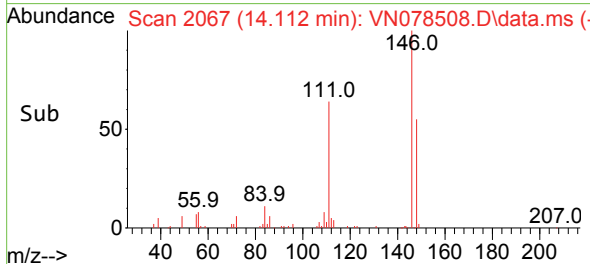
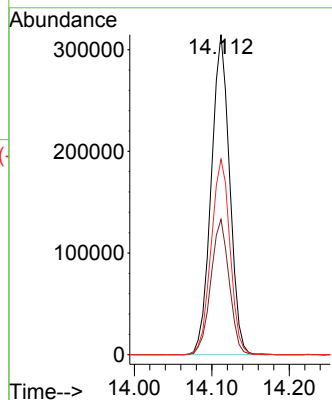
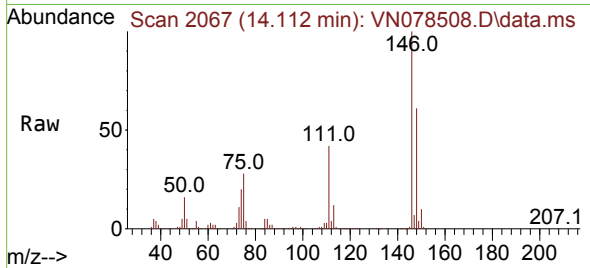




#91
 1,2-Dichlorobenzene
 Concen: 46.869 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078508.D
 Acq: 14 Jul 2023 09:12

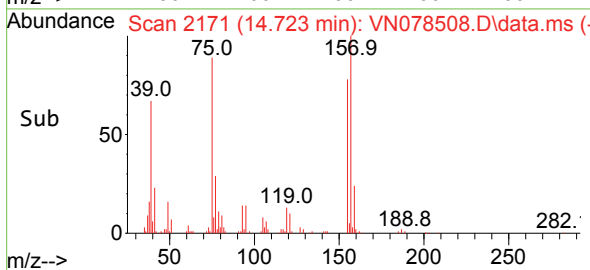
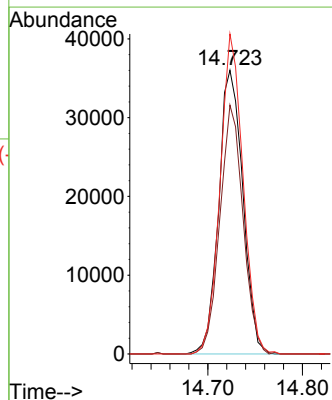
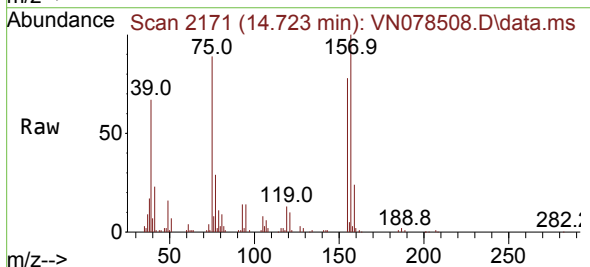
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 ClientSampleId :
 VSTDCCC050

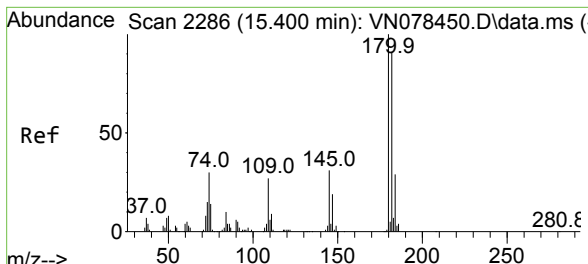
Tgt Ion:146 Resp: 519161
 Ion Ratio Lower Upper
 146 100
 111 42.1 22.0 66.0
 148 62.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.767 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078508.D
 Acq: 14 Jul 2023 09:12

Tgt Ion: 75 Resp: 63751
 Ion Ratio Lower Upper
 75 100
 155 84.3 39.1 117.2
 157 107.3 50.3 150.9

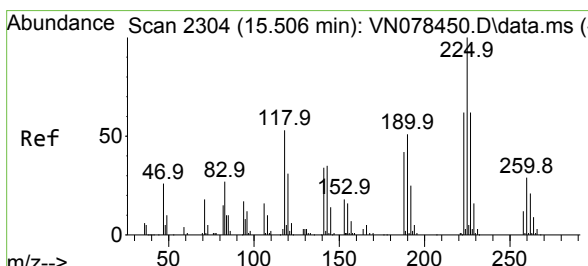
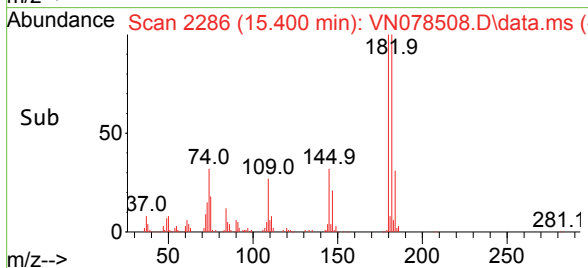
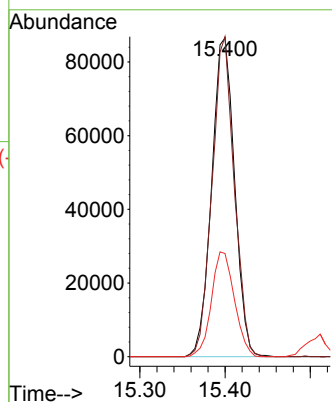
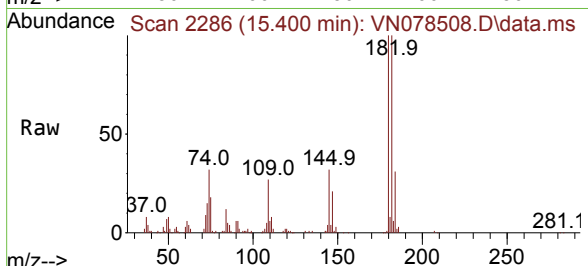




#93
 1,2,4-Trichlorobenzene
 Concen: 45.620 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078508.D
 Acq: 14 Jul 2023 09:12

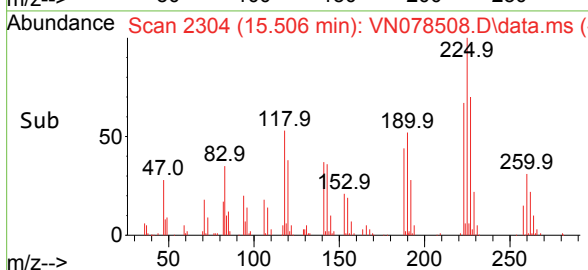
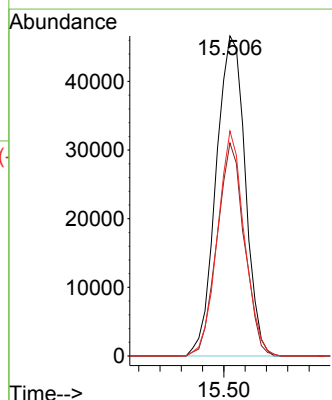
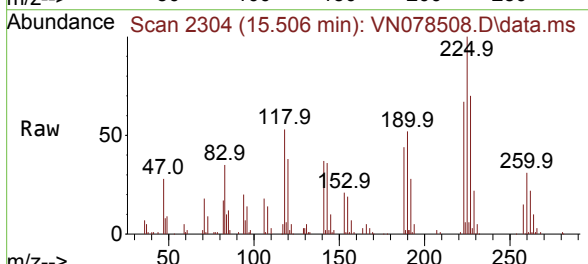
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

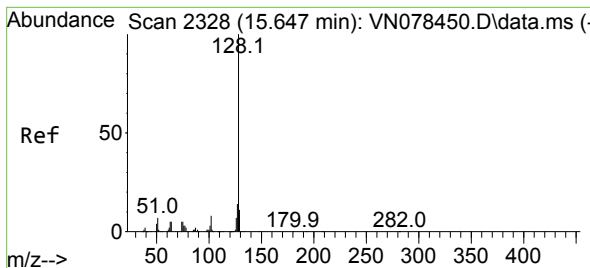
Tgt Ion:180 Resp: 161276
 Ion Ratio Lower Upper
 180 100
 182 97.0 46.1 138.2
 145 33.0 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 48.178 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078508.D
 Acq: 14 Jul 2023 09:12

Tgt Ion:225 Resp: 88385
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.8
 227 65.0 31.9 95.9





#95

Naphthalene

Concen: 40.506 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

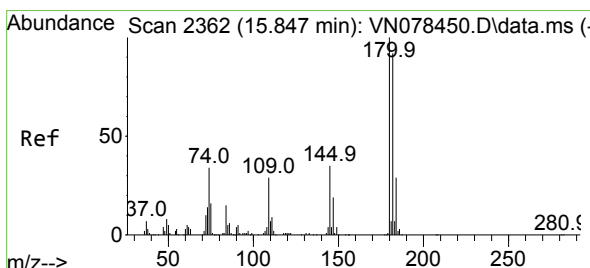
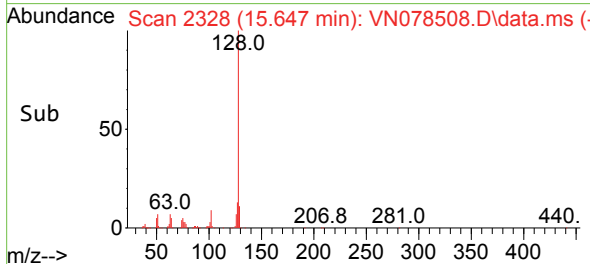
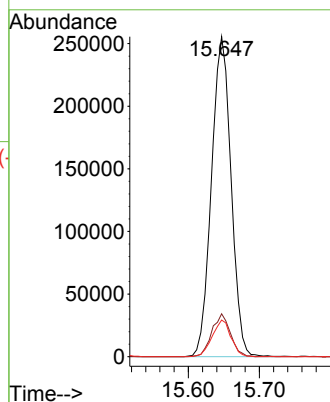
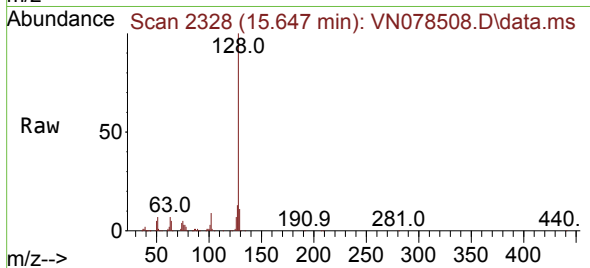
Tgt Ion:128 Resp: 489537

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 43.368 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078508.D

Acq: 14 Jul 2023 09:12

Tgt Ion:180 Resp: 176290

Ion Ratio Lower Upper

180 100

182 98.3 46.2 138.6

145 34.7 17.5 52.6

