

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078791.D
 Acq On : 08 Aug 2023 10:05
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 09 02:46:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	176131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	280516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117216	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133167	50.433	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.860%	
35) Dibromofluoromethane	8.177	113	106602	49.786	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.580%	
50) Toluene-d8	10.571	98	415815	52.771	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.540%	
62) 4-Bromofluorobenzene	12.853	95	131263	55.741	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	113653	43.725	ug/l	95
3) Chloromethane	2.371	50	130651	43.091	ug/l	96
4) Vinyl Chloride	2.524	62	125466	43.826	ug/l	92
5) Bromomethane	2.954	94	84100	41.479	ug/l	100
6) Chloroethane	3.124	64	80619	42.828	ug/l	93
7) Trichlorofluoromethane	3.506	101	172074	43.758	ug/l	99
8) Diethyl Ether	3.971	74	63409	44.191	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.377	101	95944	46.841	ug/l	98
10) Methyl Iodide	4.600	142	124344	47.276	ug/l	98
11) Tert butyl alcohol	5.536	59	91301	197.019	ug/l	99
12) 1,1-Dichloroethene	4.353	96	88595	43.040	ug/l #	79
13) Acrolein	4.189	56	96089	245.066	ug/l	97
14) Allyl chloride	5.036	41	159188	46.446	ug/l #	87
15) Acrylonitrile	5.730	53	269089	222.974	ug/l	99
16) Acetone	4.436	43	249590	245.673	ug/l	93
17) Carbon Disulfide	4.724	76	255722	43.550	ug/l	100
18) Methyl Acetate	5.030	43	197362	43.253	ug/l #	82
19) Methyl tert-butyl Ether	5.806	73	327529	47.103	ug/l	97
20) Methylene Chloride	5.283	84	110474	43.906	ug/l #	74
21) trans-1,2-Dichloroethene	5.795	96	101610	44.111	ug/l #	74
22) Diisopropyl ether	6.683	45	385295	46.793	ug/l #	90
23) Vinyl Acetate	6.612	43	1230345	238.106	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	200983	44.887	ug/l	97
25) 2-Butanone	7.494	43	387575	225.285	ug/l #	79
26) 2,2-Dichloropropane	7.500	77	168547	53.904	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	124123	46.933	ug/l	90
28) Bromochloromethane	7.818	49	123719	50.992	ug/l #	71
29) Tetrahydrofuran	7.841	42	258018	224.121	ug/l #	70
30) Chloroform	7.971	83	200594	44.483	ug/l	95
31) Cyclohexane	8.265	56	178865	46.103	ug/l	84
32) 1,1,1-Trichloroethane	8.177	97	179688	46.879	ug/l	94
36) 1,1-Dichloropropene	8.377	75	156555	47.129	ug/l	94
37) Ethyl Acetate	7.571	43	165604	46.888	ug/l #	88
38) Carbon Tetrachloride	8.371	117	150916	44.070	ug/l	88
39) Methylcyclohexane	9.606	83	143877	46.371	ug/l	90
40) Benzene	8.612	78	455484	45.333	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	82247	41.882	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	159564	44.184	ug/l	98
43) Isopropyl Acetate	8.694	43	266431	44.743	ug/l #	89
44) Trichloroethene	9.359	130	110529	44.917	ug/l	99
45) 1,2-Dichloropropane	9.630	63	119562	44.390	ug/l	93
46) Dibromomethane	9.712	93	82468	46.003	ug/l	97
47) Bromodichloromethane	9.894	83	167008	46.806	ug/l	98
48) Methyl methacrylate	9.688	41	121389	44.119	ug/l #	82
49) 1,4-Dioxane	9.700	88	39107	875.300	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	812269	222.699	ug/l #	85
52) Toluene	10.635	92	282502	46.039	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	177894	48.795	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	191638	48.383	ug/l #	89
55) 1,1,2-Trichloroethane	11.024	97	112031	45.931	ug/l	98
56) Ethyl methacrylate	10.882	69	167433	47.338	ug/l #	73
57) 1,3-Dichloropropane	11.171	76	192037	45.286	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	312940	246.449	ug/l	92
59) 2-Hexanone	11.200	43	584977	226.502	ug/l	83
60) Dibromochloromethane	11.365	129	121398	47.422	ug/l	100
61) 1,2-Dibromoethane	11.471	107	107420	44.465	ug/l	100
64) Tetrachloroethene	11.106	164	98609	45.623	ug/l	93
65) Chlorobenzene	11.894	112	289219	45.273	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	113001	45.671	ug/l	97
67) Ethyl Benzene	11.971	91	526158	46.240	ug/l	99
68) m/p-Xylenes	12.076	106	405766	96.656	ug/l	100
69) o-Xylene	12.400	106	191633	46.503	ug/l	95
70) Styrene	12.418	104	320367	49.535	ug/l	99
71) Bromoform	12.582	173	77877	45.126	ug/l #	99
73) Isopropylbenzene	12.700	105	488773	42.368	ug/l	100
74) N-amyl acetate	12.500	43	213886	40.871	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	157182	40.092	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	189962	59.941	ug/l	70
77) Bromobenzene	12.982	156	114284	42.220	ug/l	98
78) n-propylbenzene	13.041	91	555507	43.811	ug/l	98
79) 2-Chlorotoluene	13.129	91	333618	40.954	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	393114	42.537	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	56777	48.074	ug/l	84
82) 4-Chlorotoluene	13.229	91	321279	43.112	ug/l	98
83) tert-Butylbenzene	13.441	119	316773	41.155	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	393060	44.255	ug/l	100
85) sec-Butylbenzene	13.623	105	438051	43.524	ug/l	99
86) p-Isopropyltoluene	13.735	119	350952	43.854	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	192837	44.605	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	189383	44.191	ug/l	100
89) n-Butylbenzene	14.059	91	272015	45.301	ug/l	98
90) Hexachloroethane	14.335	117	69652	41.993	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	186454	44.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24473	40.695	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	59172	50.566	ug/l	98
94) Hexachlorobutadiene	15.506	225	35071	48.758	ug/l	97
95) Naphthalene	15.647	128	176034	45.068	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	61913	44.432	ug/l	95

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MSVOA_N
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VSTDCCC050

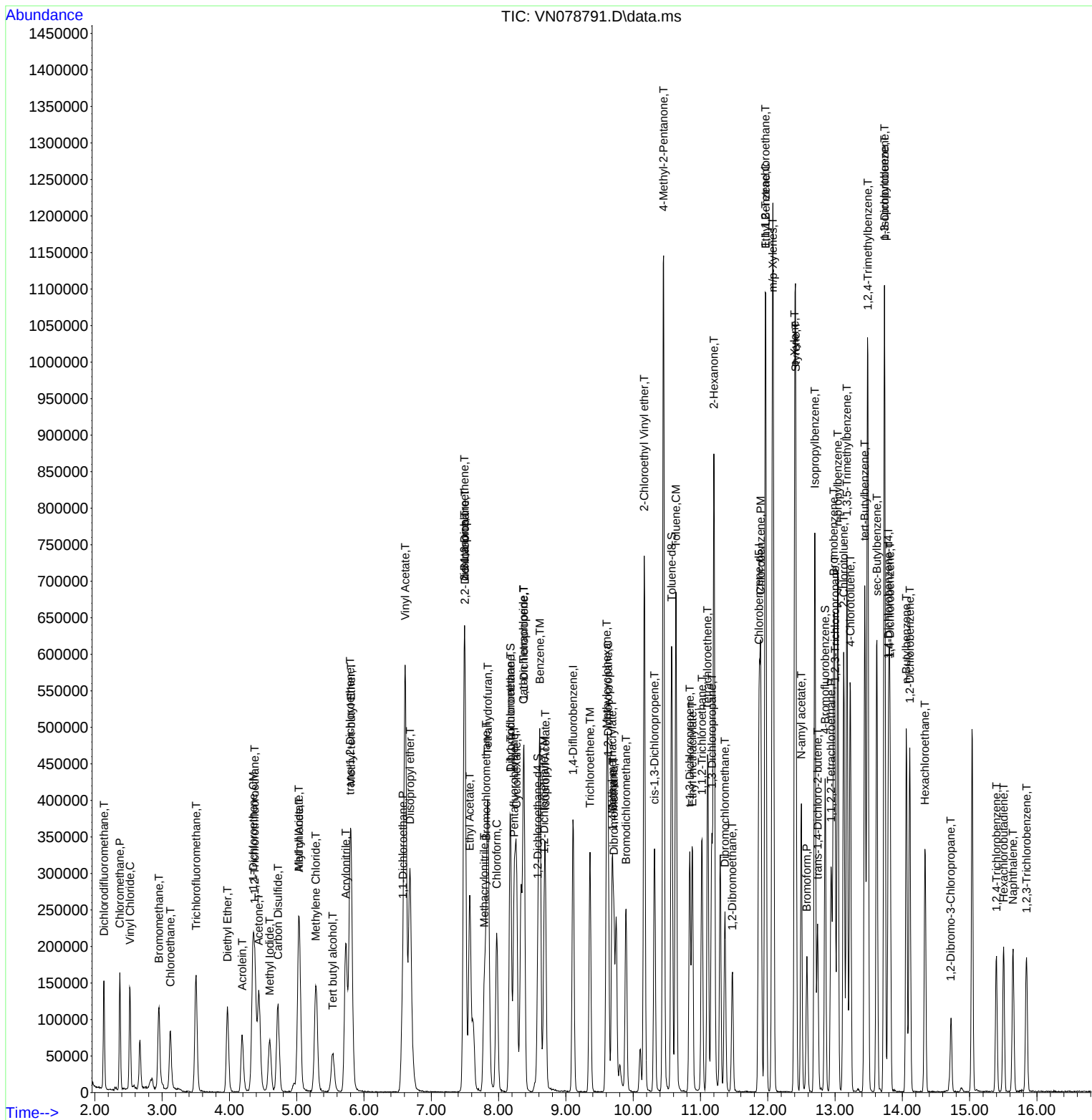
Quant Time: Aug 09 02:46:45 2023
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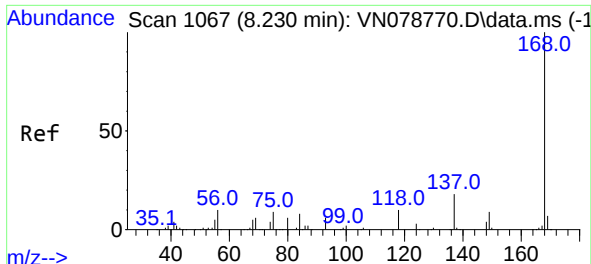
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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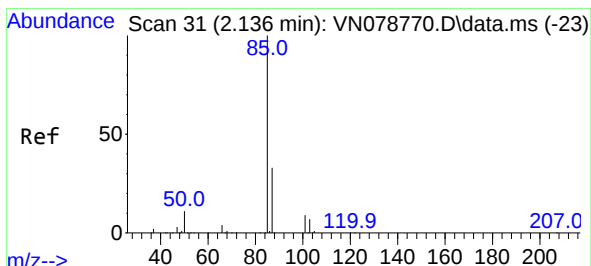
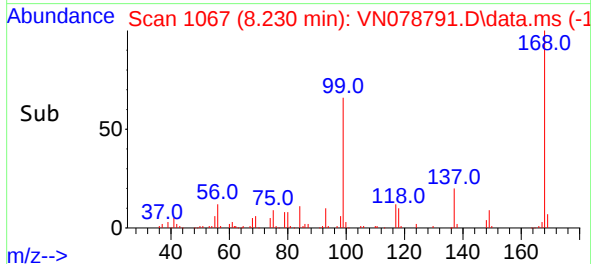
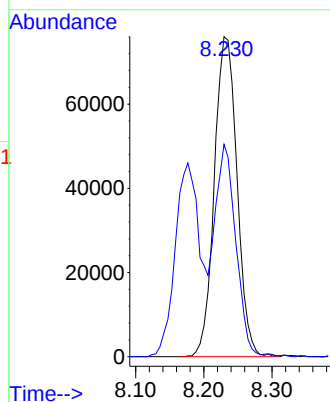
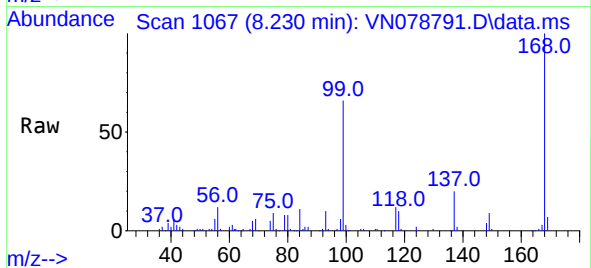




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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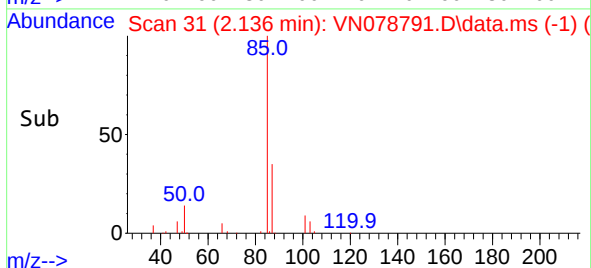
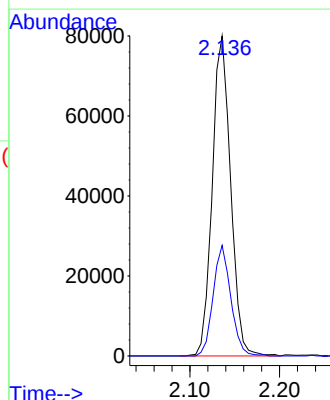
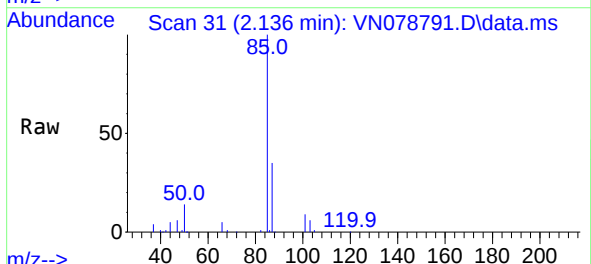
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 176131
Ion Ratio Lower Upper
168 100
99 66.0 53.0 79.6

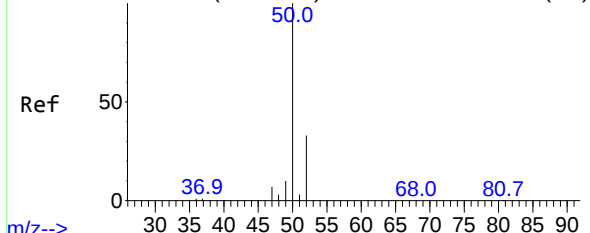


#2
Dichlorodifluoromethane
Concen: 43.725 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

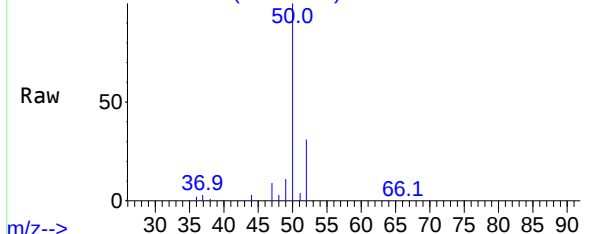
Tgt Ion: 85 Resp: 113653
Ion Ratio Lower Upper
85 100
87 34.6 15.8 47.4



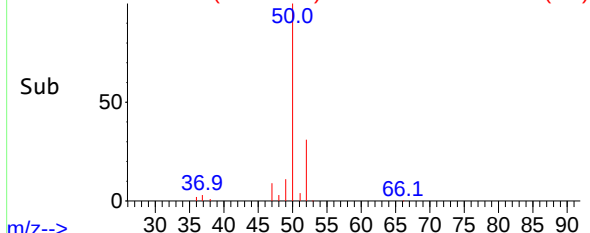
Abundance Scan 71 (2.371 min): VN078770.D\data.ms (-64)



Abundance Scan 71 (2.371 min): VN078791.D\data.ms



Abundance Scan 71 (2.371 min): VN078791.D\data.ms (-20)



#3

Chloromethane

Concen: 43.091 ug/l

RT: 2.371 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN078791.D

Acq: 08 Aug 2023 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

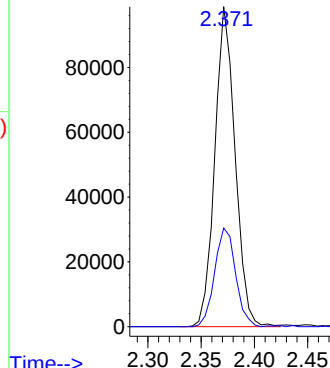
Tgt Ion: 50 Resp: 130651

Ion Ratio Lower Upper

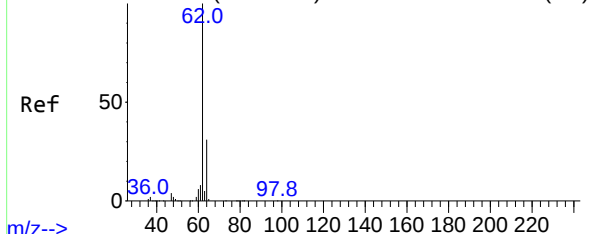
50 100

52 30.8 26.5 39.7

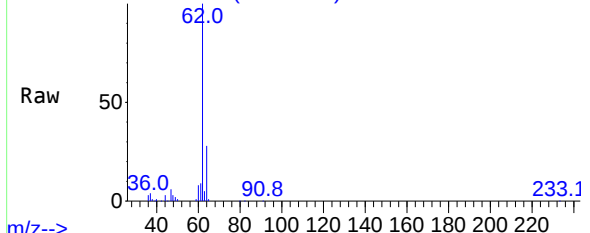
Abundance



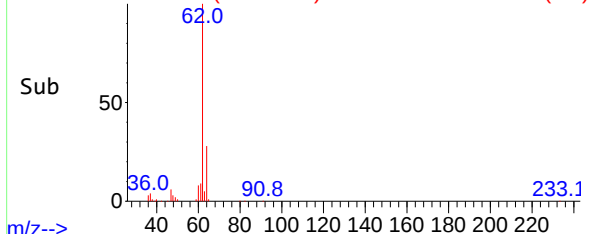
Abundance Scan 96 (2.518 min): VN078770.D\data.ms (-88)



Abundance Scan 97 (2.524 min): VN078791.D\data.ms



Abundance Scan 97 (2.524 min): VN078791.D\data.ms (-45)



#4

Vinyl Chloride

Concen: 43.826 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078791.D

Acq: 08 Aug 2023 10:05

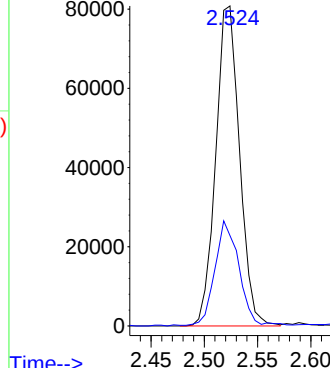
Tgt Ion: 62 Resp: 125466

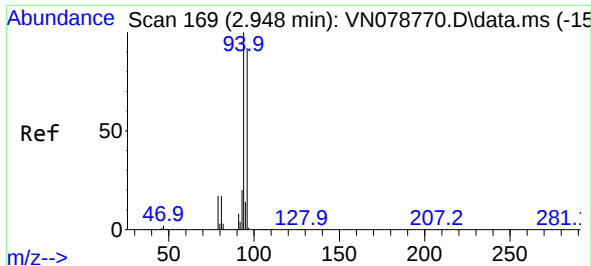
Ion Ratio Lower Upper

62 100

64 28.0 26.2 39.2

Abundance

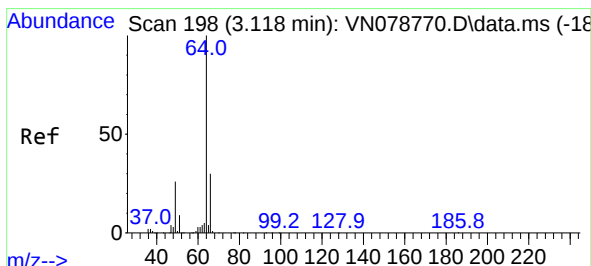
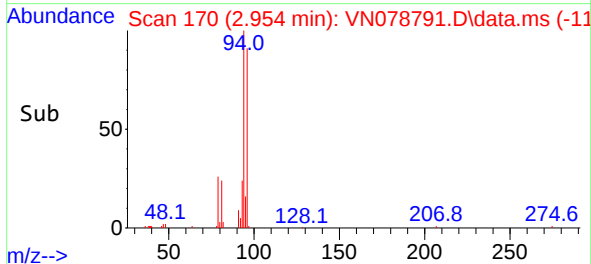
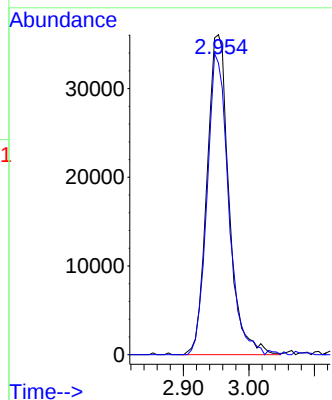
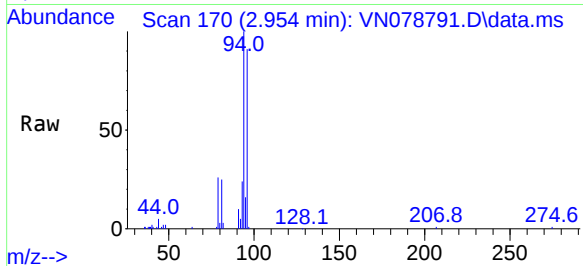




#5
Bromomethane
Concen: 41.479 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

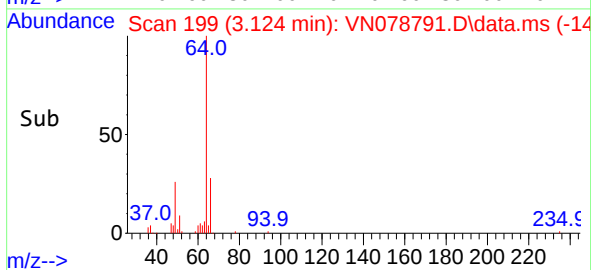
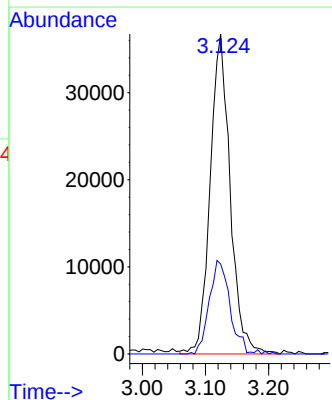
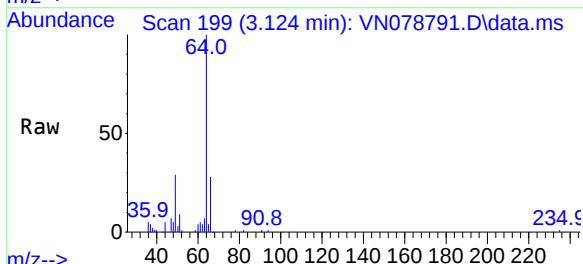
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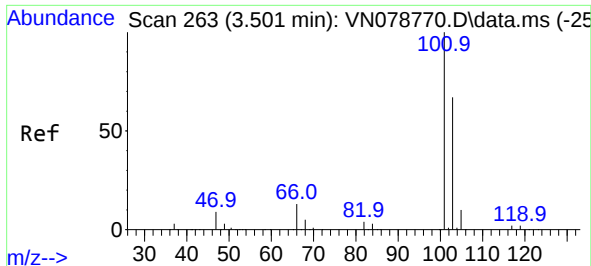
Tgt Ion: 94 Resp: 84100
Ion Ratio Lower Upper
94 100
96 91.2 73.1 109.7



#6
Chloroethane
Concen: 42.828 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 64 Resp: 80619
Ion Ratio Lower Upper
64 100
66 28.1 25.4 38.2

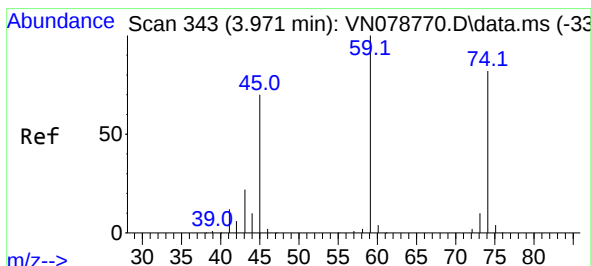
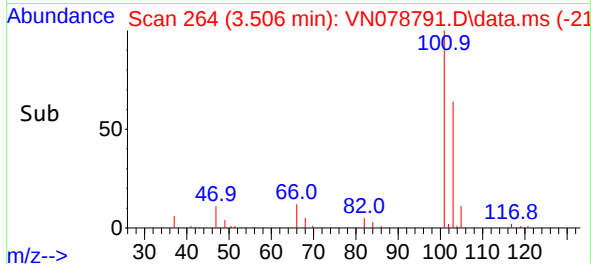
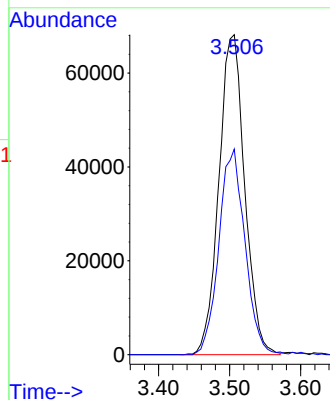
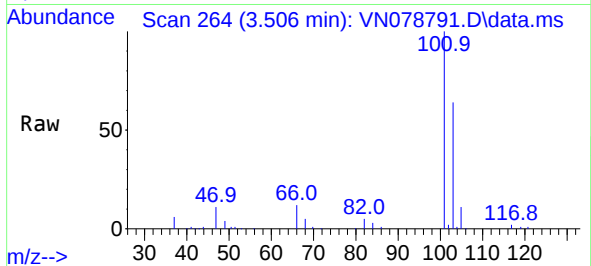




#7
Trichlorofluoromethane
Concen: 43.758 ug/l
RT: 3.506 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

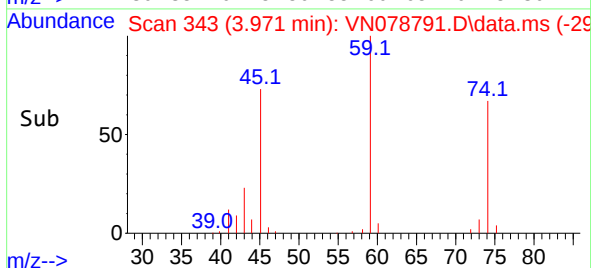
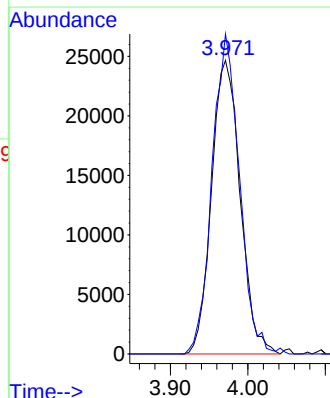
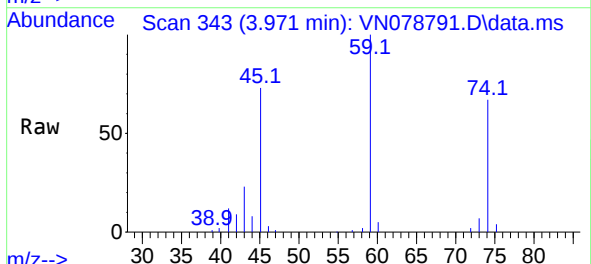
Instrument :
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VSTDCCC050

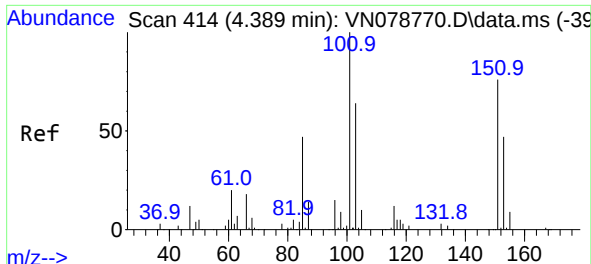
Tgt Ion:101 Resp: 172074
Ion Ratio Lower Upper
101 100
103 64.2 50.7 76.1



#8
Diethyl Ether
Concen: 44.191 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 74 Resp: 63409
Ion Ratio Lower Upper
74 100
45 104.0 34.4 103.3#

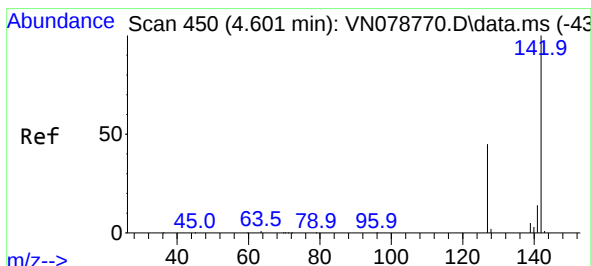
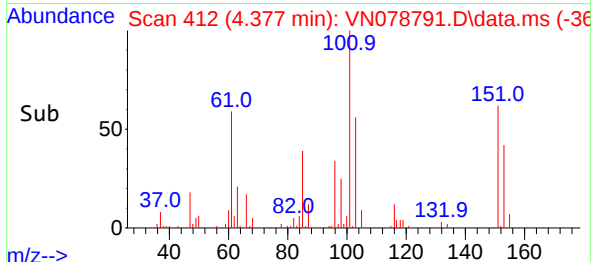
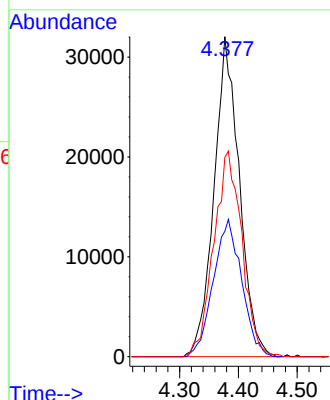
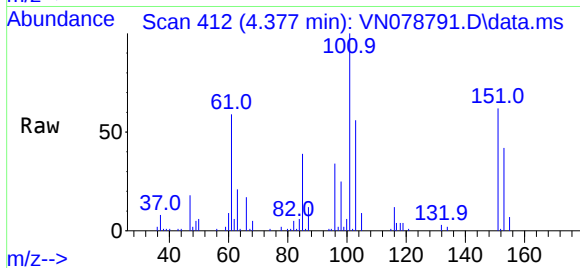




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.841 ug/l
RT: 4.377 min Scan# 414
Delta R.T. -0.012 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

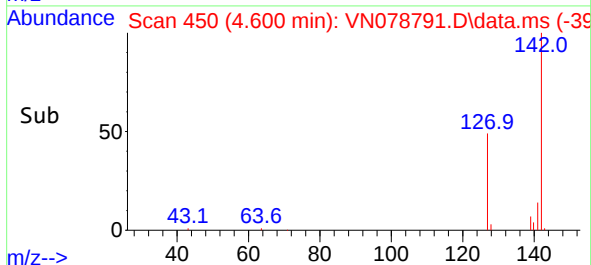
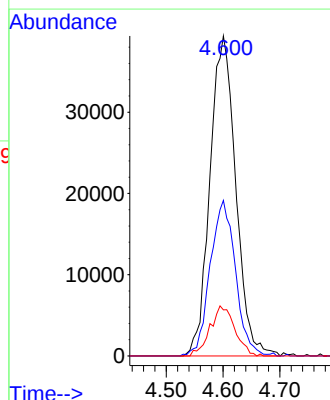
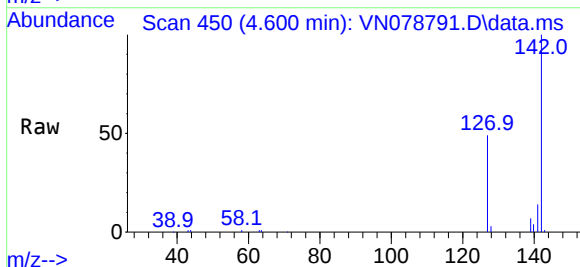
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

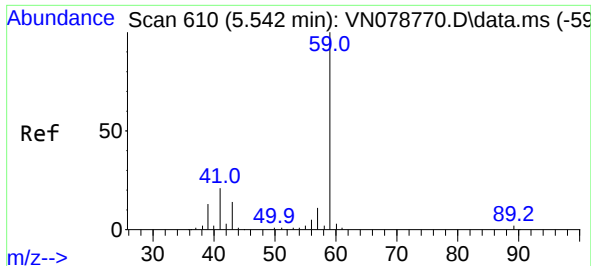
Tgt Ion:101 Resp: 95944
Ion Ratio Lower Upper
101 100
85 48.0 36.6 55.0
151 71.1 57.6 86.4



#10
Methyl Iodide
Concen: 47.276 ug/l
RT: 4.600 min Scan# 450
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion:142 Resp: 124344
Ion Ratio Lower Upper
142 100
127 48.6 37.6 56.4
141 14.4 11.4 17.0

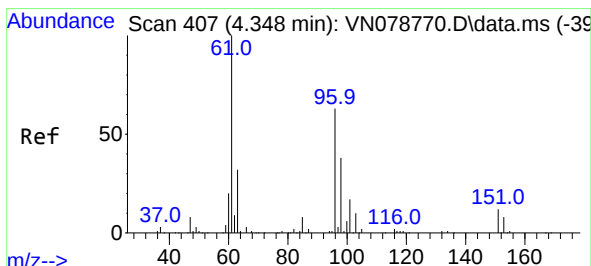
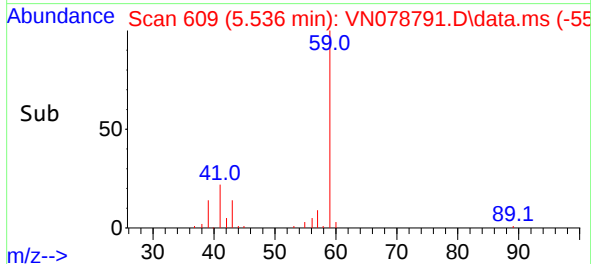
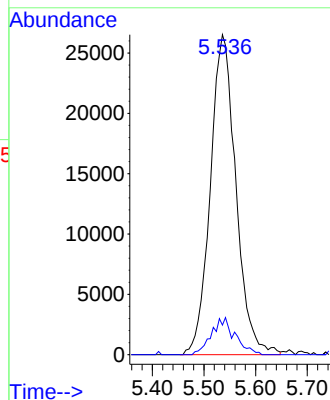
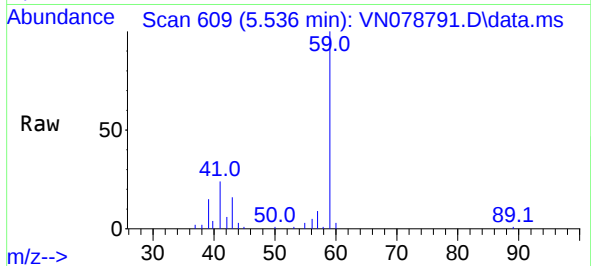




#11
Tert butyl alcohol
Concen: 197.019 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

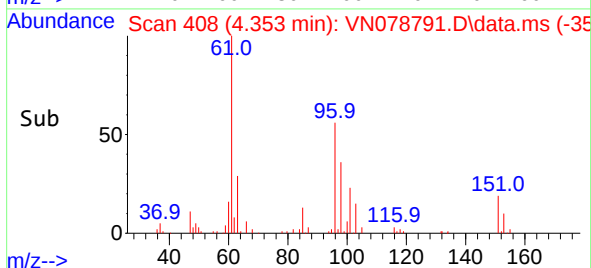
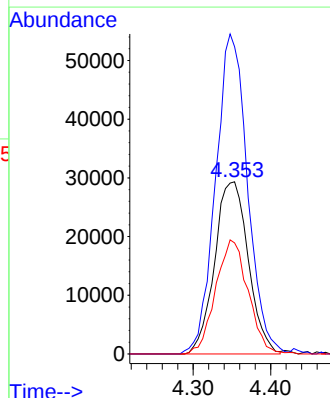
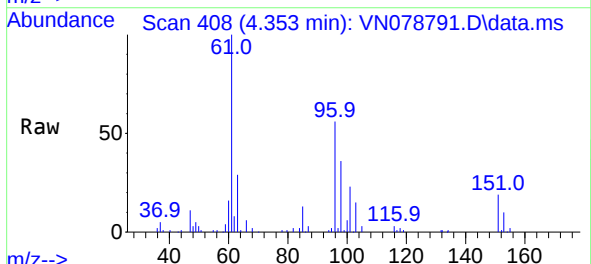
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

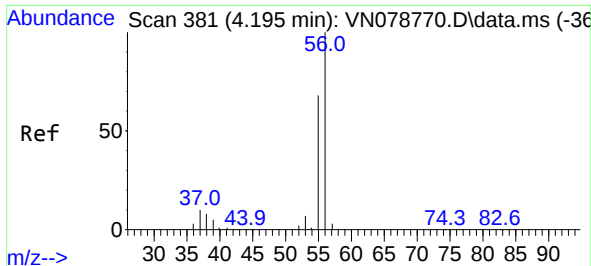
Tgt Ion: 59 Resp: 91301
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 43.040 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 96 Resp: 88595
Ion Ratio Lower Upper
96 100
61 178.4 112.7 169.1#
98 64.5 51.2 76.8

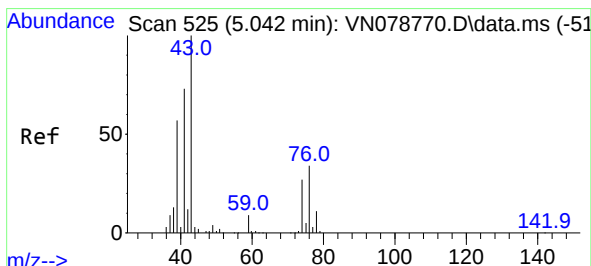
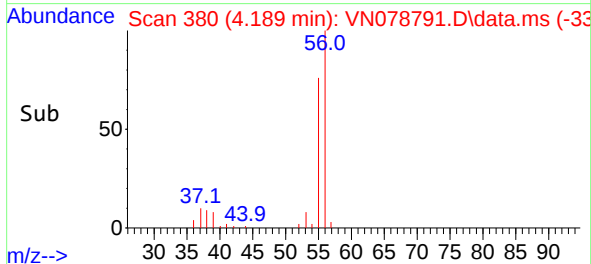
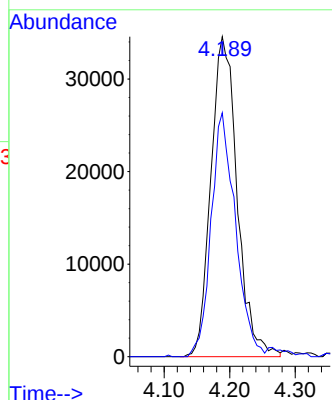
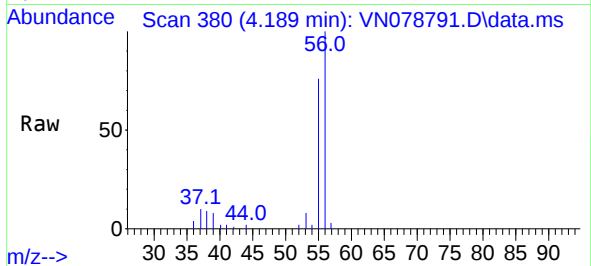




#13
Acrolein
Concen: 245.066 ug/l
RT: 4.189 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

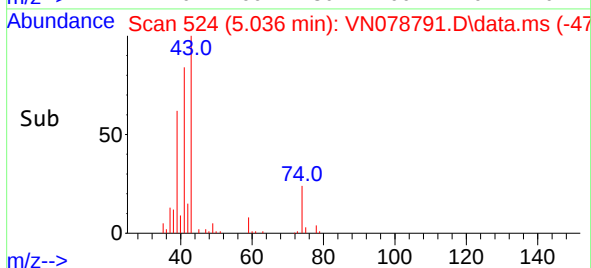
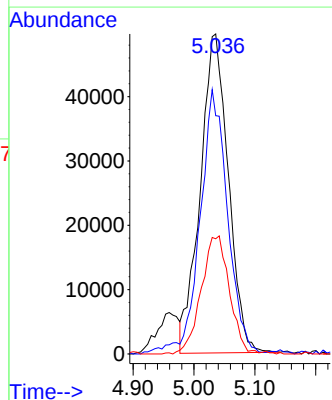
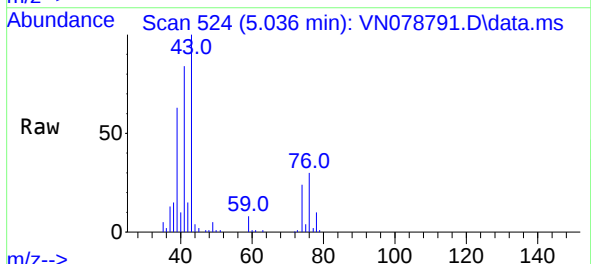
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

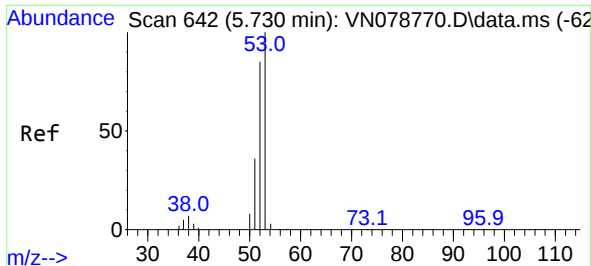
Tgt Ion: 56 Resp: 96089
Ion Ratio Lower Upper
56 100
55 70.7 54.5 81.7



#14
Allyl chloride
Concen: 46.446 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 41 Resp: 159188
Ion Ratio Lower Upper
41 100
39 81.5 58.8 88.2
76 37.1 39.1 58.7#

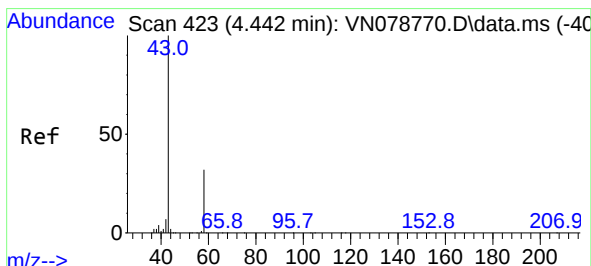
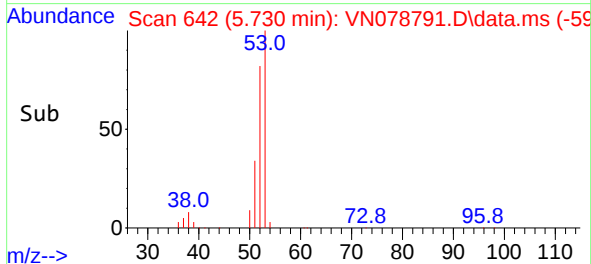
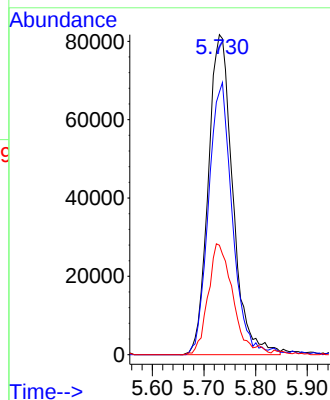
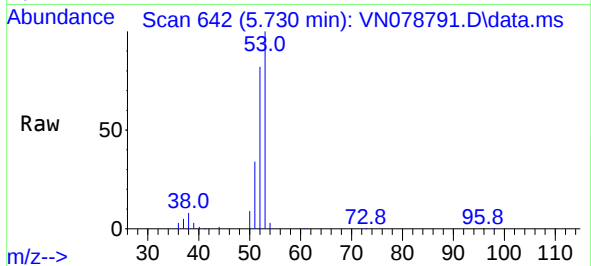




#15
Acrylonitrile
Concen: 222.974 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

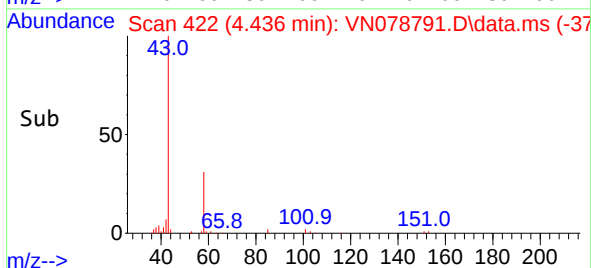
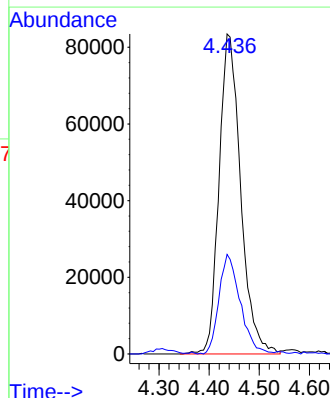
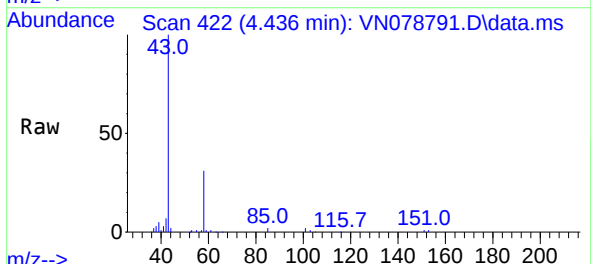
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

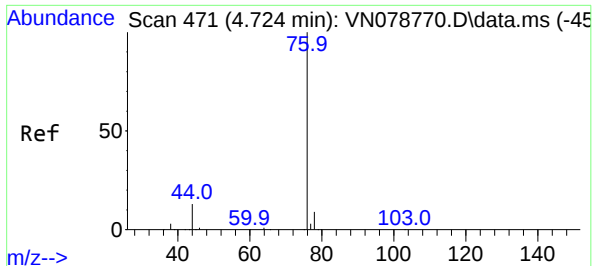
Tgt Ion: 53 Resp: 269089
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 34.4 28.9 43.3



#16
Acetone
Concen: 245.673 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 43 Resp: 249590
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0

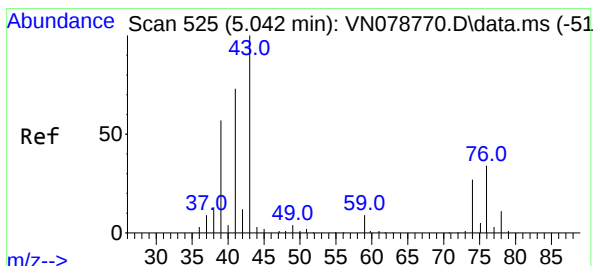
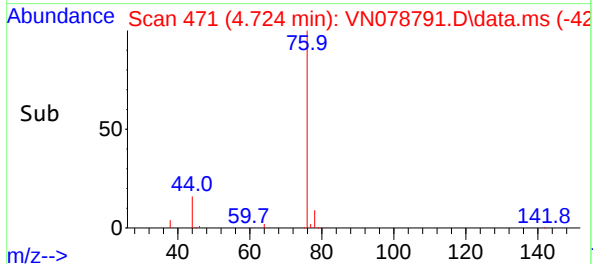
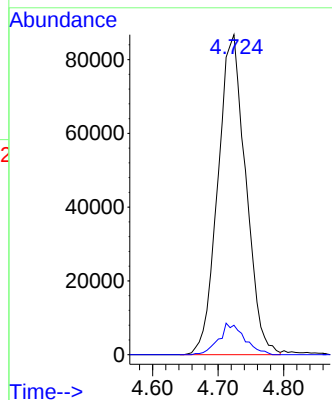
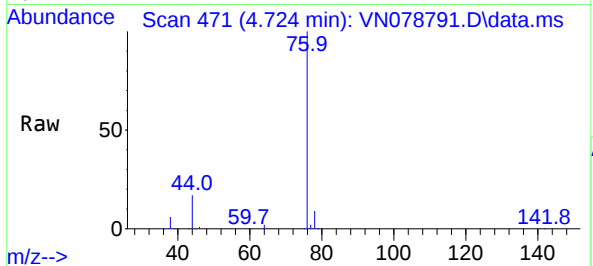




#17
Carbon Disulfide
Concen: 43.550 ug/l
RT: 4.724 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

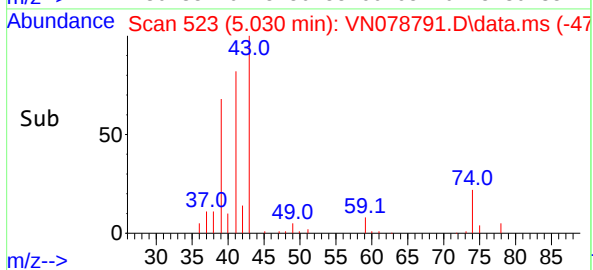
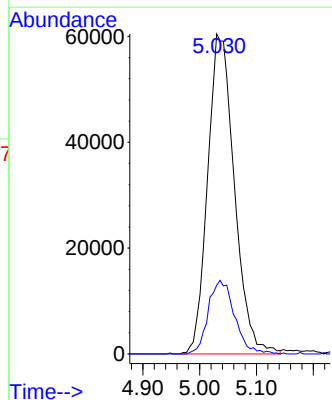
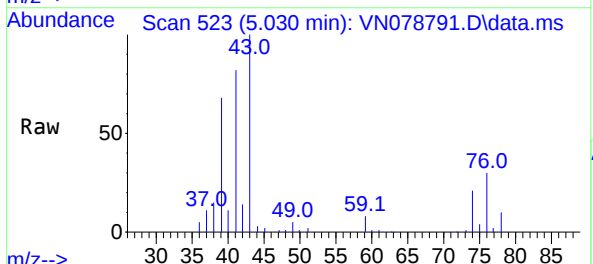
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

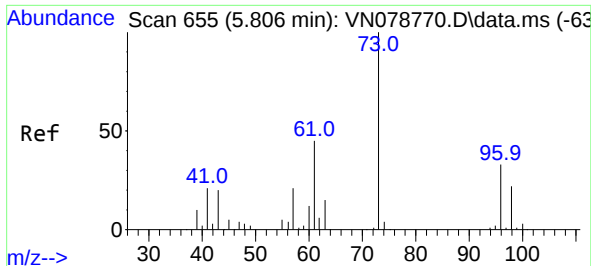
Tgt Ion: 76 Resp: 255722
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 43.253 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 43 Resp: 197362
Ion Ratio Lower Upper
43 100
74 22.7 26.2 39.4#

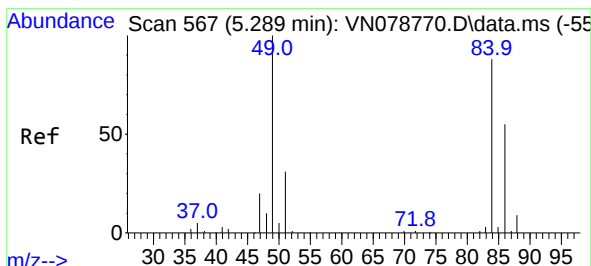
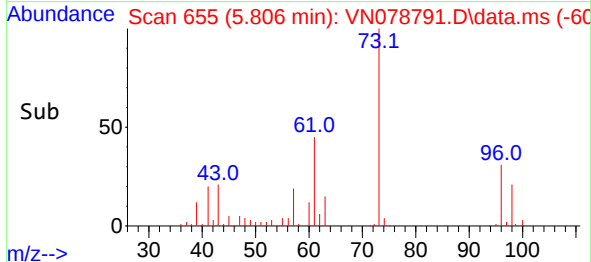
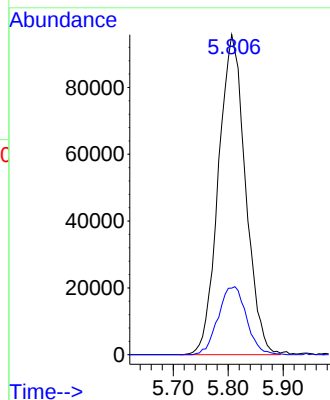
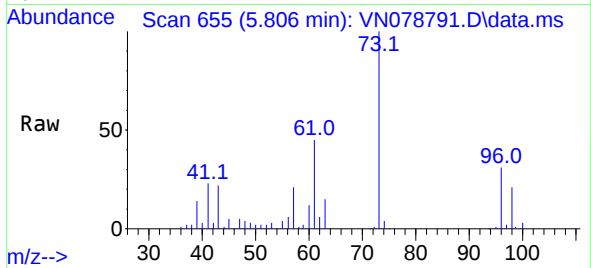




#19
Methyl tert-butyl Ether
Concen: 47.103 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

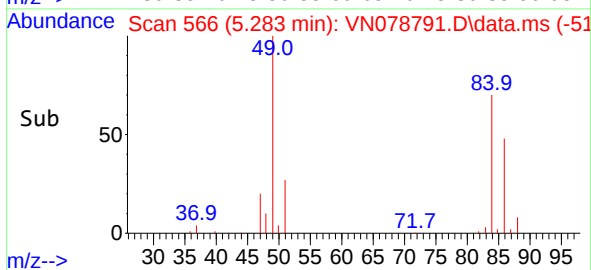
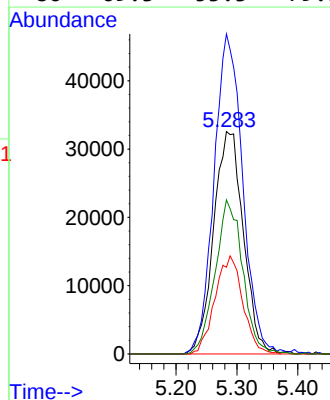
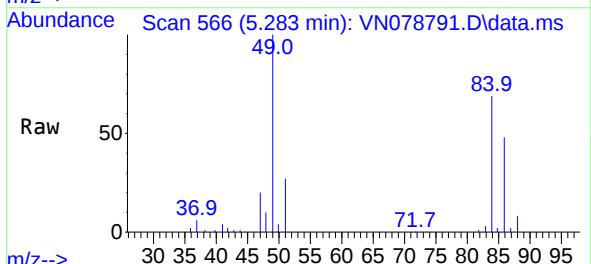
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

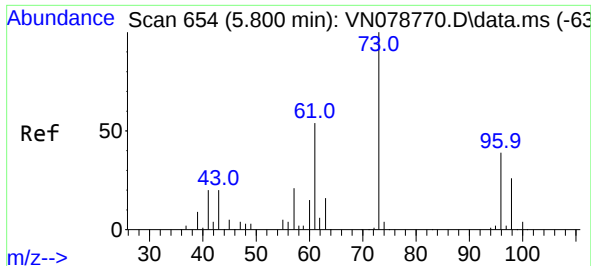
Tgt Ion: 73 Resp: 327529
Ion Ratio Lower Upper
73 100
57 20.8 15.6 23.4



#20
Methylene Chloride
Concen: 43.906 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 84 Resp: 110474
Ion Ratio Lower Upper
84 100
49 143.9 79.7 119.5#
51 39.0 25.2 37.8#
86 69.3 53.3 79.9

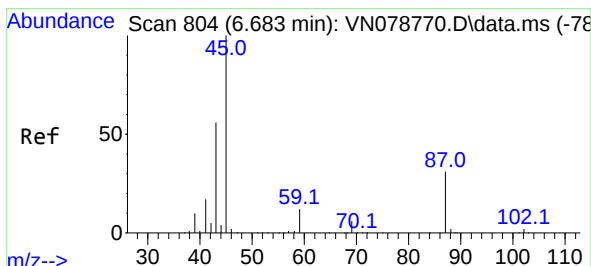
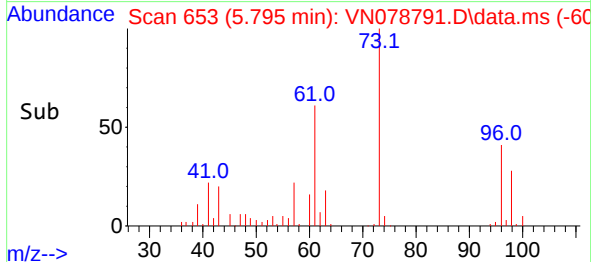
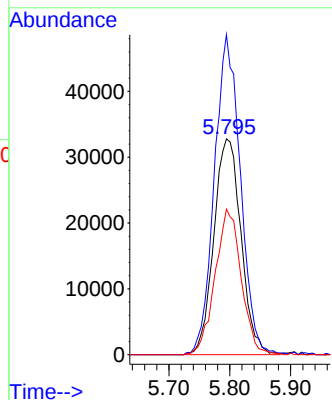
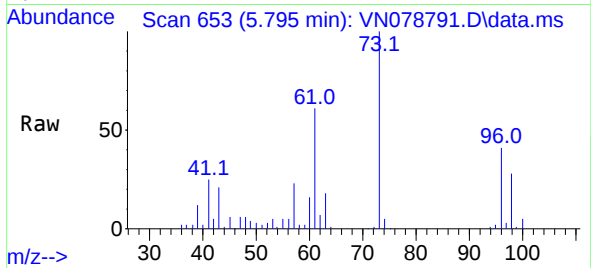




#21
trans-1,2-Dichloroethene
Concen: 44.111 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

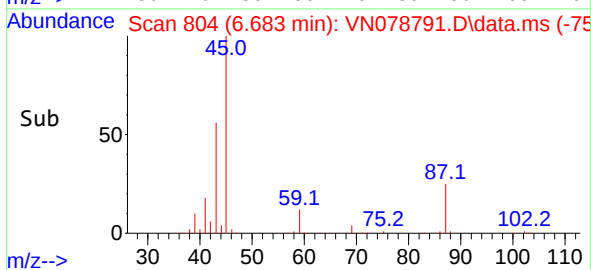
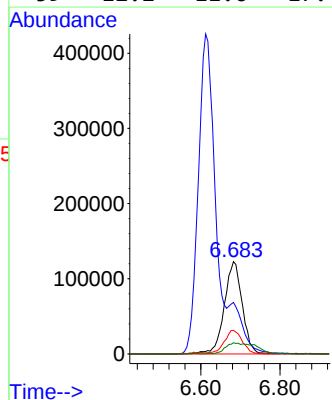
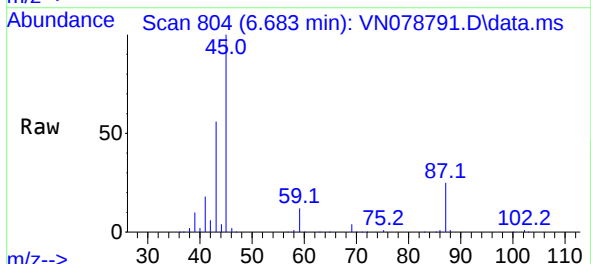
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

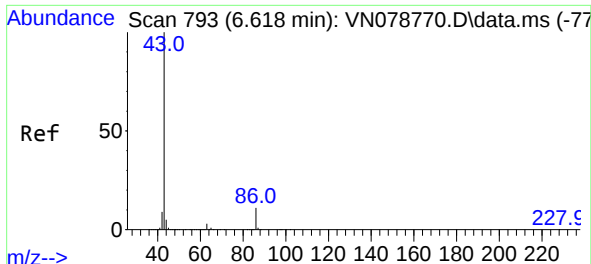
Tgt Ion: 96 Resp: 101610
Ion Ratio Lower Upper
96 100
61 148.2 90.1 135.1#
98 67.4 46.4 69.6



#22
Diisopropyl ether
Concen: 46.793 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 45 Resp: 385295
Ion Ratio Lower Upper
45 100
43 55.3 45.5 68.3
87 25.3 31.8 47.8#
59 12.2 11.6 17.4

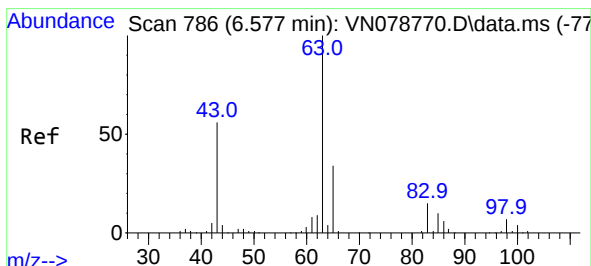
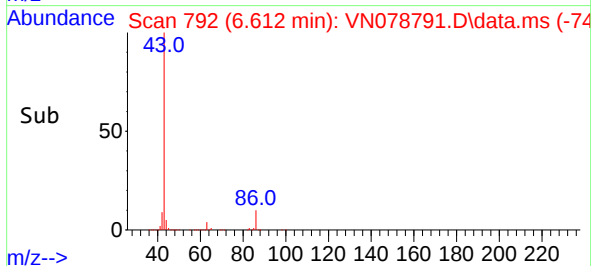
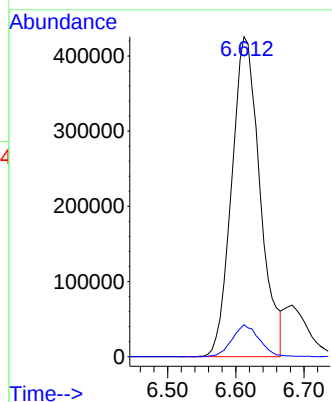
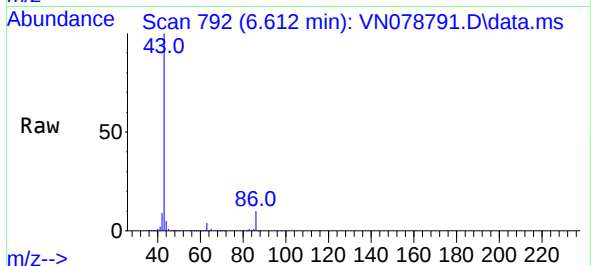




#23
 Vinyl Acetate
 Concen: 238.106 ug/l
 RT: 6.612 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: VN078791.D
 Acq: 08 Aug 2023 10:05

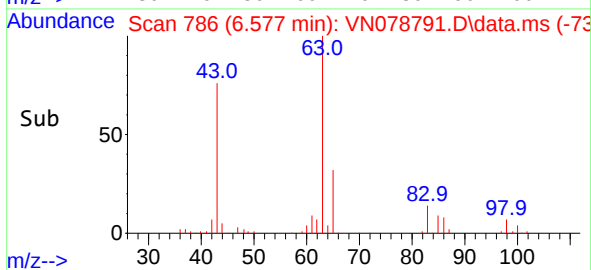
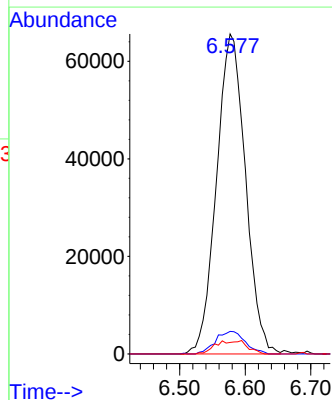
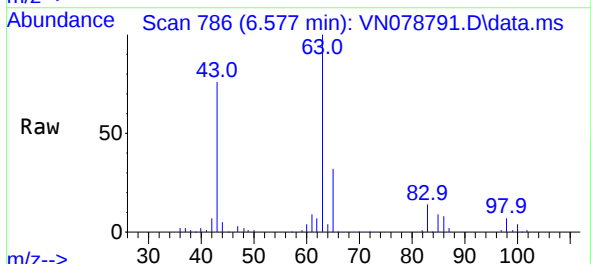
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

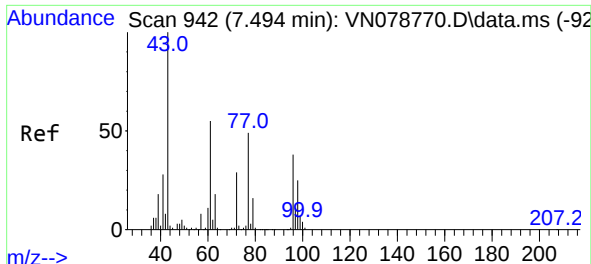
Tgt Ion: 43 Resp: 1230345
 Ion Ratio Lower Upper
 43 100
 86 10.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 44.887 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078791.D
 Acq: 08 Aug 2023 10:05

Tgt Ion: 63 Resp: 200983
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 3.6 2.5 7.4

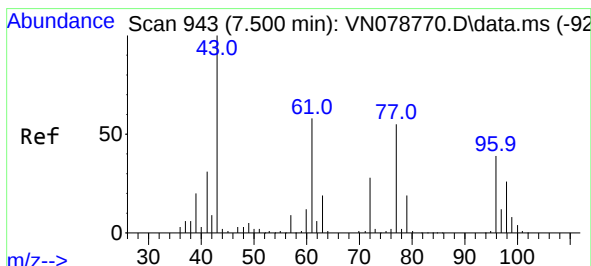
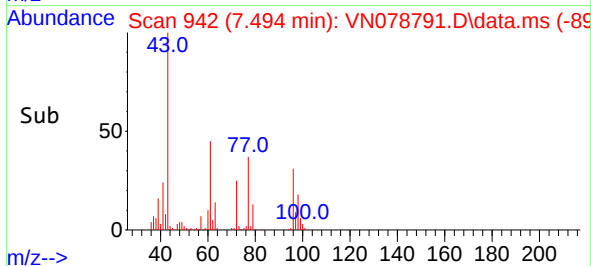
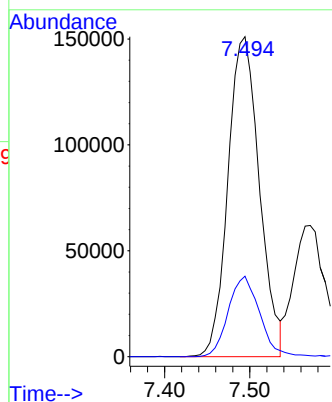
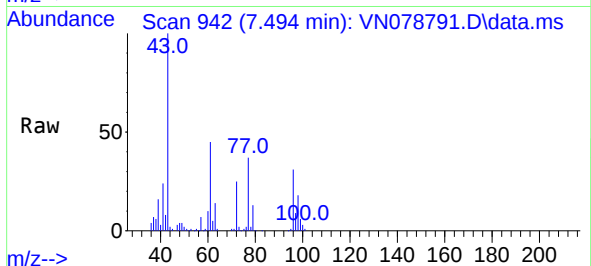




#25
2-Butanone
Concen: 225.285 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

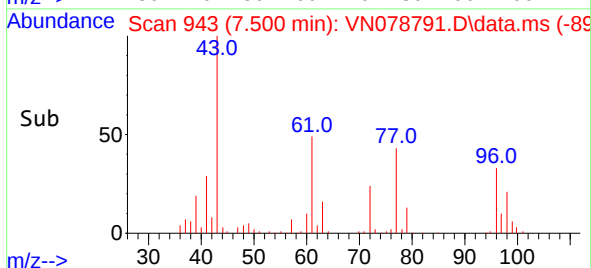
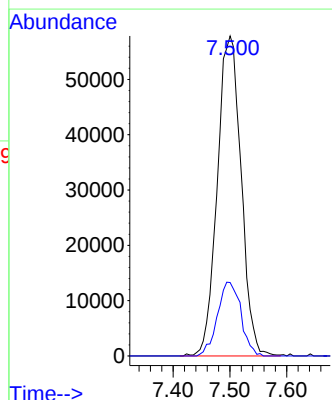
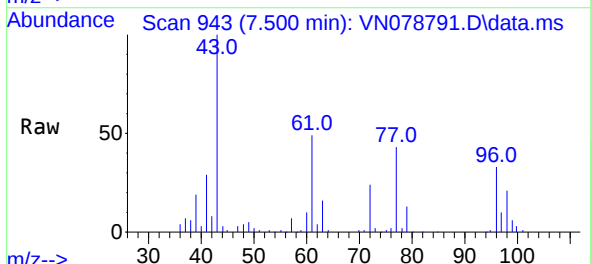
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

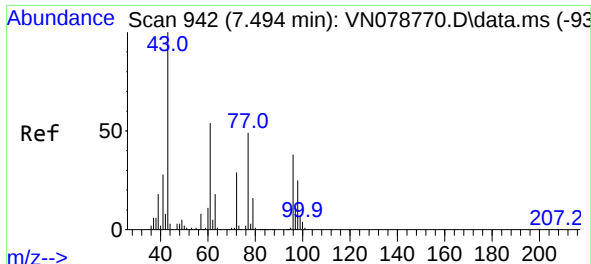
Tgt Ion: 43 Resp: 387575
Ion Ratio Lower Upper
43 100
72 25.2 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 53.904 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 77 Resp: 168547
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6

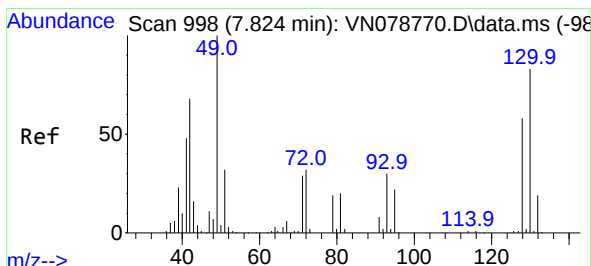
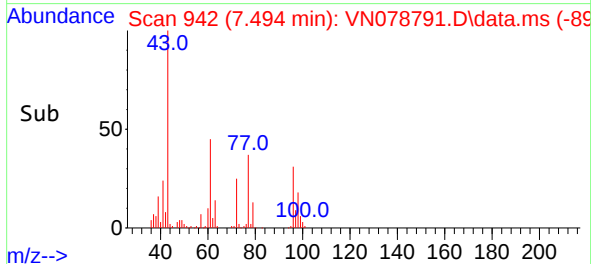
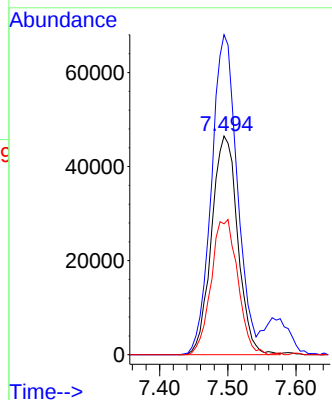
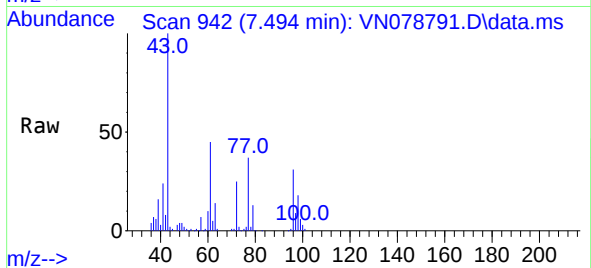




#27
cis-1,2-Dichloroethene
Concen: 46.933 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

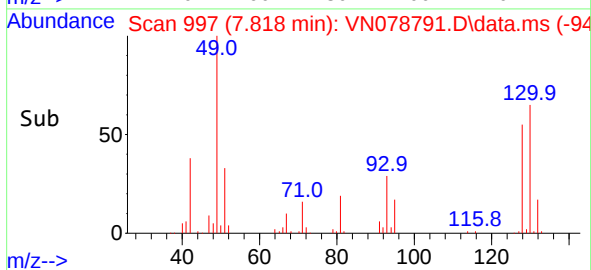
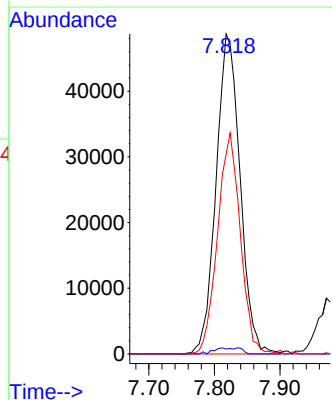
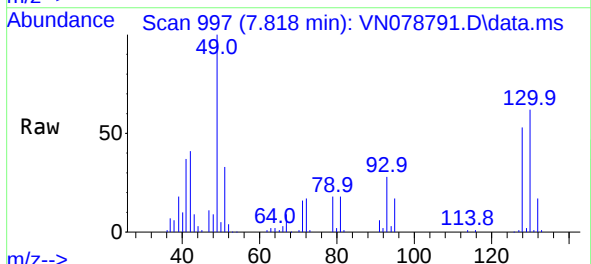
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

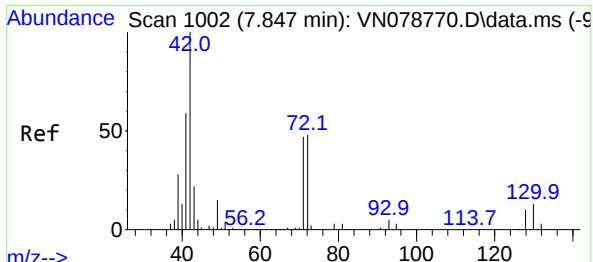
Tgt Ion: 96 Resp: 124123
Ion Ratio Lower Upper
96 100
61 144.0 0.0 255.2
98 62.8 0.0 128.8



#28
Bromochloromethane
Concen: 50.992 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 49 Resp: 123719
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.8
130 65.4 75.3 112.9#

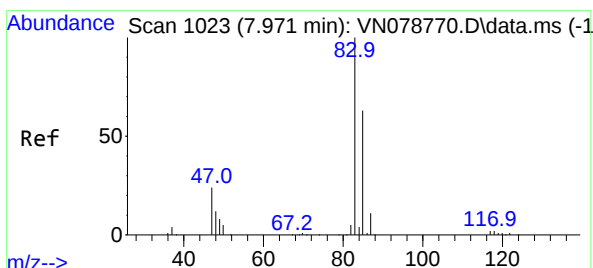
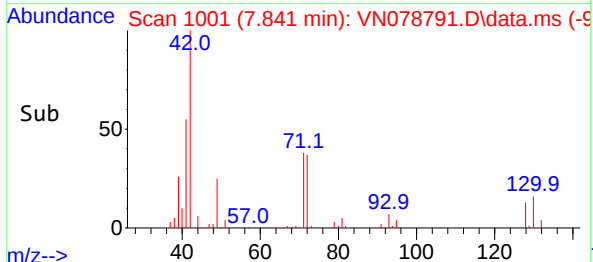
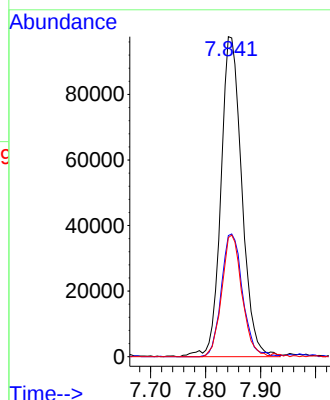
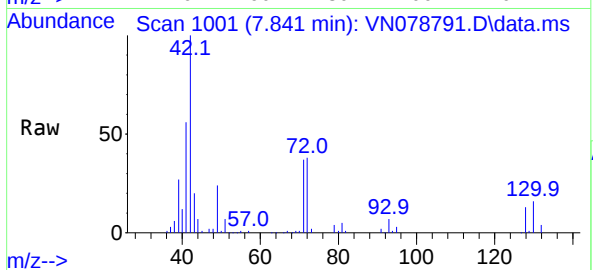




#29
Tetrahydrofuran
Concen: 224.121 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

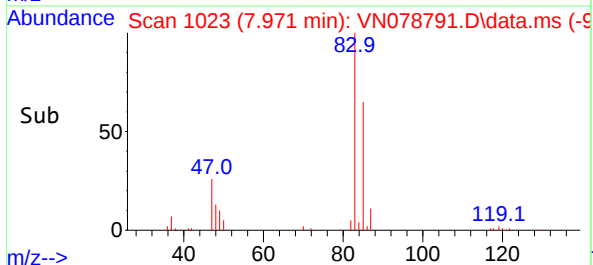
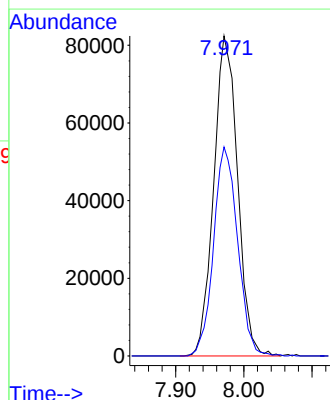
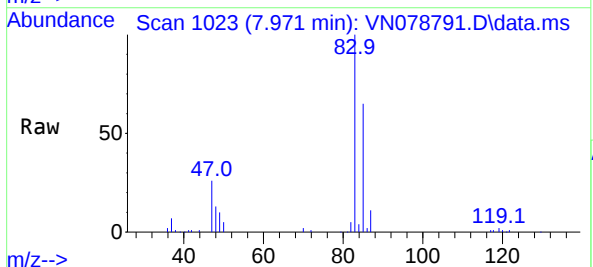
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

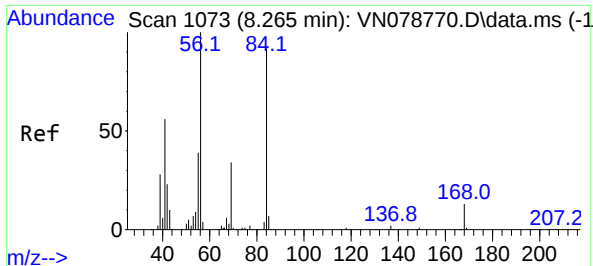
Tgt Ion: 42 Resp: 258018
Ion Ratio Lower Upper
42 100
72 39.0 49.8 74.6#
71 36.6 47.4 71.2#



#30
Chloroform
Concen: 44.483 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 83 Resp: 200594
Ion Ratio Lower Upper
83 100
85 65.3 55.4 83.0

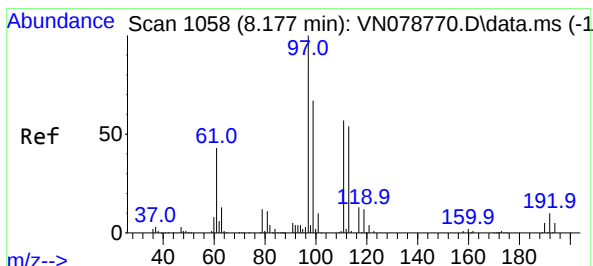
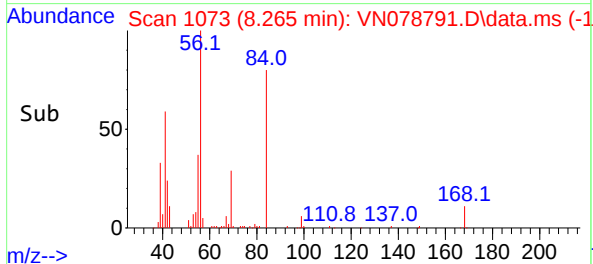
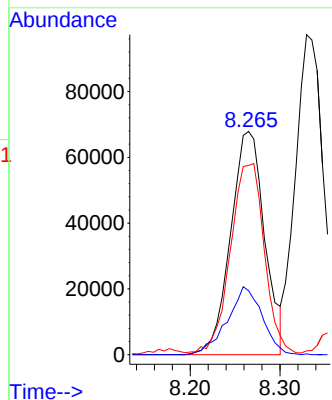
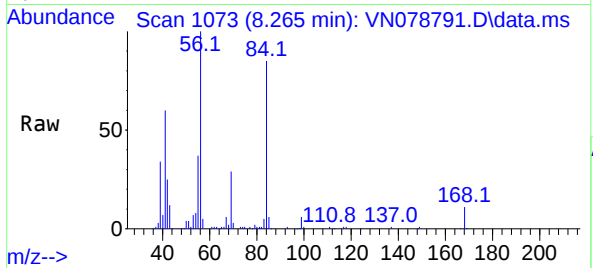




#31
Cyclohexane
Concen: 46.103 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

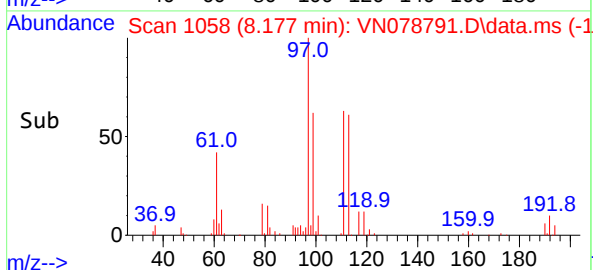
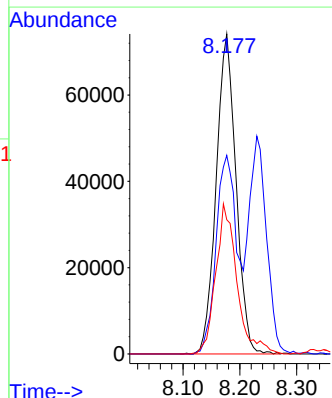
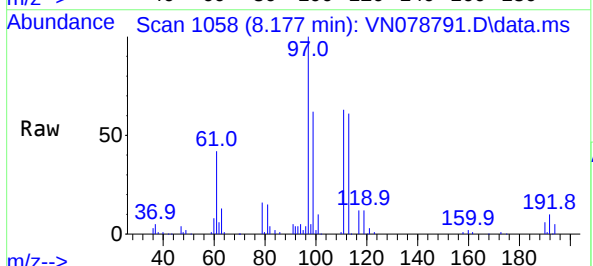
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

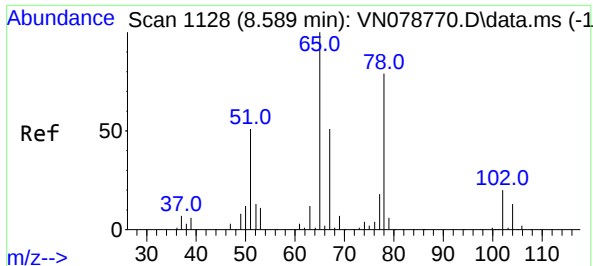
Tgt Ion: 56 Resp: 178865
Ion Ratio Lower Upper
56 100
69 28.6 26.8 40.2
84 83.4 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 46.879 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 97 Resp: 179688
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 50.2 34.7 52.1

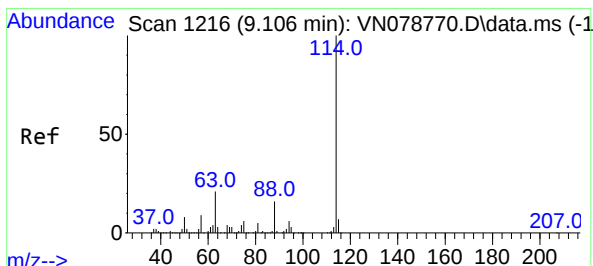
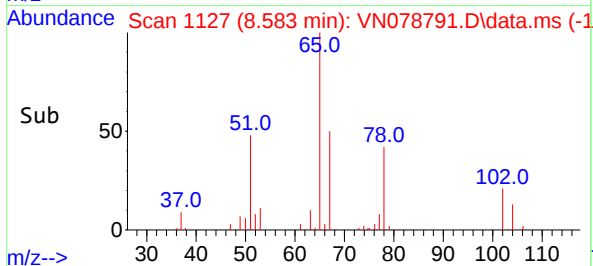
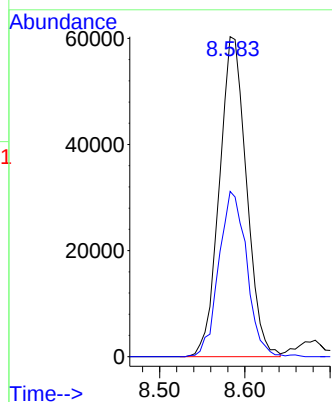
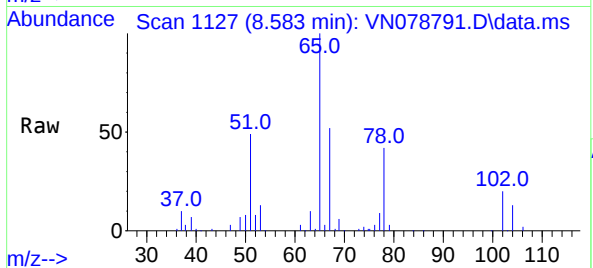




#33
1,2-Dichloroethane-d4
Concen: 50.433 ug/l
RT: 8.583 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

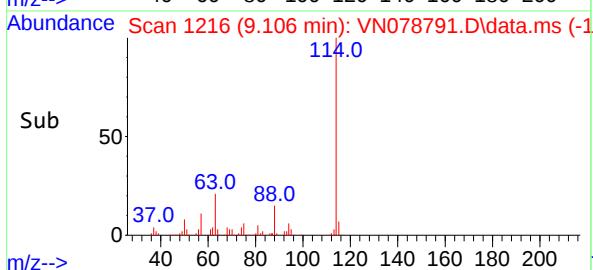
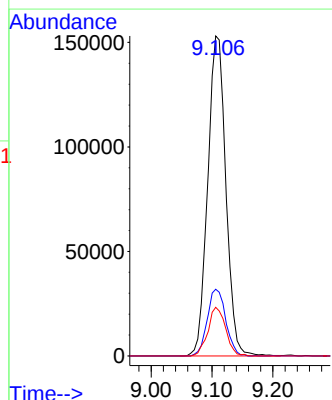
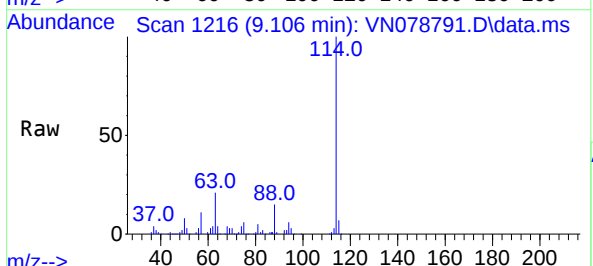
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

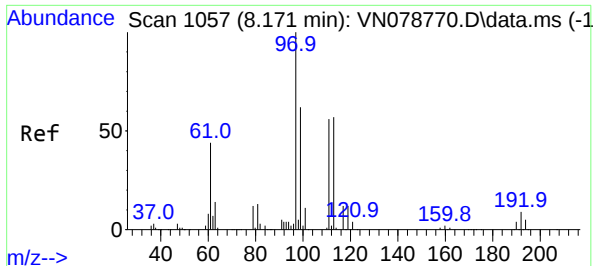
Tgt Ion: 65 Resp: 133167
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 114 Resp: 317067
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.4
88 15.2 0.0 30.6

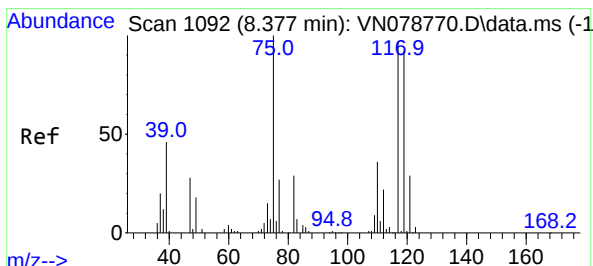
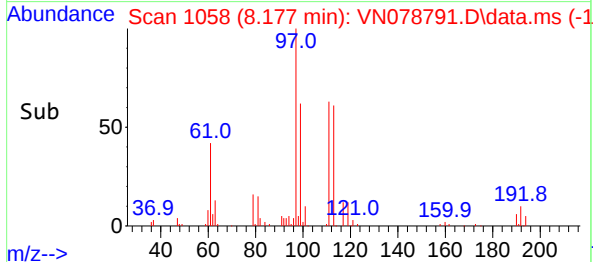
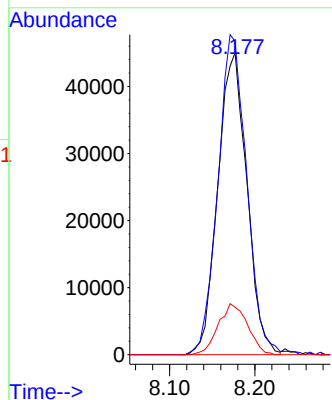
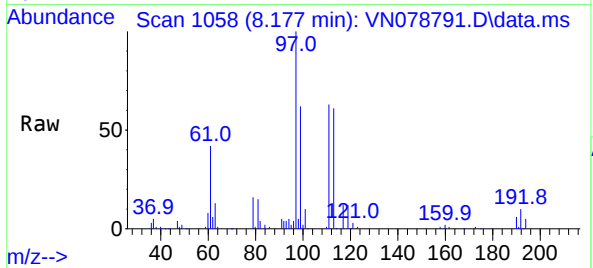




#35
Dibromofluoromethane
Concen: 49.786 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

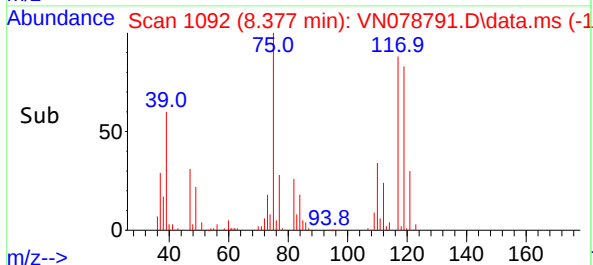
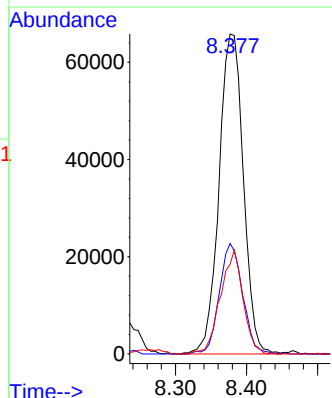
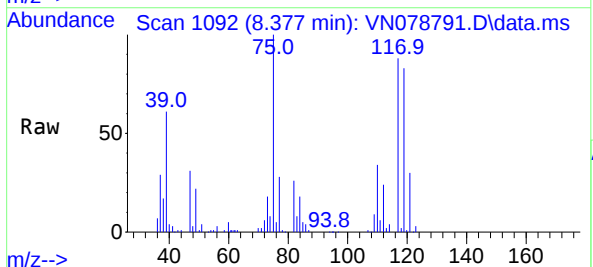
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

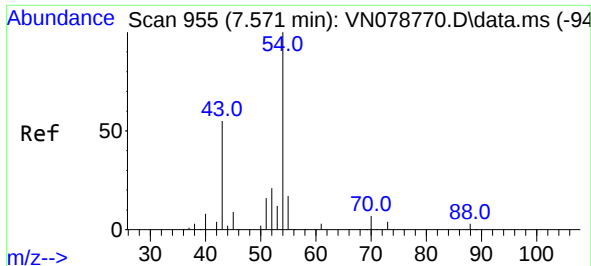
Tgt Ion:113 Resp: 106602
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 17.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 47.129 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 75 Resp: 156555
Ion Ratio Lower Upper
75 100
110 33.0 19.1 57.3
77 30.1 25.0 37.4

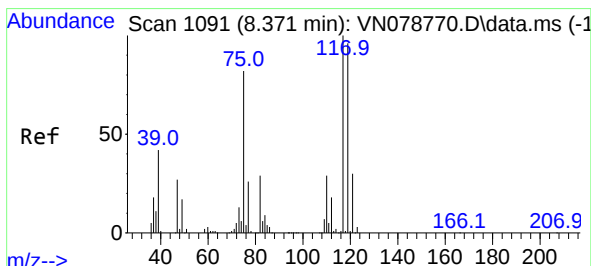
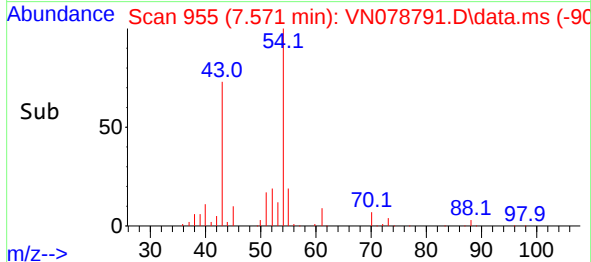
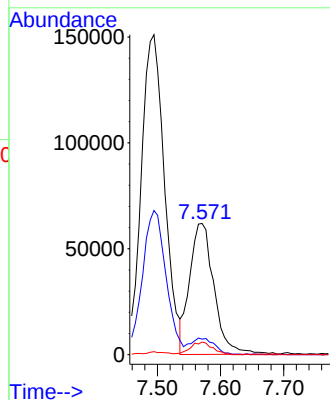
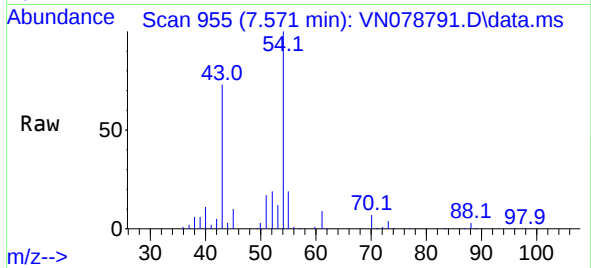




#37
Ethyl Acetate
Concen: 46.888 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

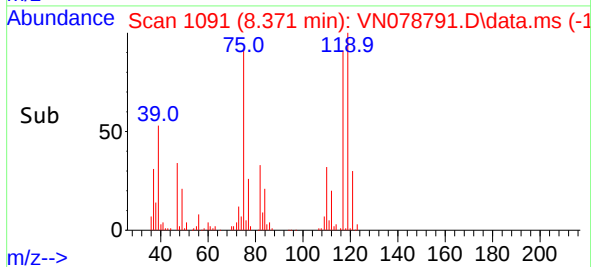
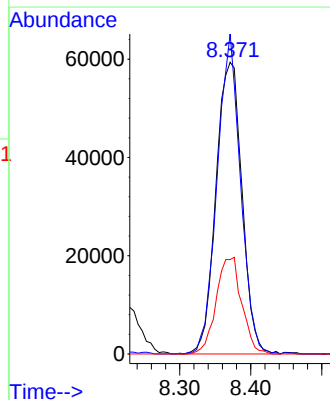
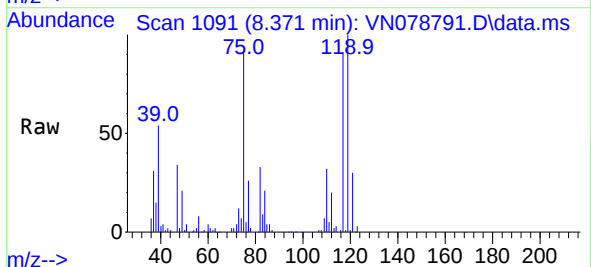
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

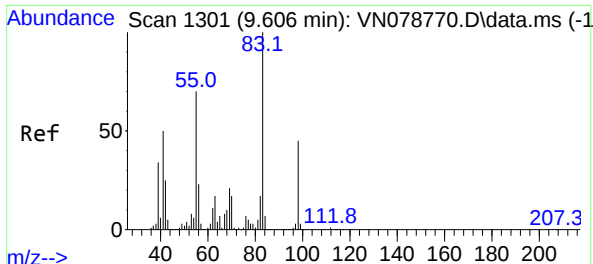
Tgt Ion: 43 Resp: 165604
Ion Ratio Lower Upper
43 100
61 11.5 13.2 19.8#
70 8.9 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 44.070 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 117 Resp: 150916
Ion Ratio Lower Upper
117 100
119 109.7 77.3 115.9
121 32.4 23.3 34.9





#39

Methylcyclohexane

Concen: 46.371 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078791.D

Acq: 08 Aug 2023 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

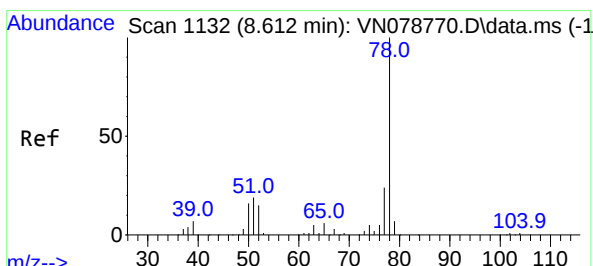
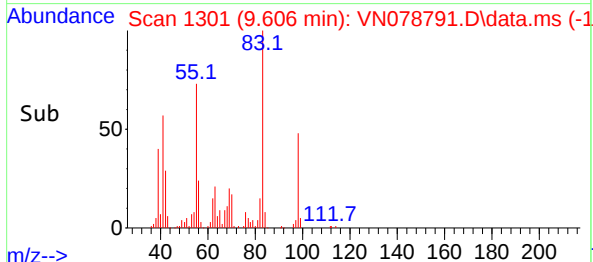
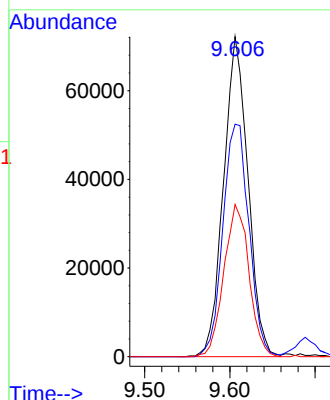
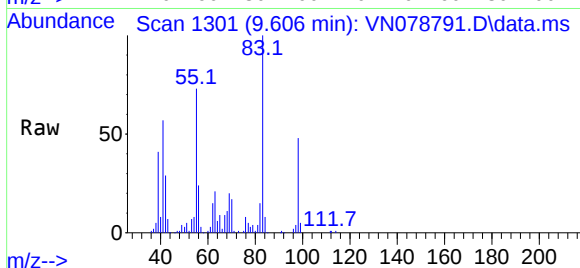
Tgt Ion: 83 Resp: 143877

Ion Ratio Lower Upper

83 100

55 72.7 49.1 73.7

98 47.6 40.6 61.0



#40

Benzene

Concen: 45.333 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078791.D

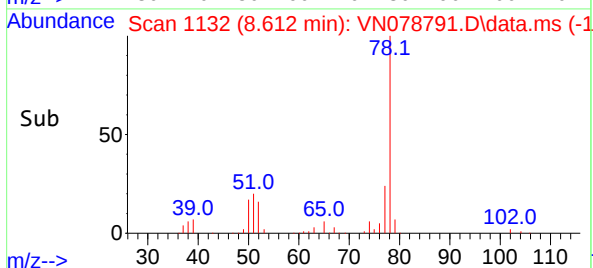
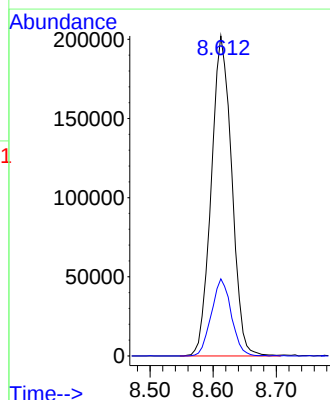
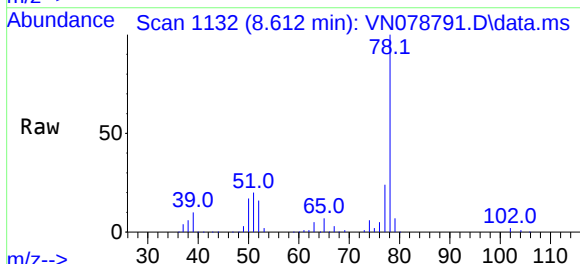
Acq: 08 Aug 2023 10:05

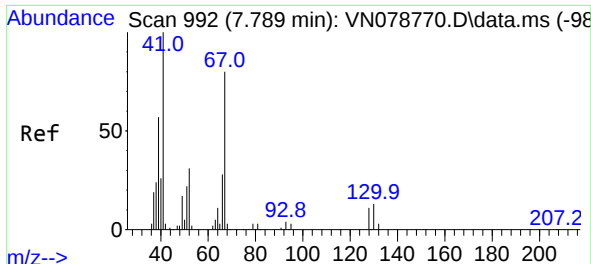
Tgt Ion: 78 Resp: 455484

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6



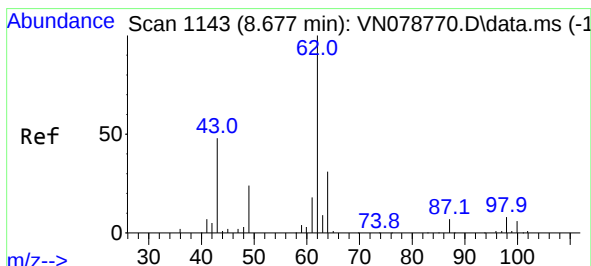
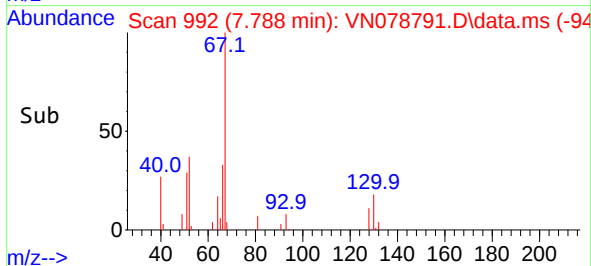
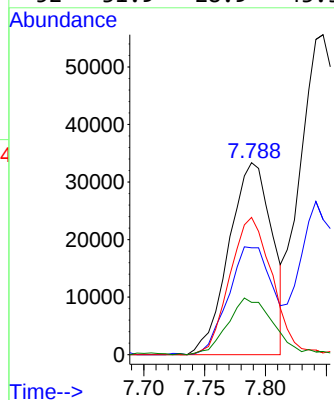
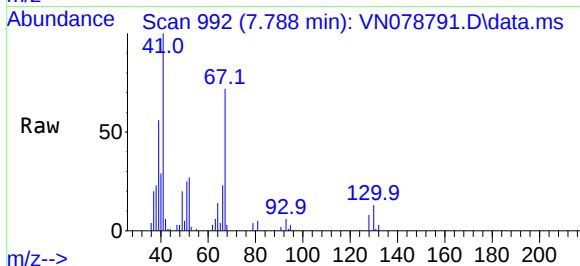


#41
Methacrylonitrile
Concen: 41.882 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 82247

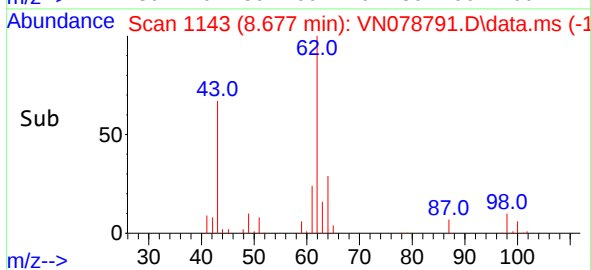
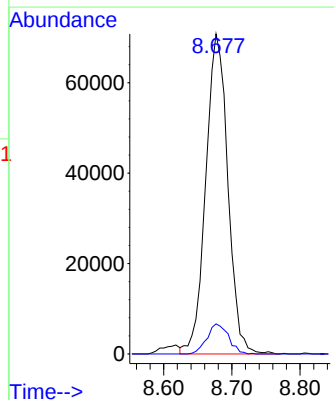
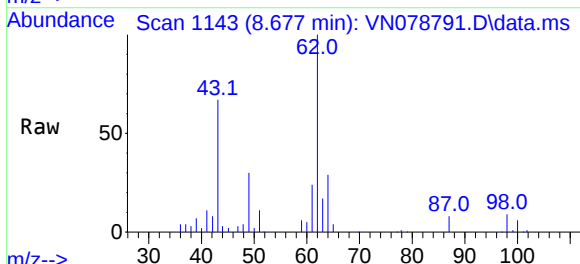
Ion	Ratio	Lower	Upper
41	100		
39	56.7	42.6	64.0
67	70.9	77.5	116.3
52	31.9	28.9	43.3

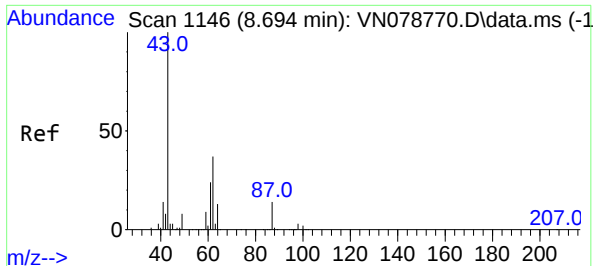


#42
1,2-Dichloroethane
Concen: 44.184 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 62 Resp: 159564

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8

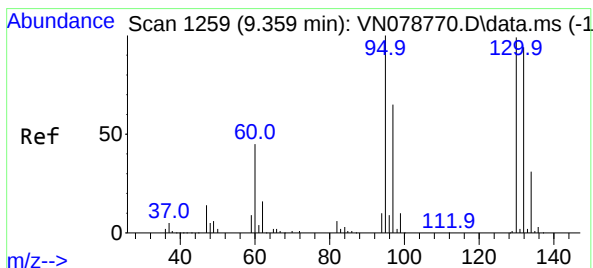
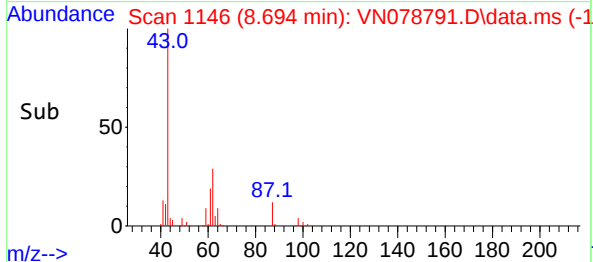
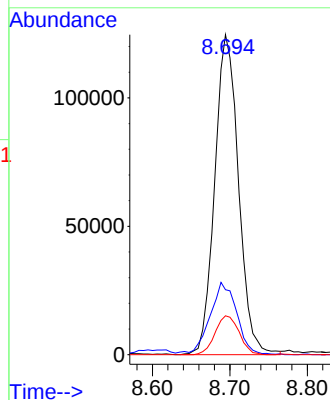
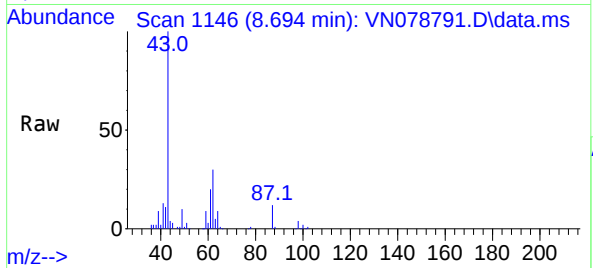




#43
Isopropyl Acetate
Concen: 44.743 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

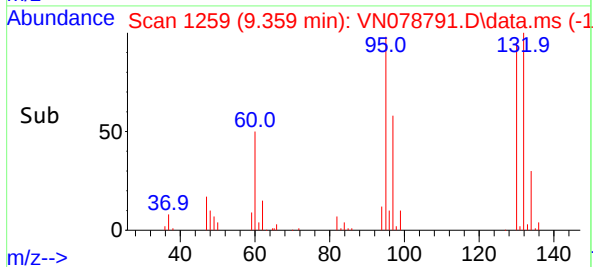
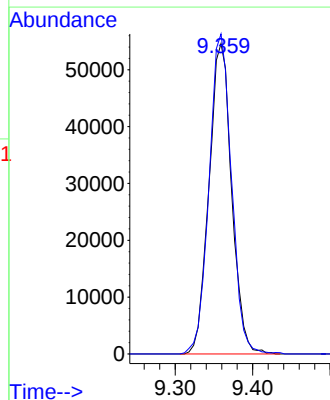
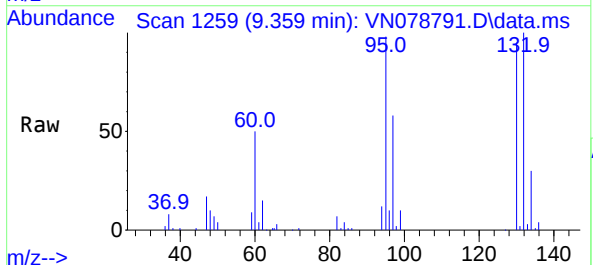
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

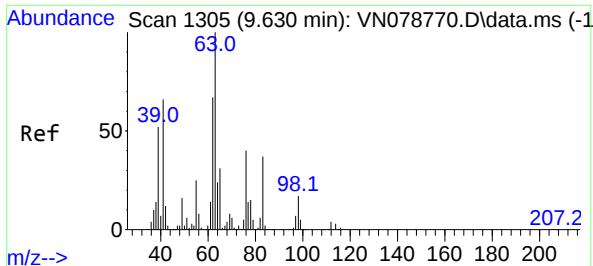
Tgt Ion: 43 Resp: 266431
Ion Ratio Lower Upper
43 100
61 25.6 24.7 37.1
87 12.2 14.6 21.8#



#44
Trichloroethene
Concen: 44.917 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion:130 Resp: 110529
Ion Ratio Lower Upper
130 100
95 103.1 0.0 204.6

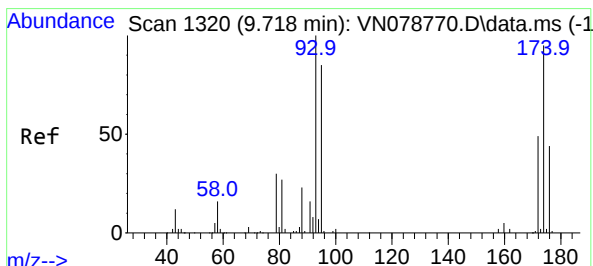
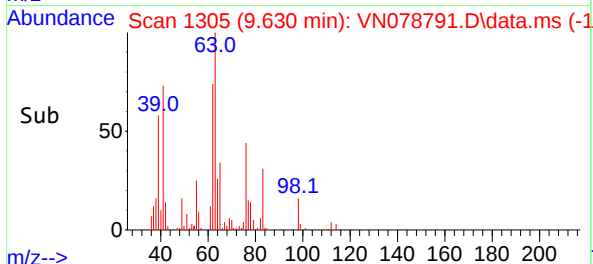
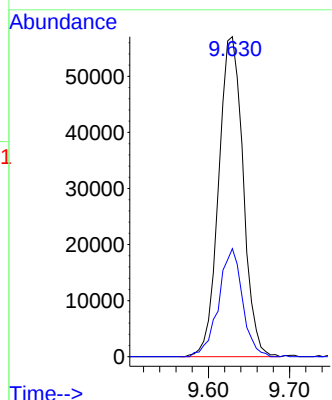
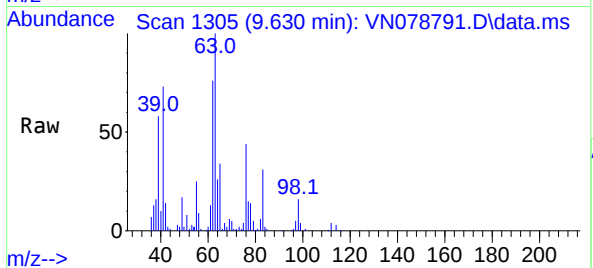




#45
1,2-Dichloropropane
Concen: 44.390 ug/l
RT: 9.630 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

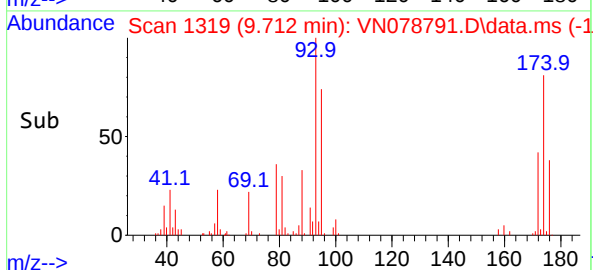
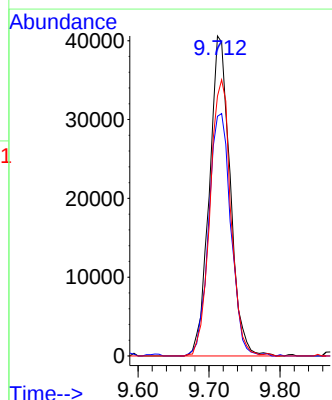
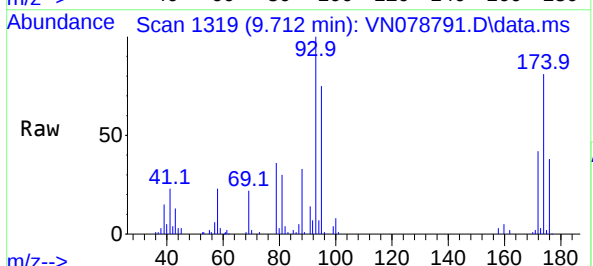
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

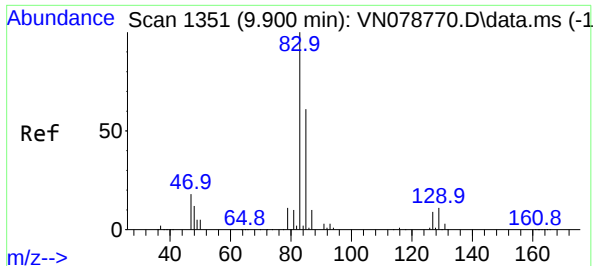
Tgt Ion: 63 Resp: 119562
Ion Ratio Lower Upper
63 100
65 33.7 23.9 35.9



#46
Dibromomethane
Concen: 46.003 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 93 Resp: 82468
Ion Ratio Lower Upper
93 100
95 80.8 63.8 95.8
174 86.5 65.6 98.4

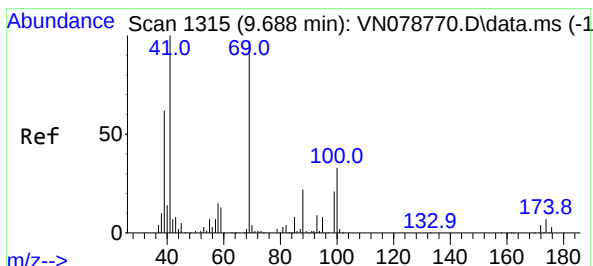
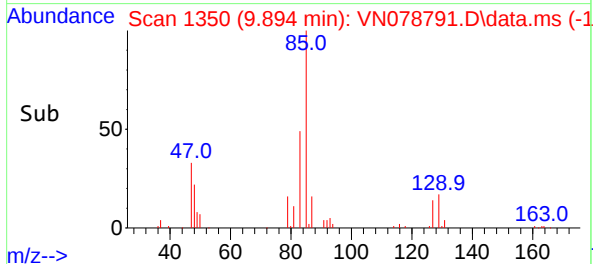
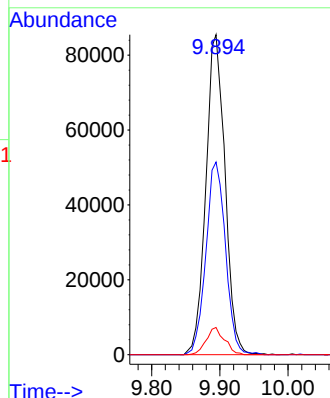
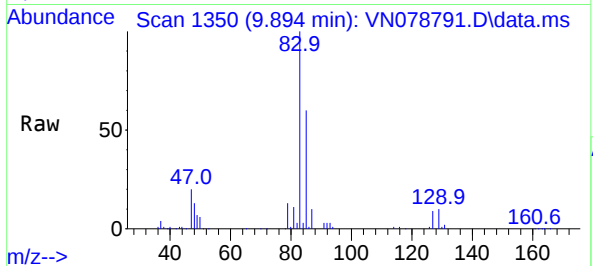




#47
Bromodichloromethane
Concen: 46.806 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

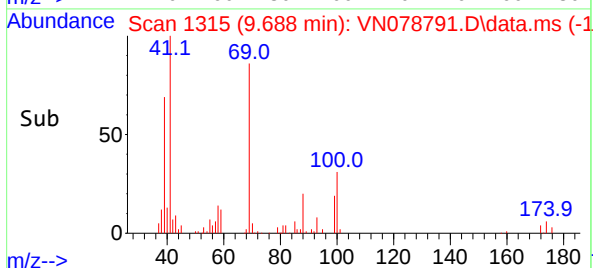
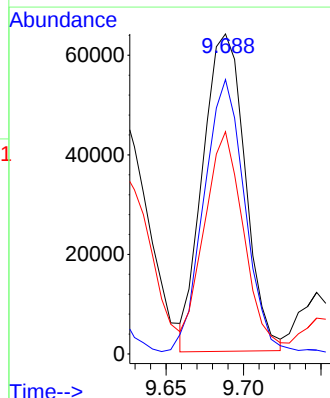
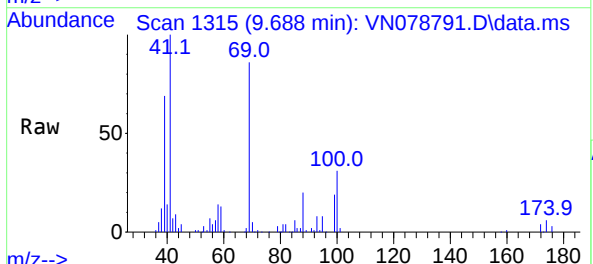
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

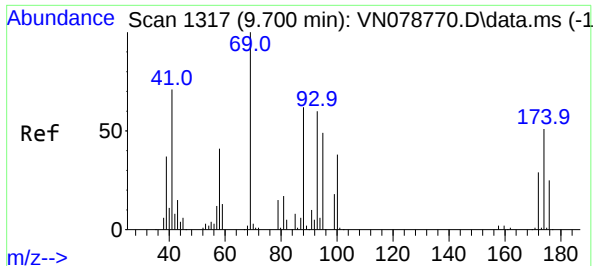
Tgt Ion: 83 Resp: 167008
Ion Ratio Lower Upper
83 100
85 60.2 49.6 74.4
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 44.119 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 41 Resp: 121389
Ion Ratio Lower Upper
41 100
69 84.2 90.4 135.6#
39 65.9 54.6 81.8

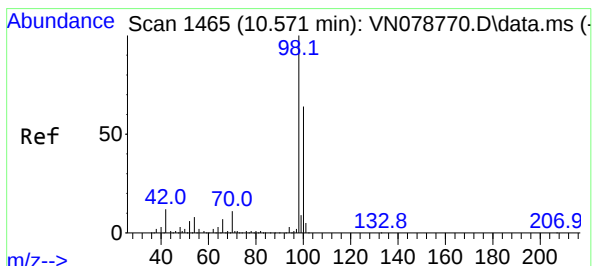
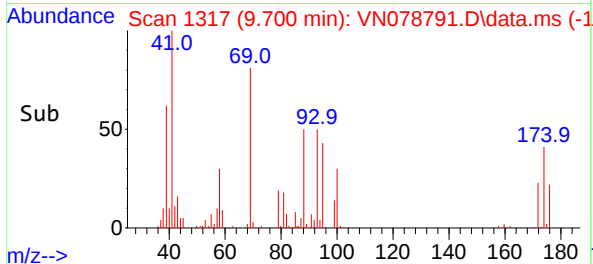
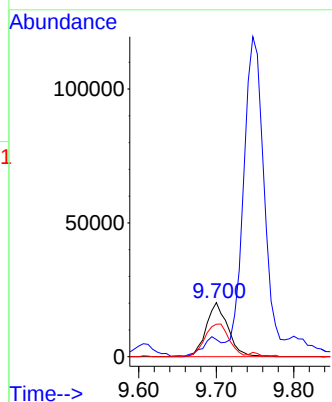
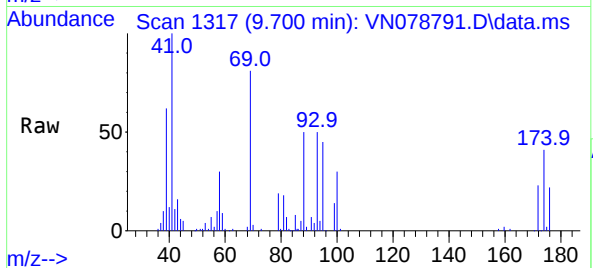




#49
1,4-Dioxane
Concen: 875.300 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

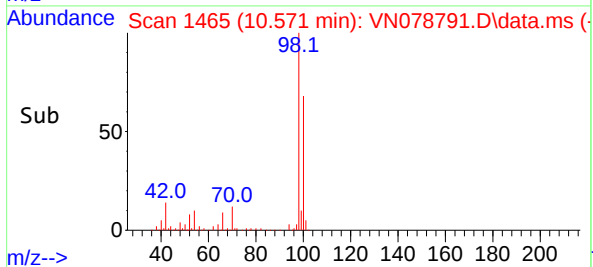
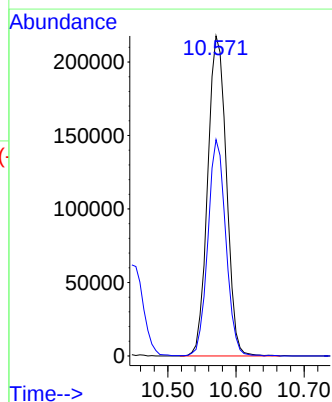
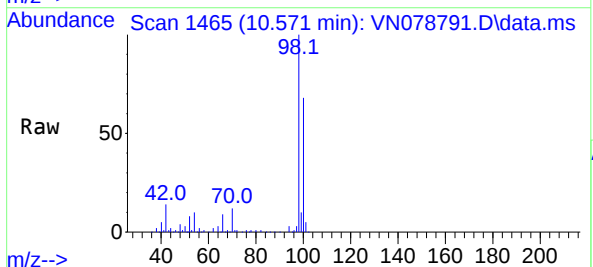
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

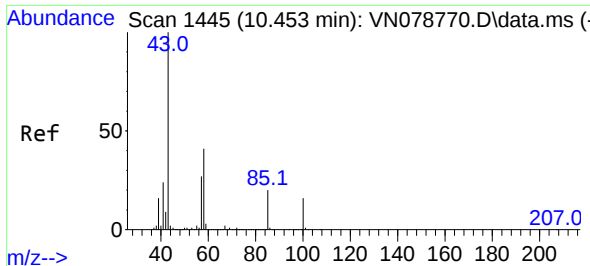
Tgt Ion: 88 Resp: 39107
Ion Ratio Lower Upper
88 100
43 27.4 17.0 25.6#
58 67.6 47.0 70.4



#50
Toluene-d8
Concen: 52.771 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 98 Resp: 415815
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

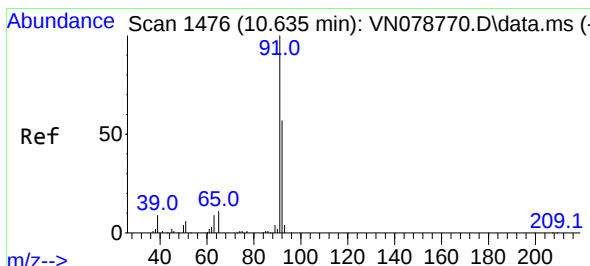
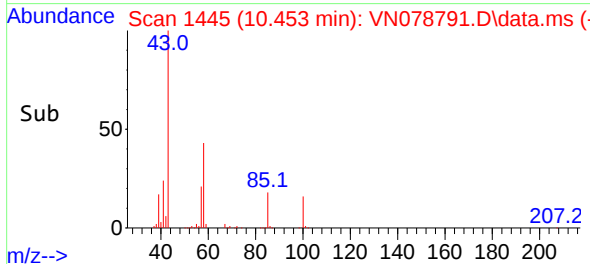
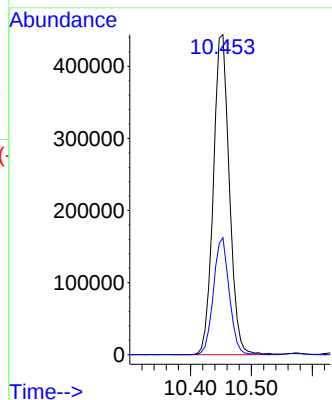
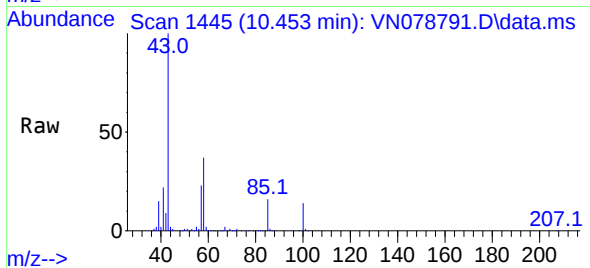




#51
4-Methyl-2-Pentanone
Concen: 222.699 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

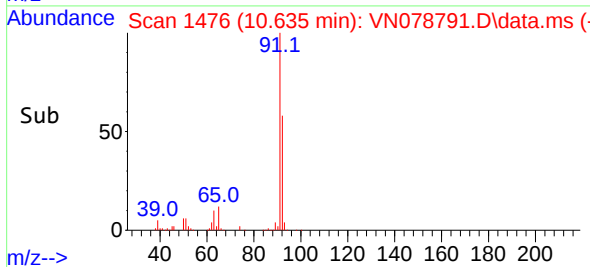
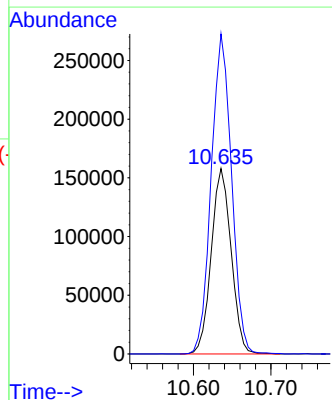
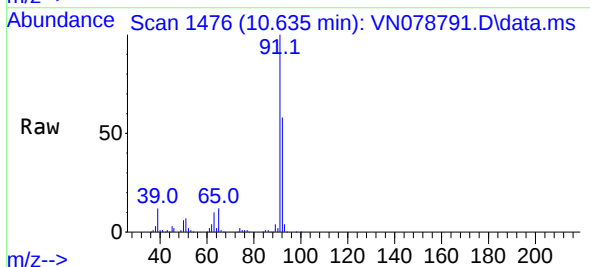
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

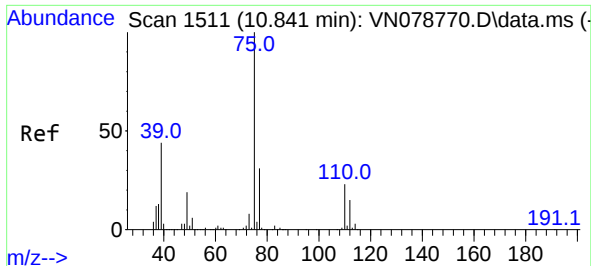
Tgt Ion: 43 Resp: 812269
Ion Ratio Lower Upper
43 100
58 36.0 36.6 54.8#



#52
Toluene
Concen: 46.039 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 92 Resp: 282502
Ion Ratio Lower Upper
92 100
91 176.3 137.4 206.0

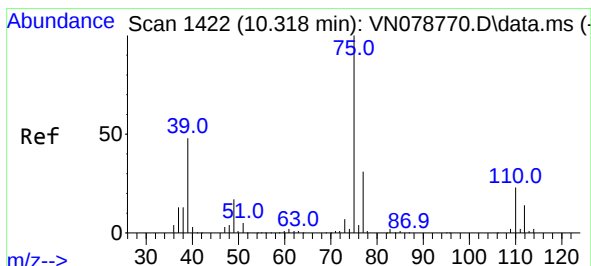
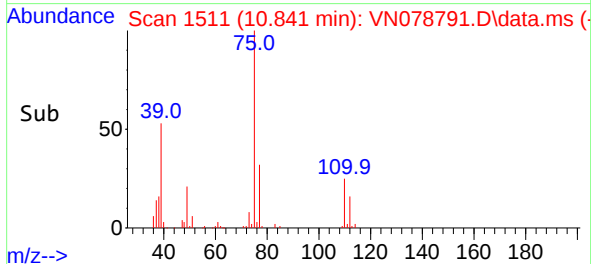
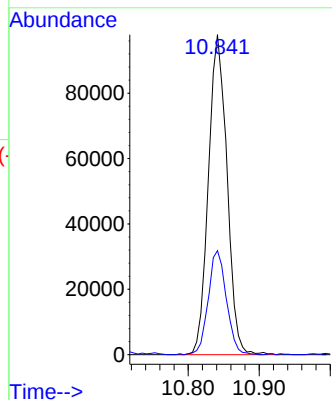
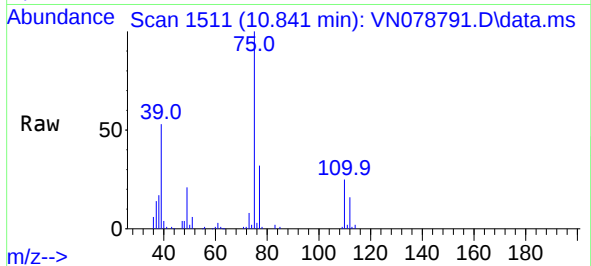




#53
t-1,3-Dichloropropene
Concen: 48.795 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

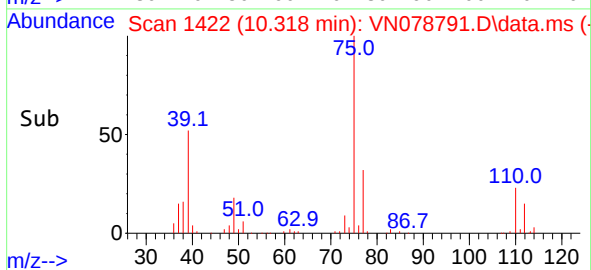
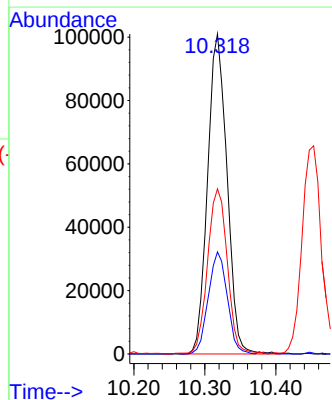
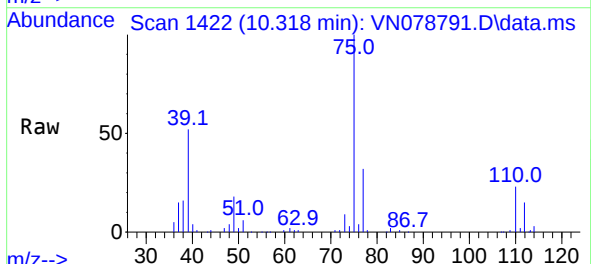
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

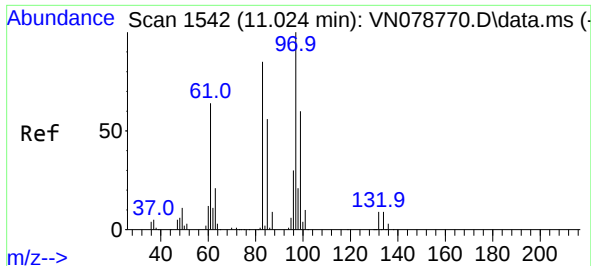
Tgt Ion: 75 Resp: 177894
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 48.383 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 75 Resp: 191638
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 51.4 31.6 47.4#



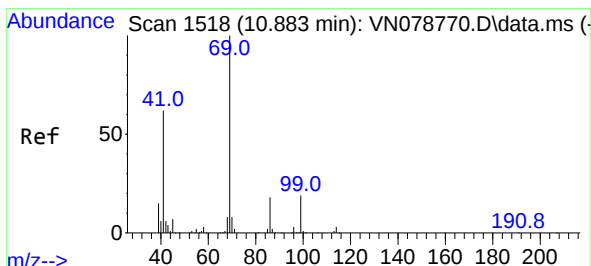
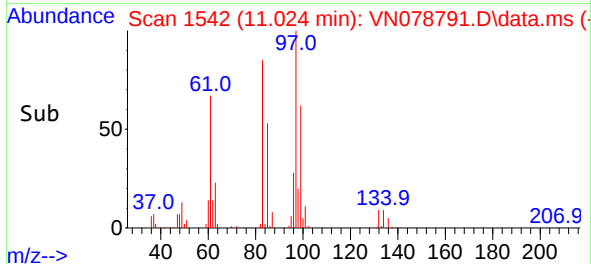
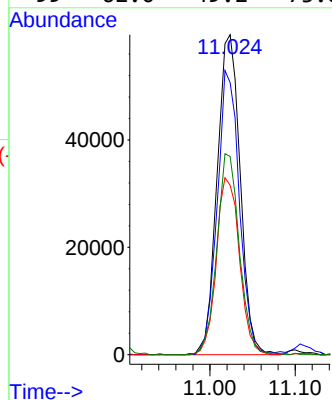
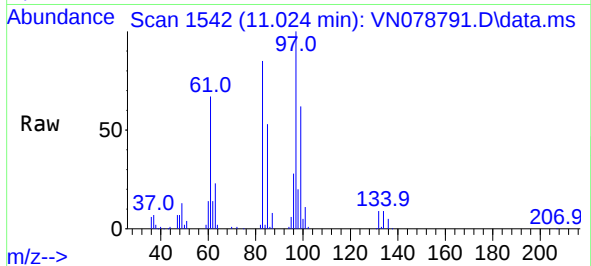


#55
1,1,2-Trichloroethane
Concen: 45.931 ug/l
RT: 11.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 112031

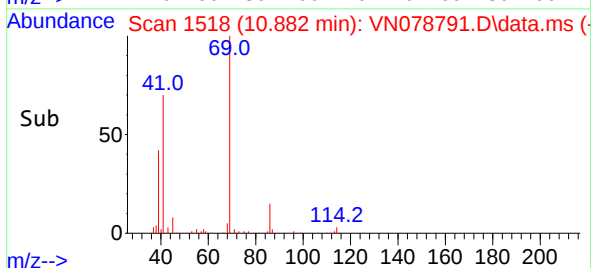
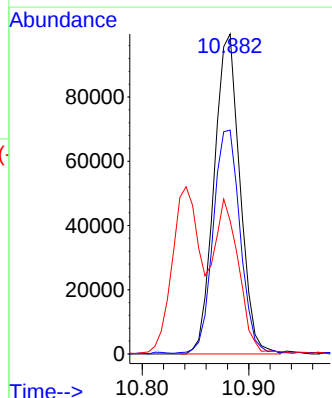
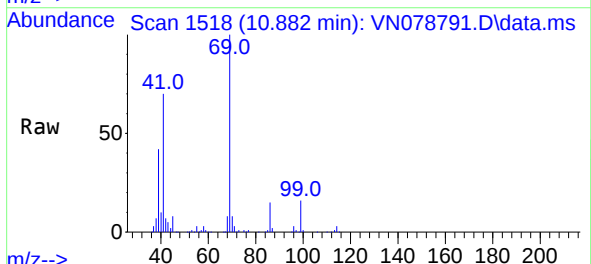
Ion	Ratio	Lower	Upper
97	100		
83	85.0	65.1	97.7
85	53.0	43.4	65.2
99	62.0	49.2	73.8

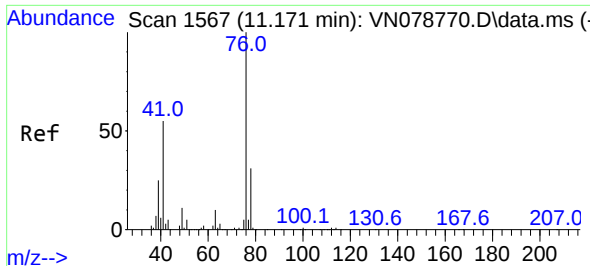


#56
Ethyl methacrylate
Concen: 47.338 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 69 Resp: 167433

Ion	Ratio	Lower	Upper
69	100		
41	72.9	39.6	59.4#
39	46.5	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 45.286 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078791.D

Acq: 08 Aug 2023 10:05

Instrument :

MSVOA_N

ClientSampleId :

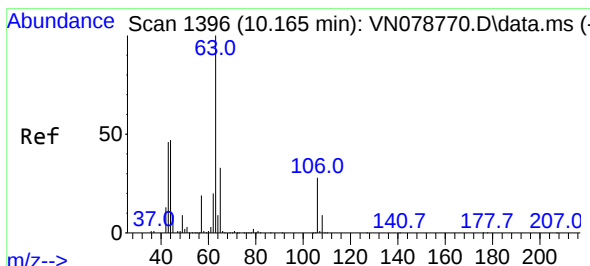
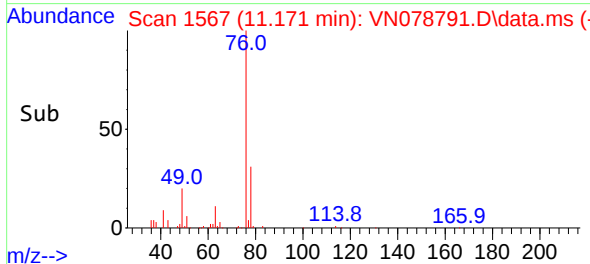
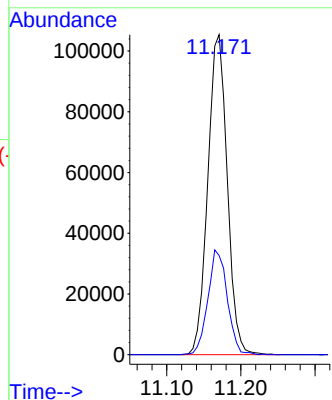
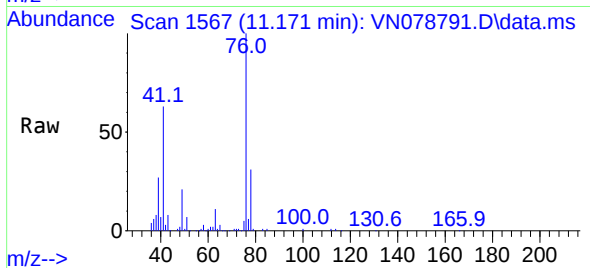
VSTDCCC050

Tgt Ion: 76 Resp: 192037

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 246.449 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078791.D

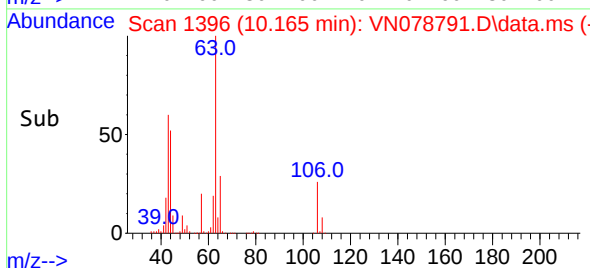
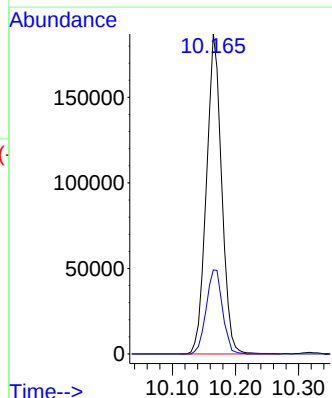
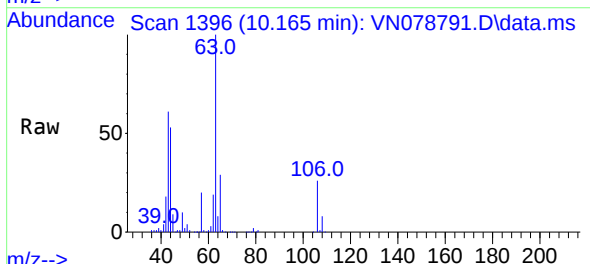
Acq: 08 Aug 2023 10:05

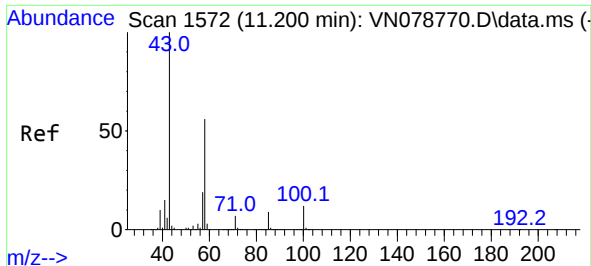
Tgt Ion: 63 Resp: 312940

Ion Ratio Lower Upper

63 100

106 28.0 26.2 39.4

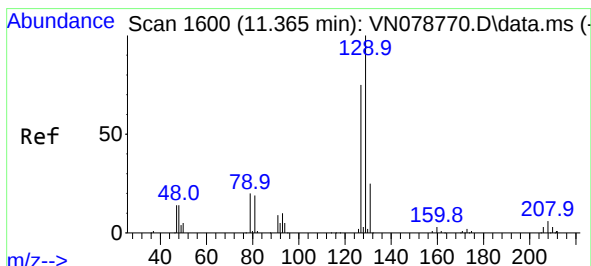
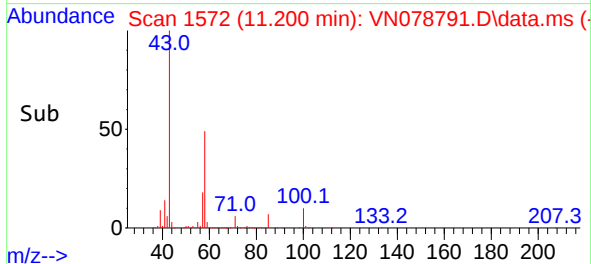
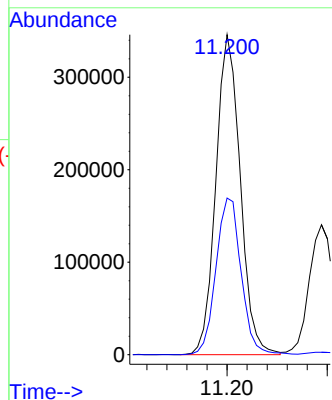
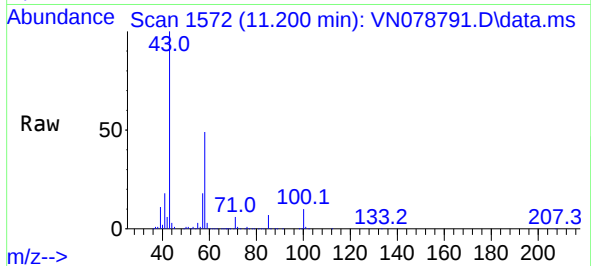




#59
2-Hexanone
Concen: 226.502 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

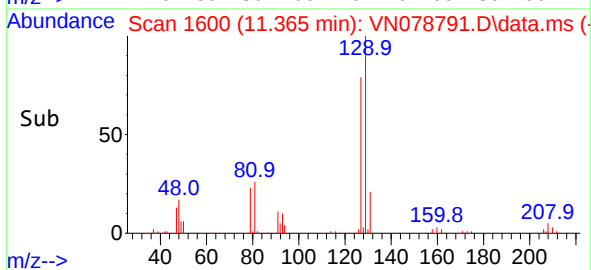
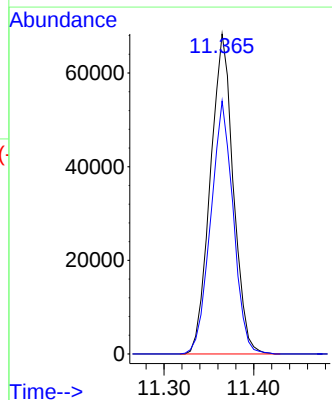
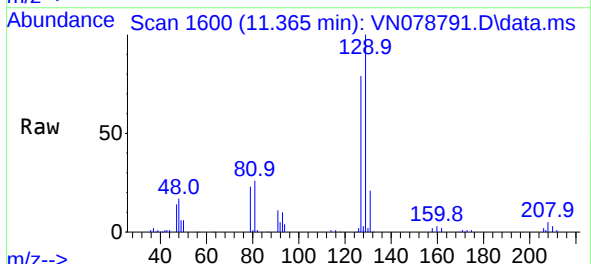
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

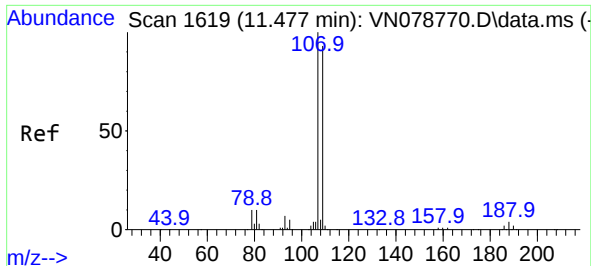
Tgt Ion: 43 Resp: 584977
Ion Ratio Lower Upper
43 100
58 50.4 31.7 95.1



#60
Dibromochloromethane
Concen: 47.422 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion:129 Resp: 121398
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

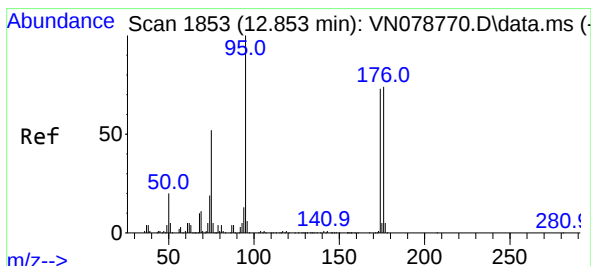
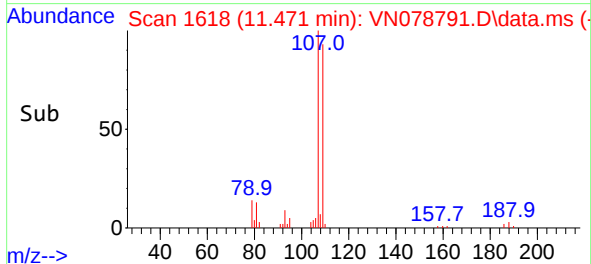
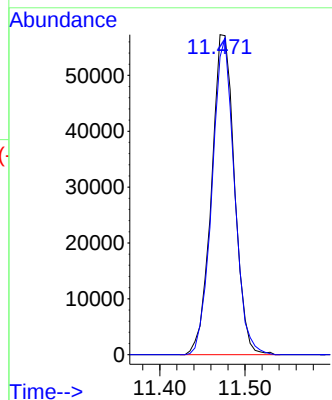
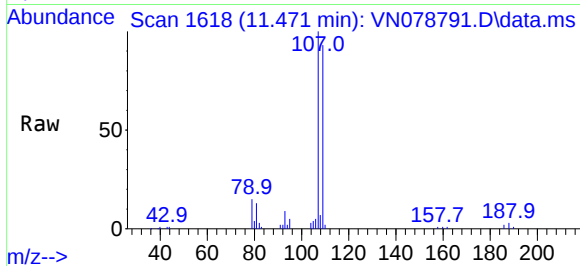




#61
1,2-Dibromoethane
Concen: 44.465 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

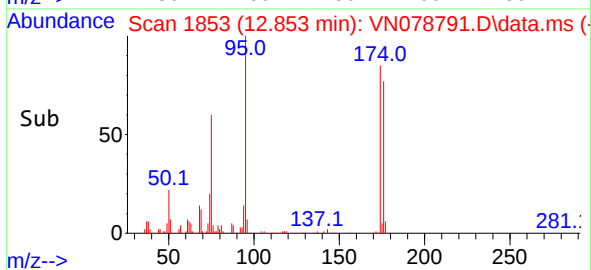
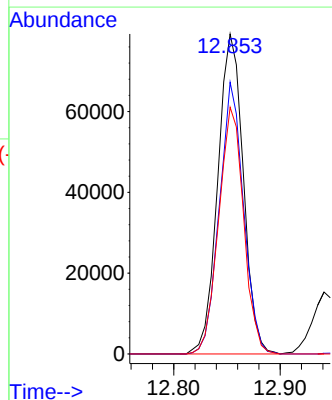
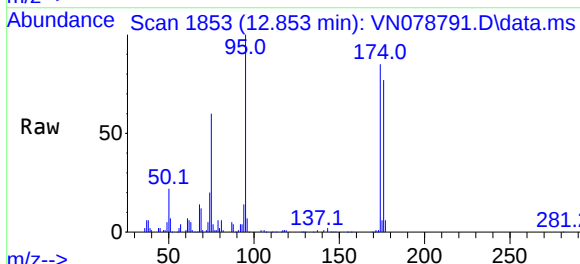
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

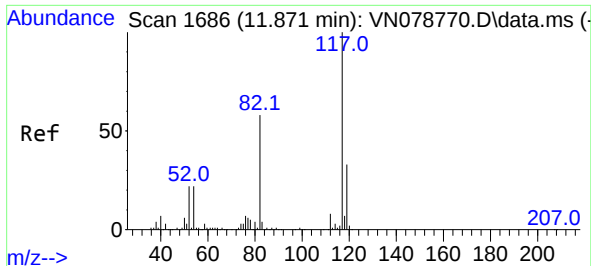
Tgt Ion:107 Resp: 107420
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 55.741 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 95 Resp: 131263
Ion Ratio Lower Upper
95 100
174 80.8 0.0 143.8
176 75.5 0.0 135.8

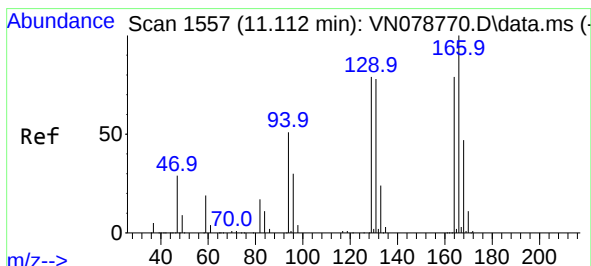
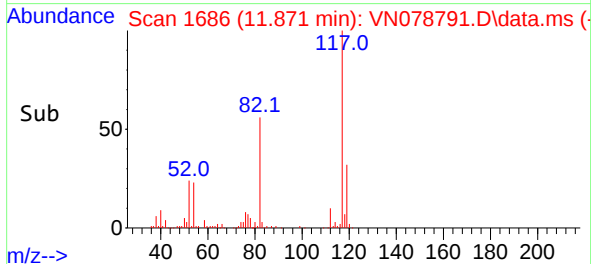
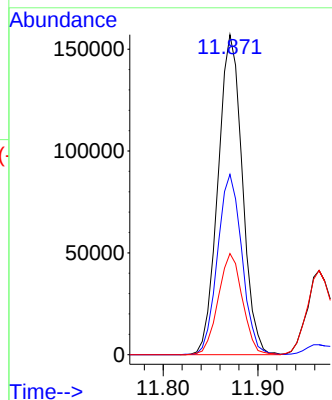
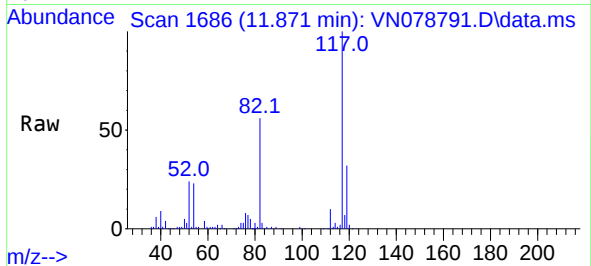




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

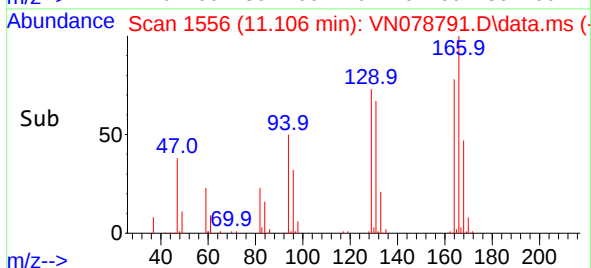
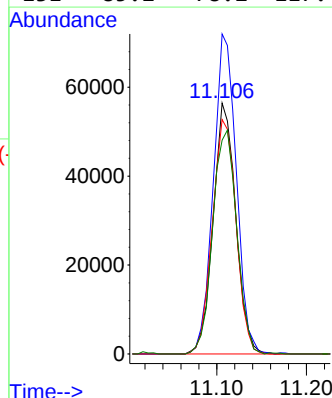
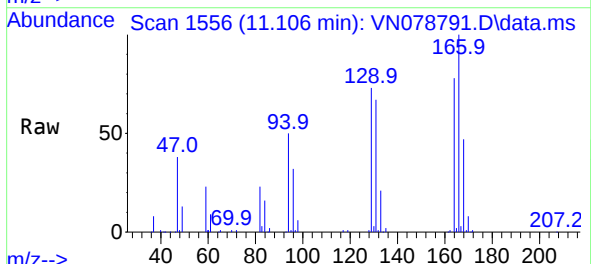
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

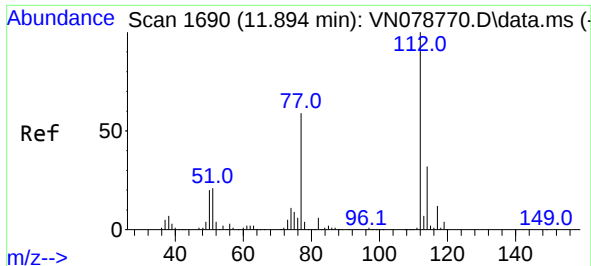
Tgt Ion:117 Resp: 280516
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 45.623 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion:164 Resp: 98609
Ion Ratio Lower Upper
164 100
166 127.6 101.4 152.0
129 93.4 82.4 123.6
131 85.2 78.2 117.4

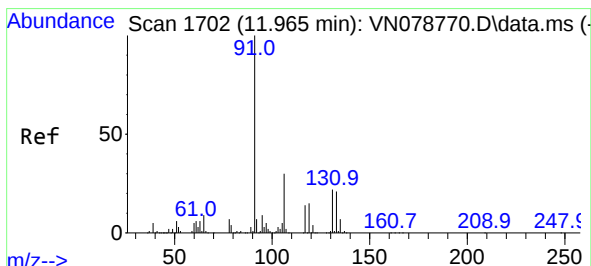
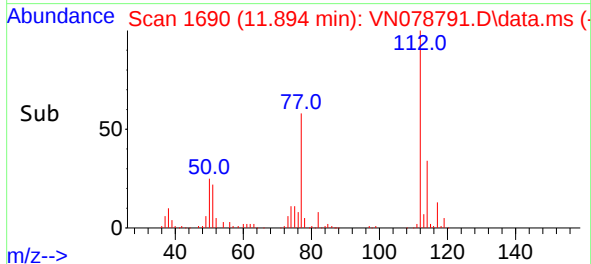
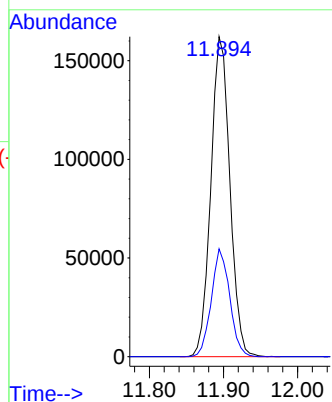
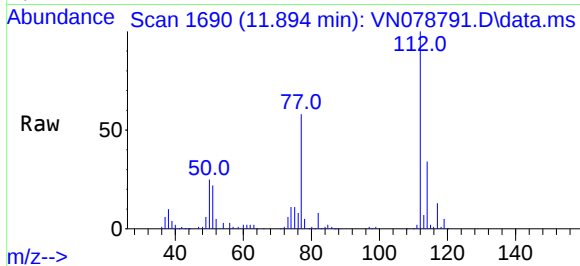




#65
Chlorobenzene
Concen: 45.273 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

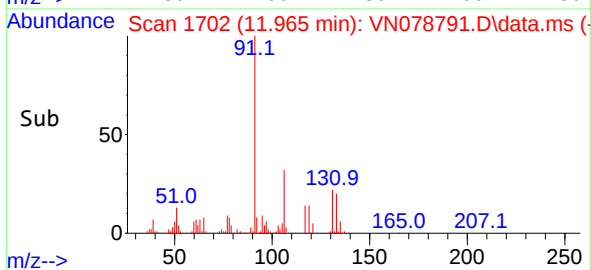
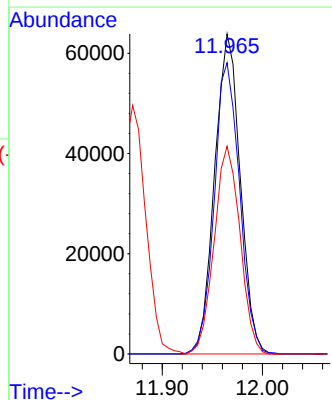
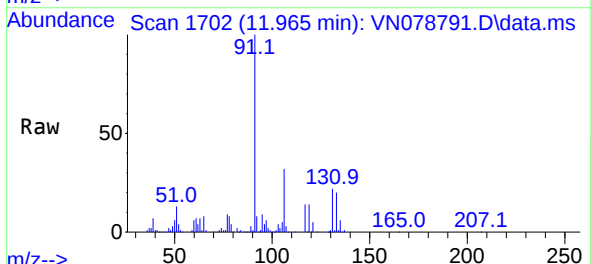
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

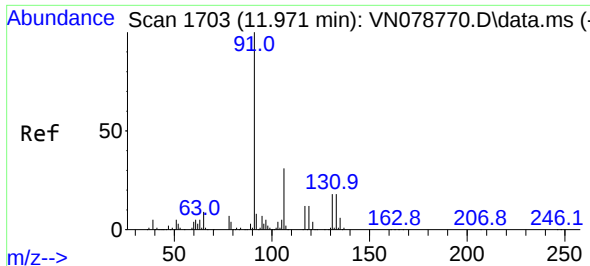
Tgt Ion:112 Resp: 289219
Ion Ratio Lower Upper
112 100
114 33.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 45.671 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion:131 Resp: 113001
Ion Ratio Lower Upper
131 100
133 90.4 46.4 139.1
119 65.6 34.1 102.2

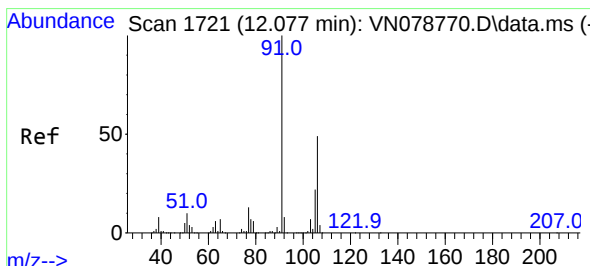
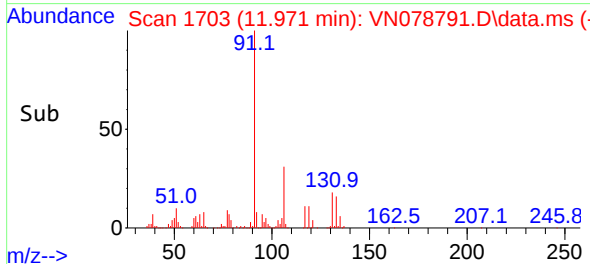
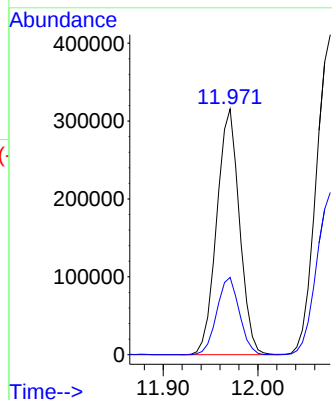
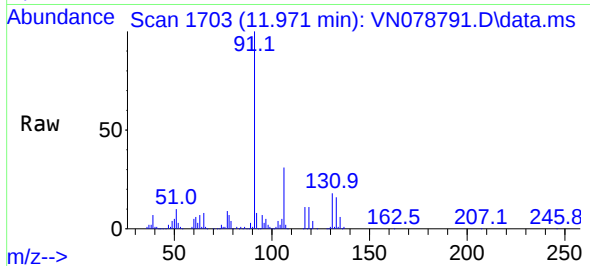




#67
Ethyl Benzene
Concen: 46.240 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

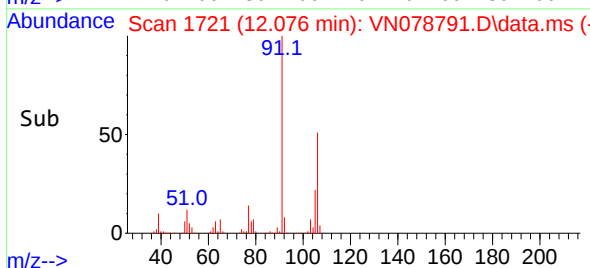
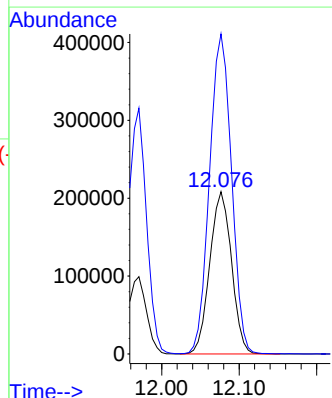
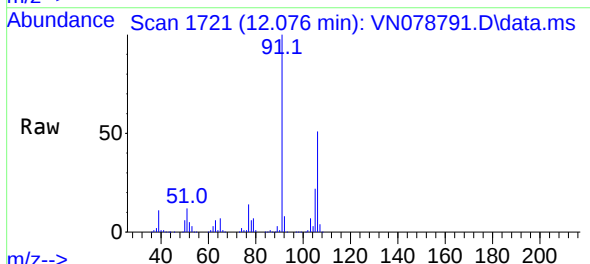
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

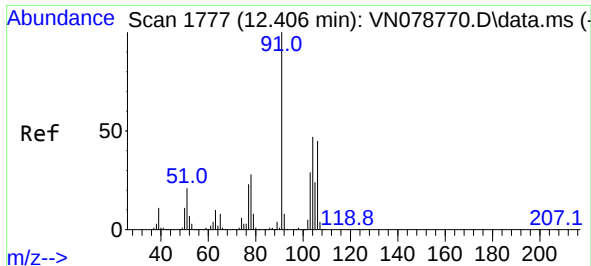
Tgt Ion: 91 Resp: 526158
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4



#68
m/p-Xylenes
Concen: 96.656 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.001 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion:106 Resp: 405766
Ion Ratio Lower Upper
106 100
91 199.8 159.6 239.4

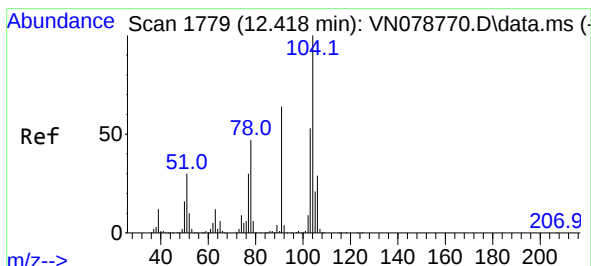
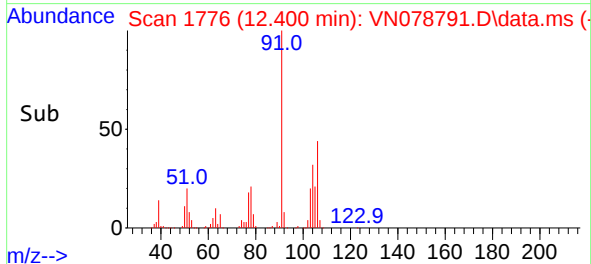
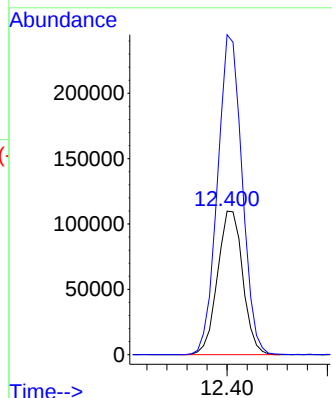
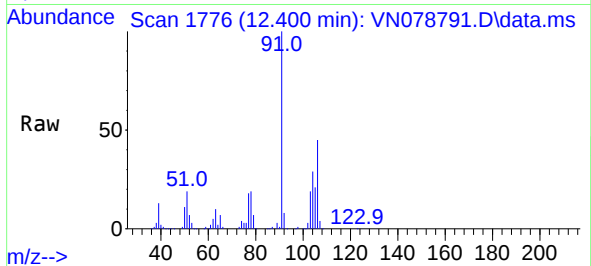




#69
o-Xylene
Concen: 46.503 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

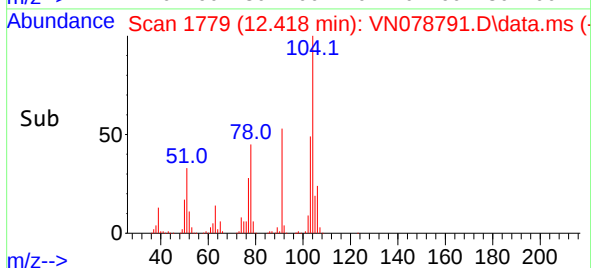
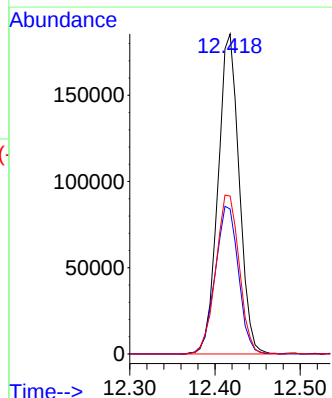
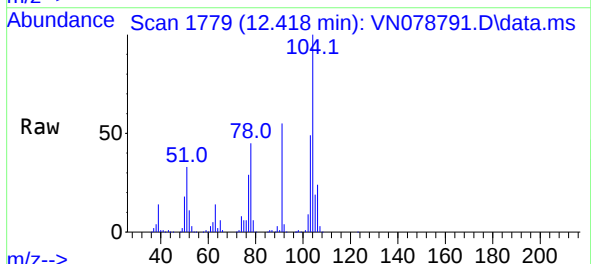
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

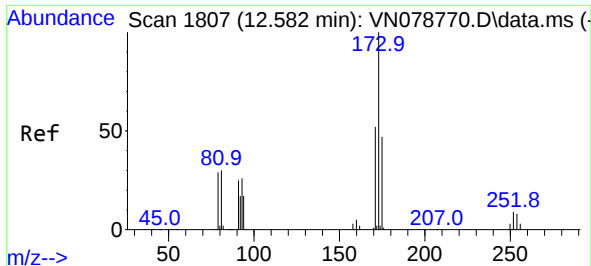
Tgt Ion:106 Resp: 191633
Ion Ratio Lower Upper
106 100
91 217.7 105.2 315.5



#70
Styrene
Concen: 49.535 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion:104 Resp: 320367
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 54.9 43.2 64.8

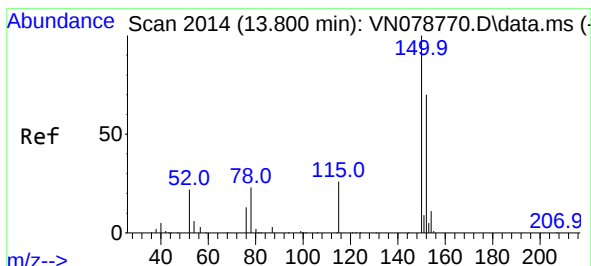
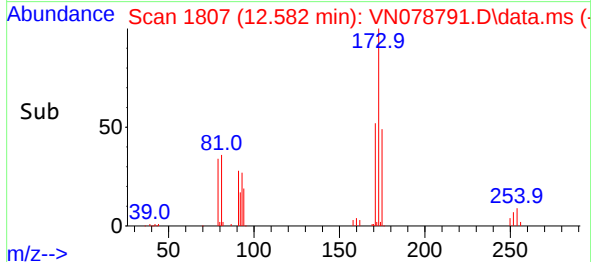
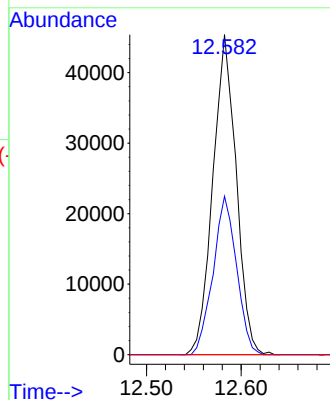
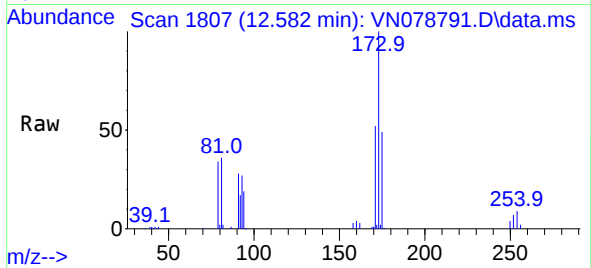




#71
Bromoform
Concen: 45.126 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

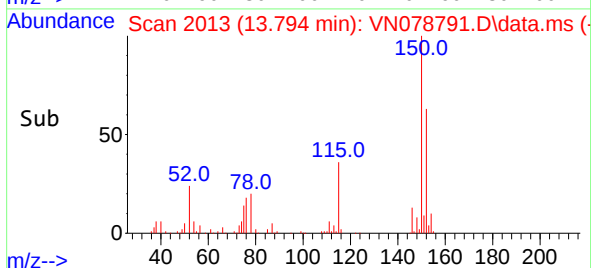
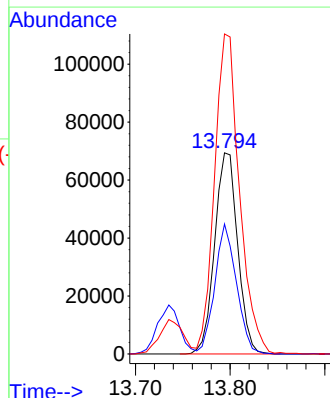
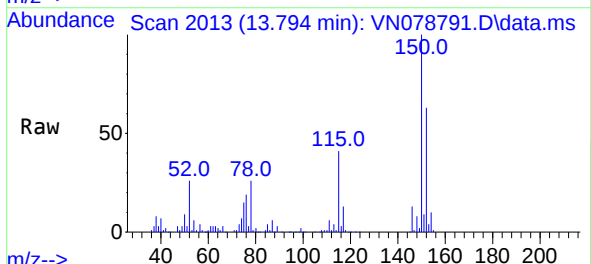
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

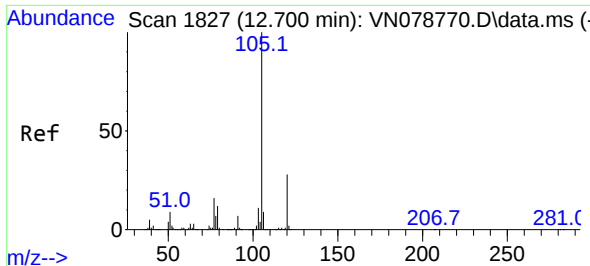
Tgt Ion:173 Resp: 77877
Ion Ratio Lower Upper
173 100
175 49.7 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

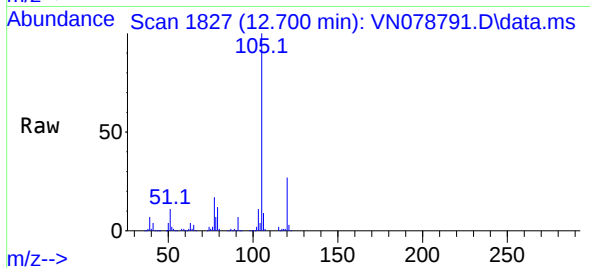
Tgt Ion:152 Resp: 117216
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 172.4 0.0 355.8



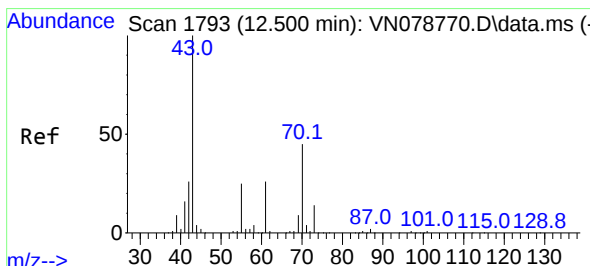
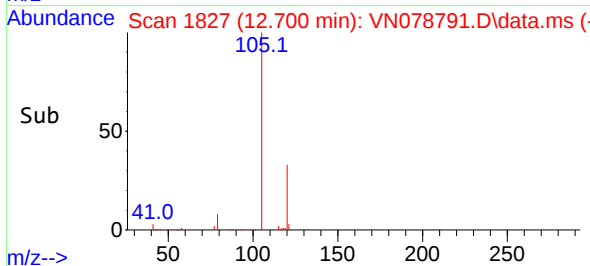
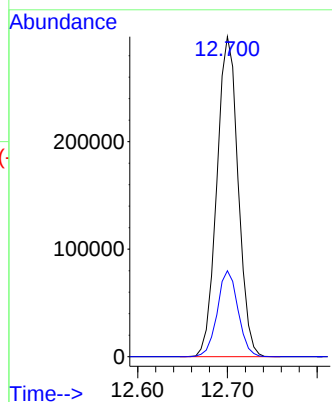


#73
Isopropylbenzene
Concen: 42.368 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

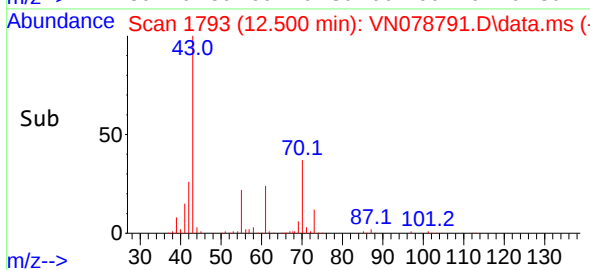
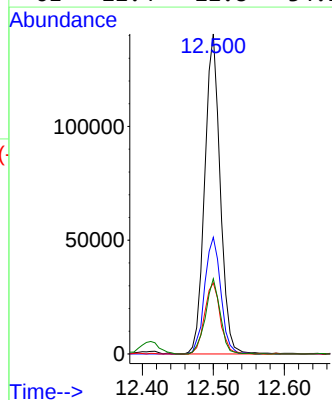
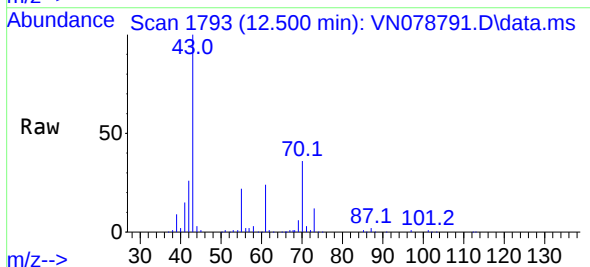


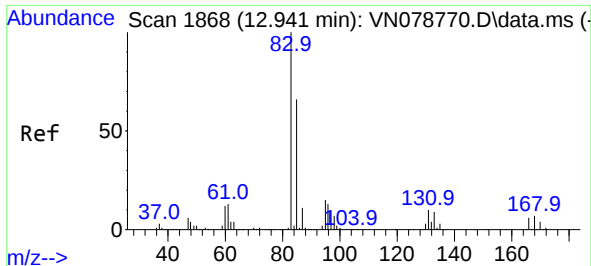
Tgt Ion:105 Resp: 488773
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 40.871 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 43 Resp: 213886
Ion Ratio Lower Upper
43 100
70 38.1 43.4 65.2#
55 22.7 21.4 32.0
61 22.4 22.8 34.2#

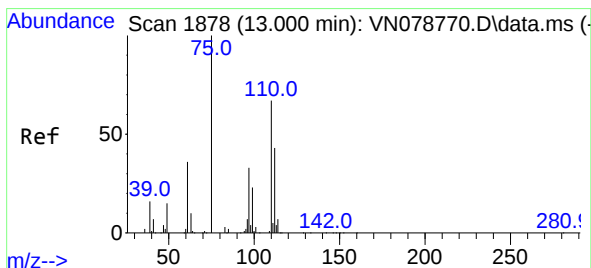
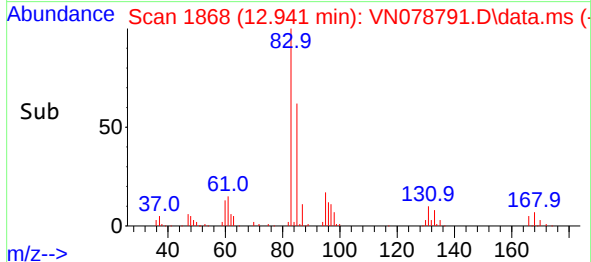
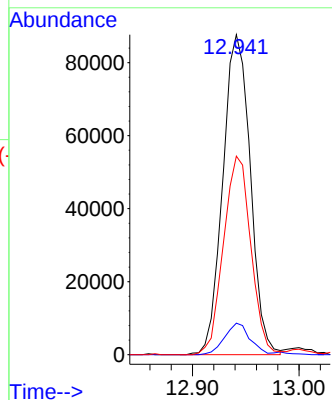
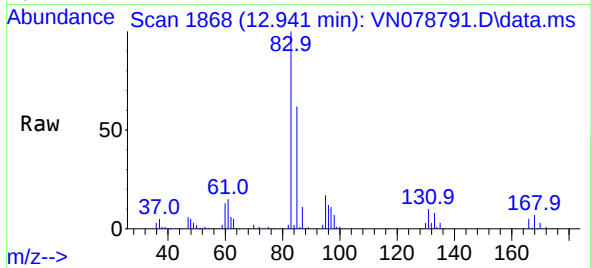




#75
1,1,2,2-Tetrachloroethane
Concen: 40.092 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

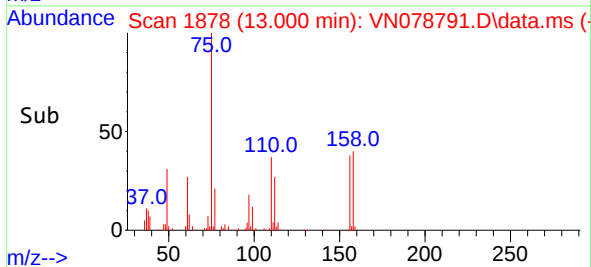
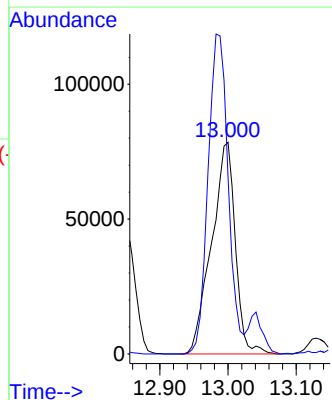
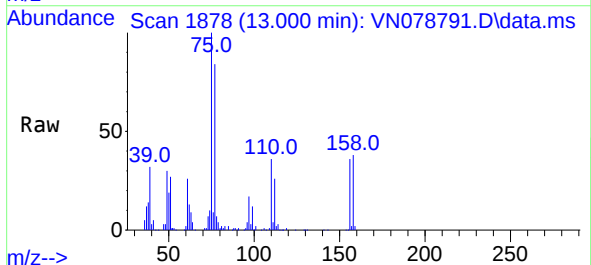
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

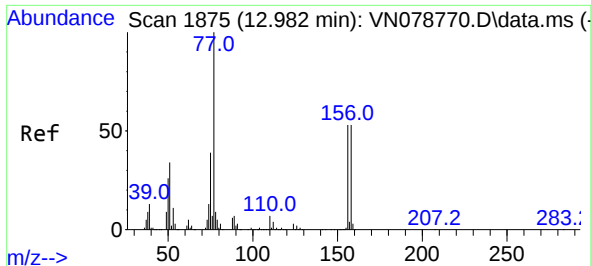
Tgt Ion: 83 Resp: 157182
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 61.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 59.941 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 75 Resp: 189962
Ion Ratio Lower Upper
75 100
77 128.3 84.5 253.5

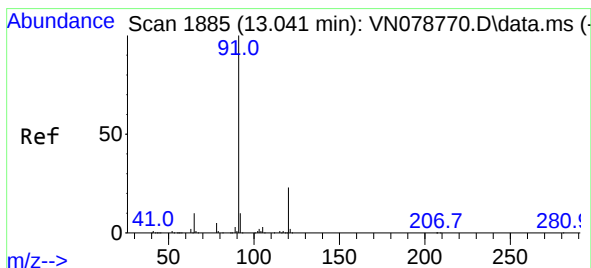
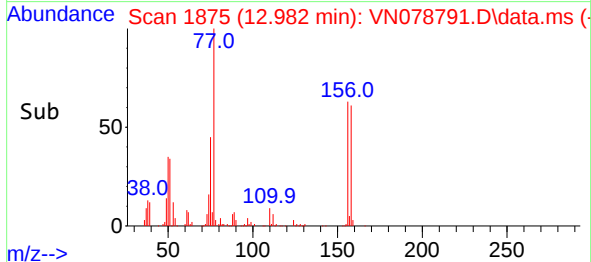
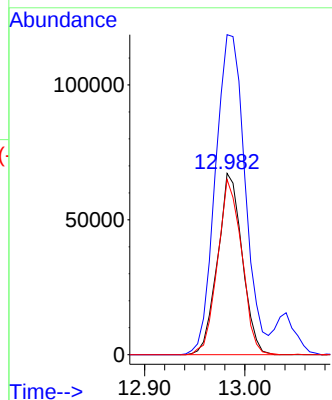
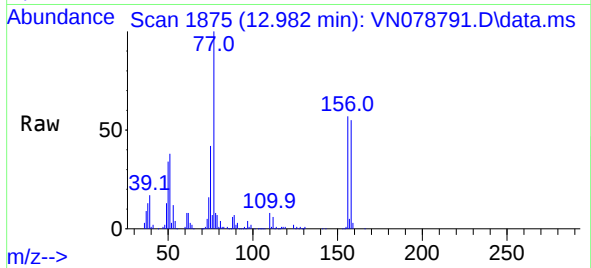




#77
Bromobenzene
Concen: 42.220 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

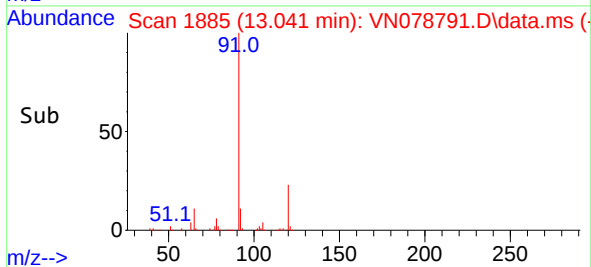
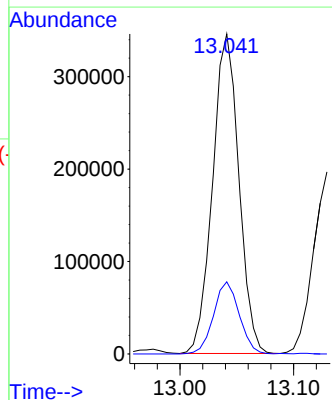
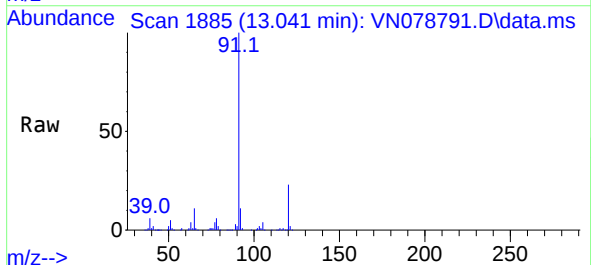
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

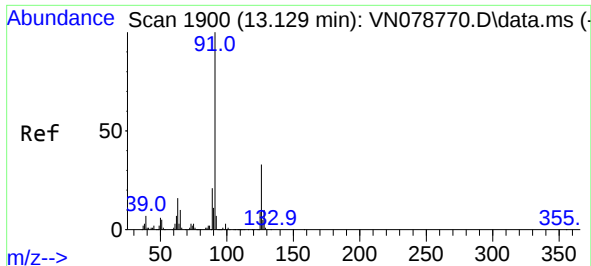
Tgt Ion:156 Resp: 114284
Ion Ratio Lower Upper
156 100
77 213.3 107.7 323.3
158 94.9 48.4 145.3



#78
n-propylbenzene
Concen: 43.811 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 91 Resp: 555507
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4

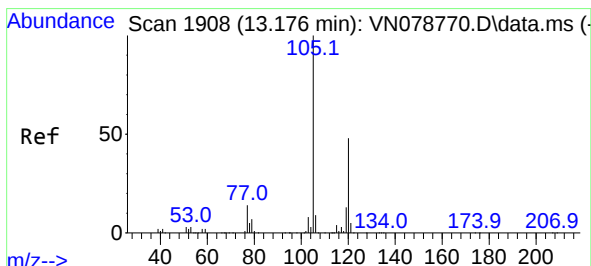
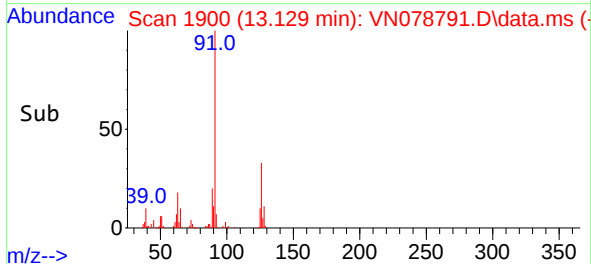
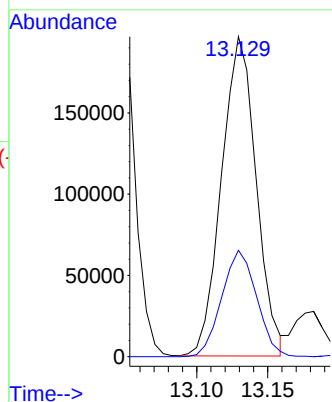
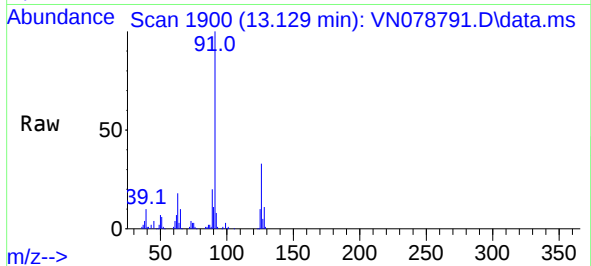




#79
2-Chlorotoluene
Concen: 40.954 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

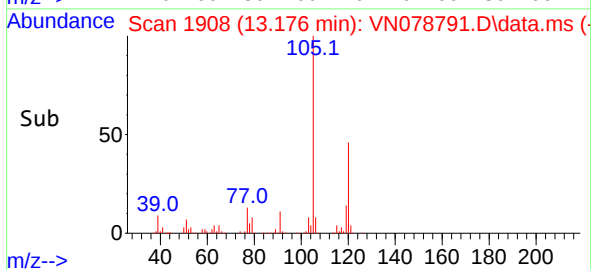
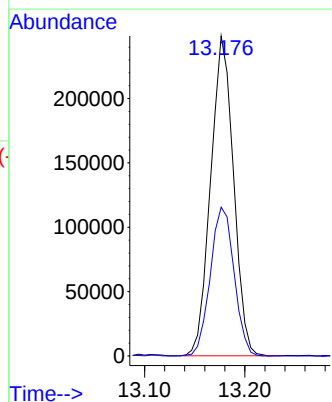
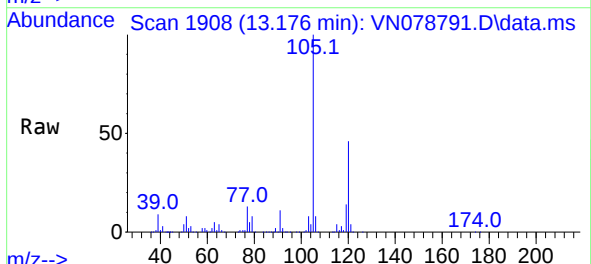
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

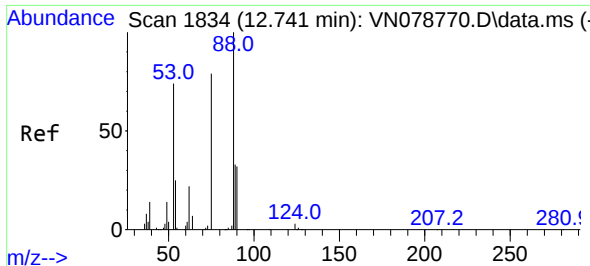
Tgt Ion: 91 Resp: 333618
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 42.537 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion:105 Resp: 393114
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3

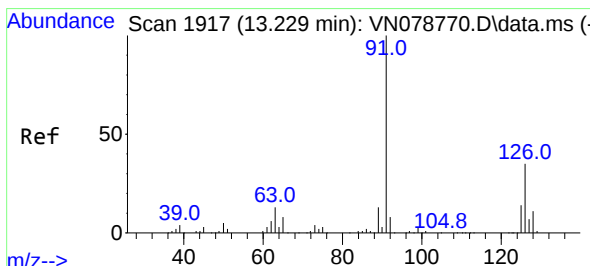
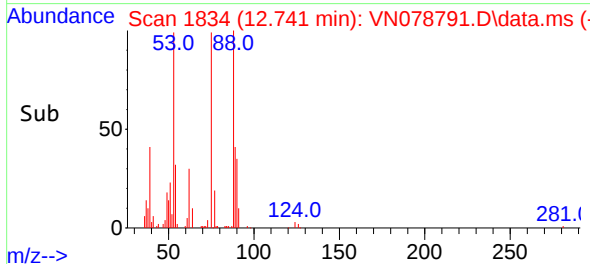
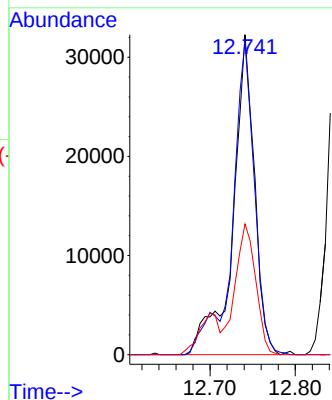
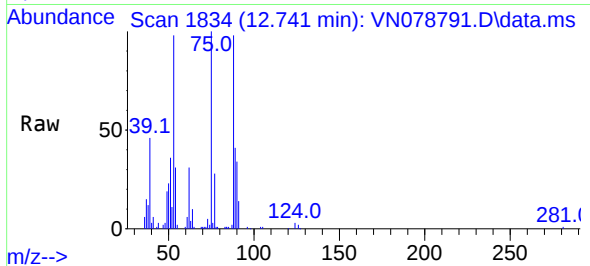




#81
trans-1,4-Dichloro-2-butene
Concen: 48.074 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

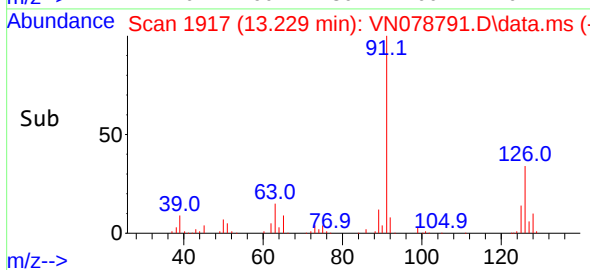
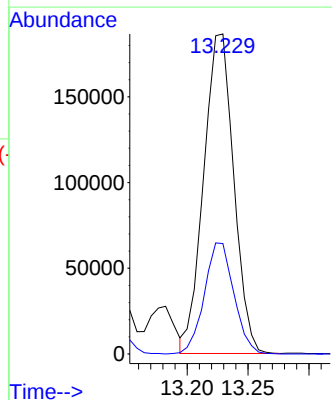
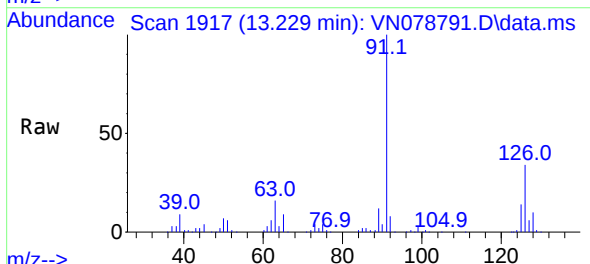
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

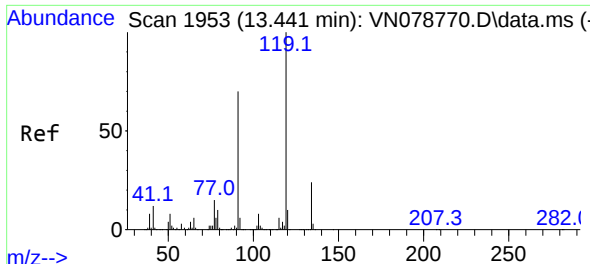
Tgt Ion: 75 Resp: 56777
Ion Ratio Lower Upper
75 100
53 100.3 67.4 101.2
89 39.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 43.112 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 91 Resp: 321279
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0

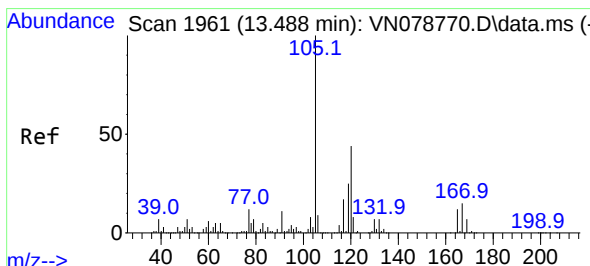
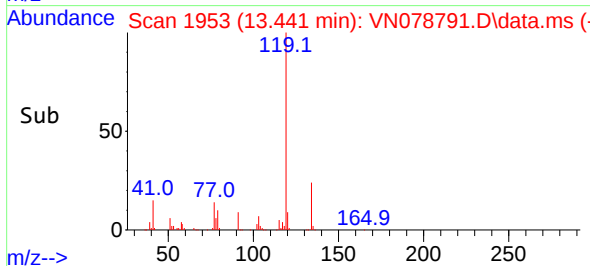
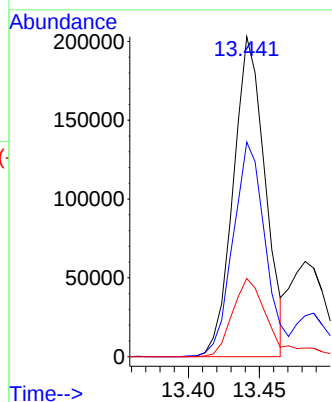
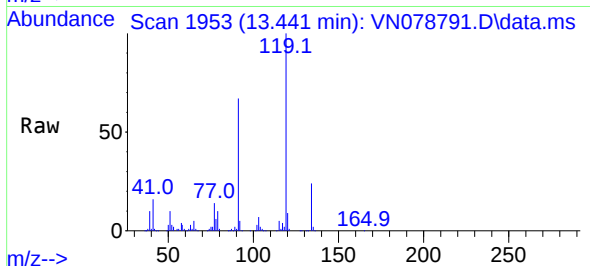




#83
tert-Butylbenzene
Concen: 41.155 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

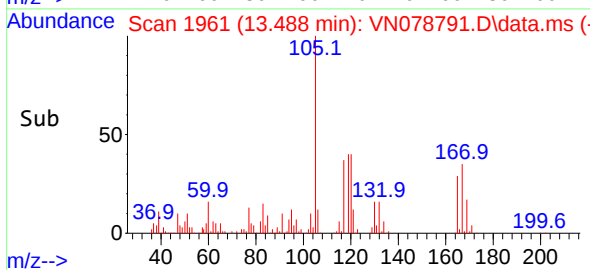
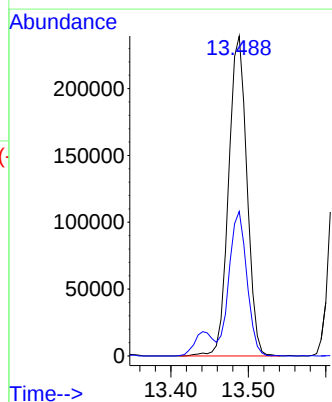
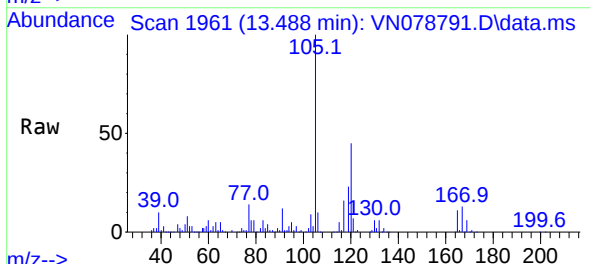
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

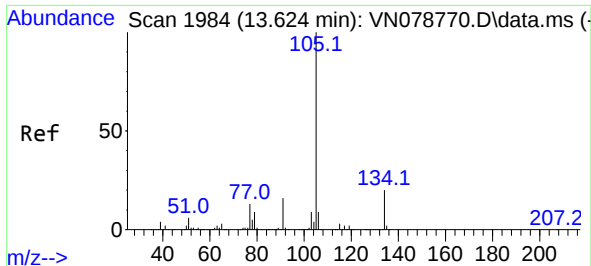
Tgt Ion:119 Resp: 316773
Ion Ratio Lower Upper
119 100
91 68.3 33.9 101.7
134 27.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 44.255 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion:105 Resp: 393060
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0

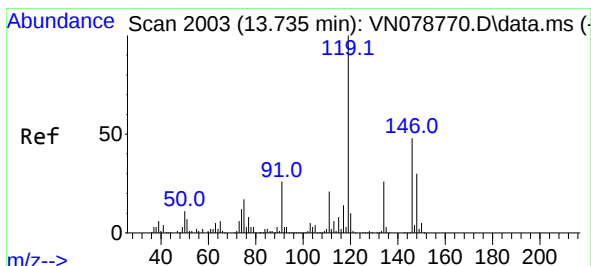
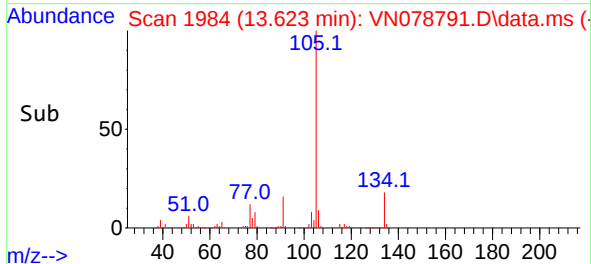
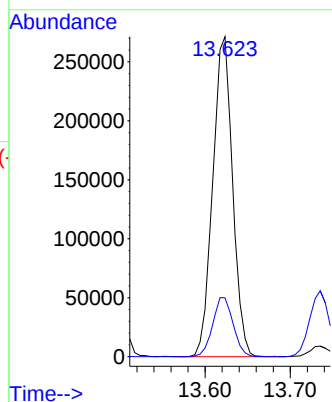
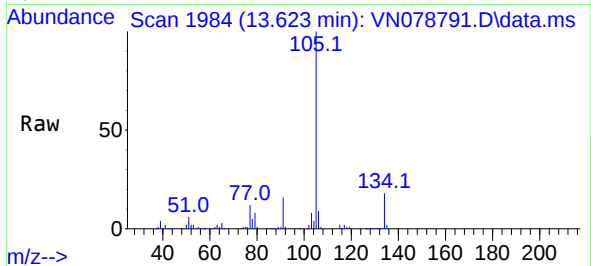




#85
sec-Butylbenzene
Concen: 43.524 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

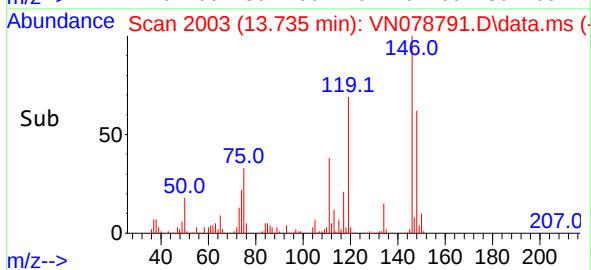
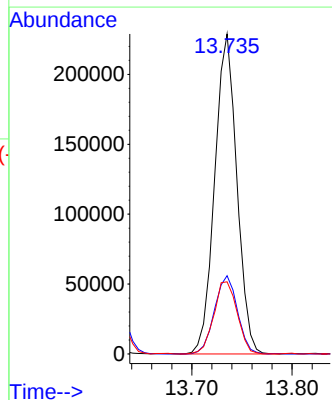
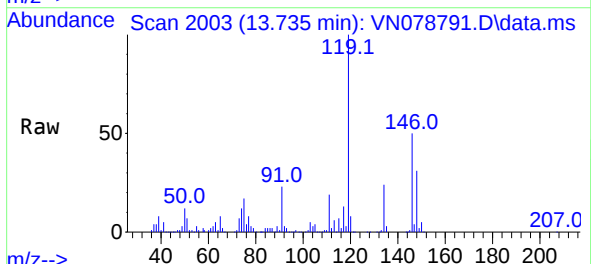
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

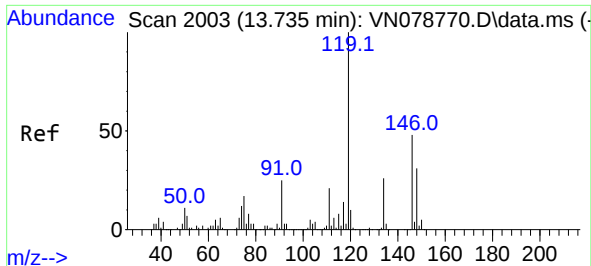
Tgt Ion:105 Resp: 438051
Ion Ratio Lower Upper
105 100
134 19.1 9.8 29.3



#86
p-Isopropyltoluene
Concen: 43.854 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion:119 Resp: 350952
Ion Ratio Lower Upper
119 100
134 25.3 12.6 37.8
91 23.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 44.605 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN078791.D

Acq: 08 Aug 2023 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

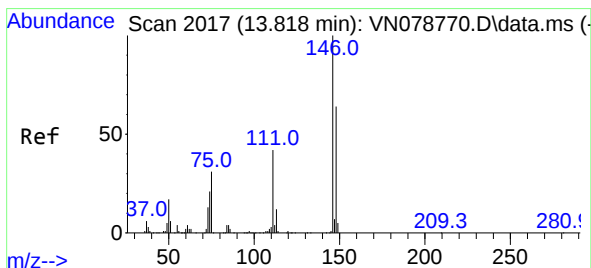
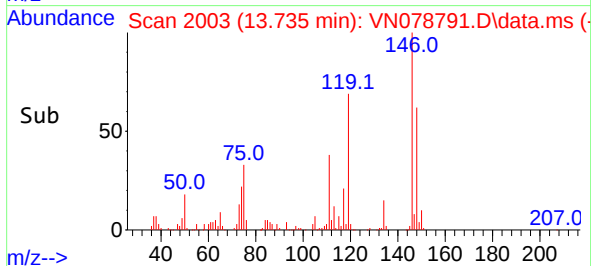
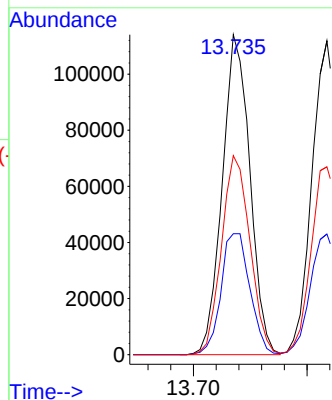
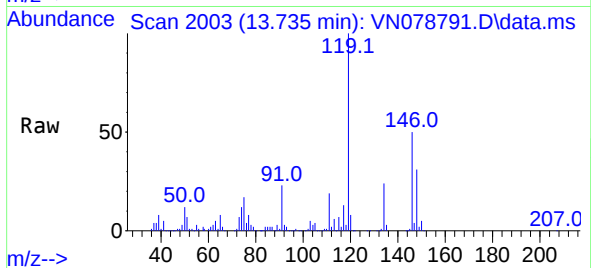
Tgt Ion:146 Resp: 192837

Ion Ratio Lower Upper

146 100

111 39.6 22.1 66.3

148 64.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 44.191 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078791.D

Acq: 08 Aug 2023 10:05

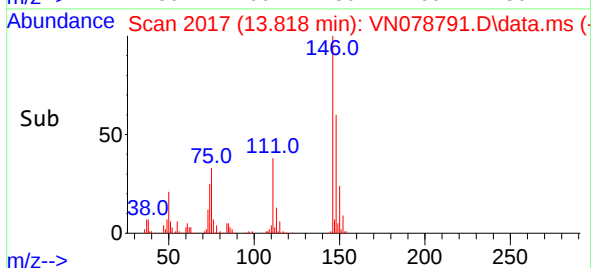
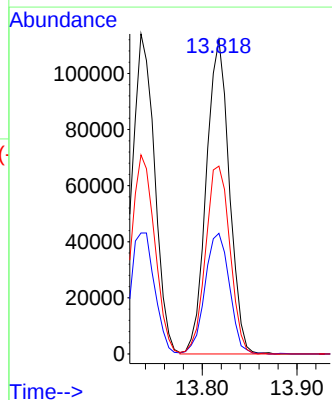
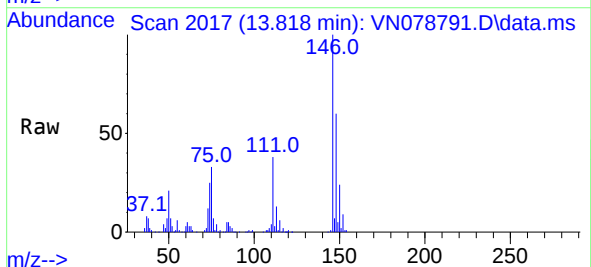
Tgt Ion:146 Resp: 189383

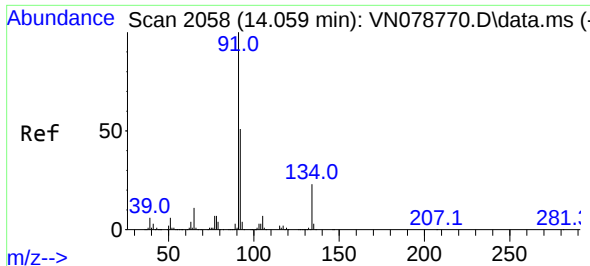
Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.8

148 63.3 31.6 94.8





#89

n-Butylbenzene

Concen: 45.301 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078791.D

Acq: 08 Aug 2023 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

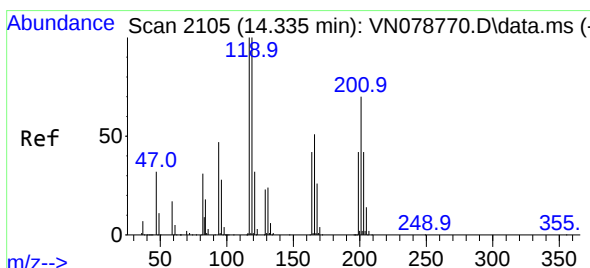
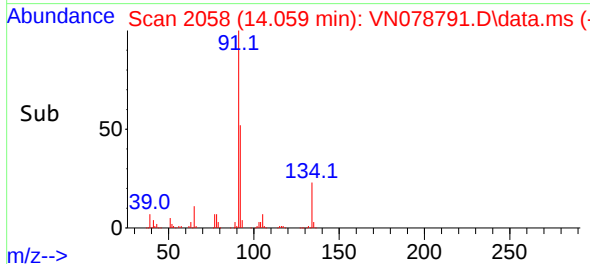
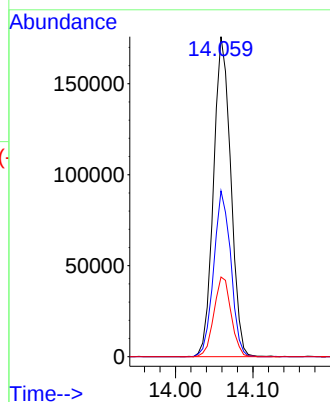
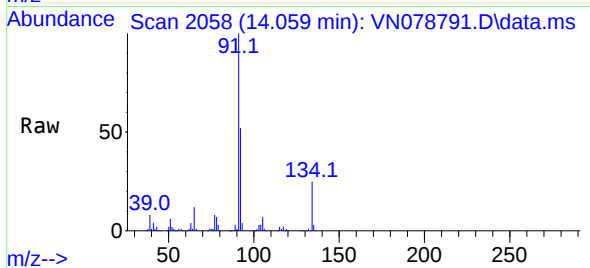
Tgt Ion: 91 Resp: 272015

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.0

134 24.8 12.6 37.6



#90

Hexachloroethane

Concen: 41.993 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN078791.D

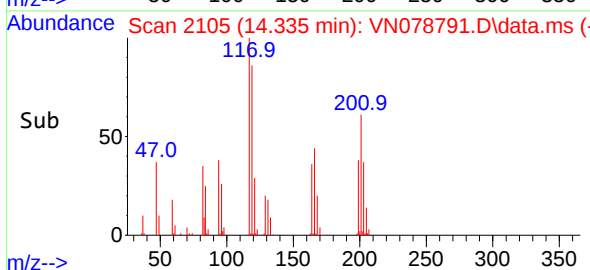
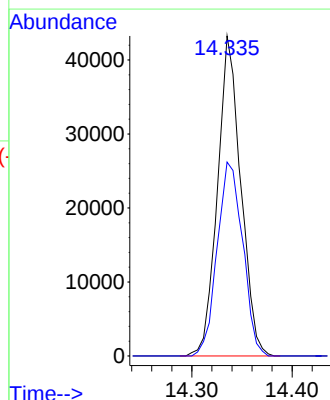
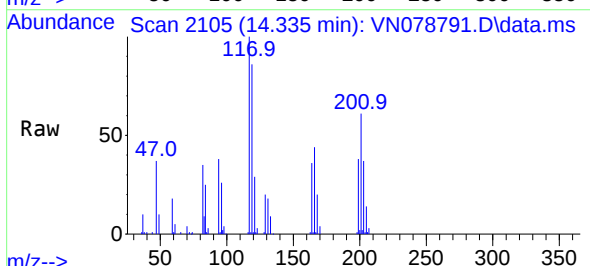
Acq: 08 Aug 2023 10:05

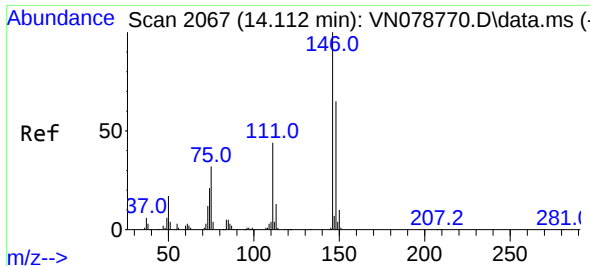
Tgt Ion: 117 Resp: 69652

Ion Ratio Lower Upper

117 100

201 66.3 29.3 88.0

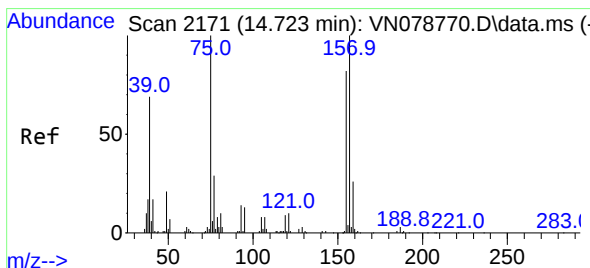
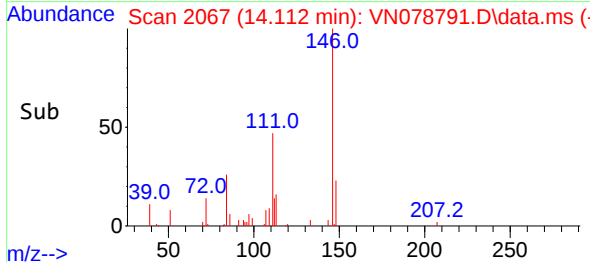
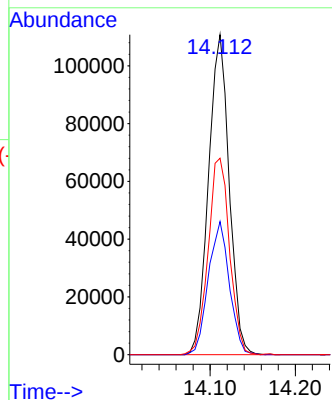
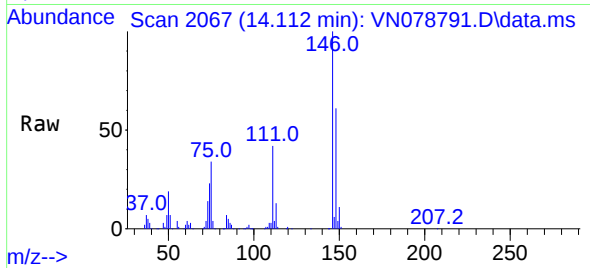




#91
1,2-Dichlorobenzene
Concen: 44.770 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

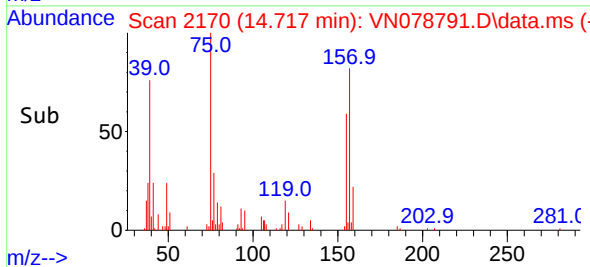
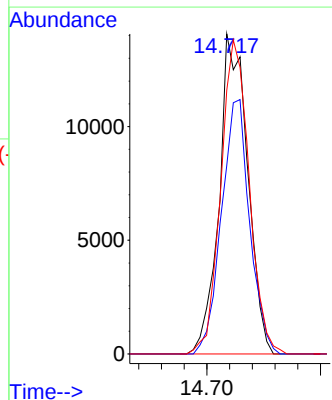
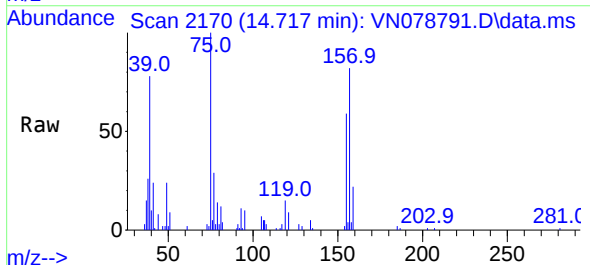
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

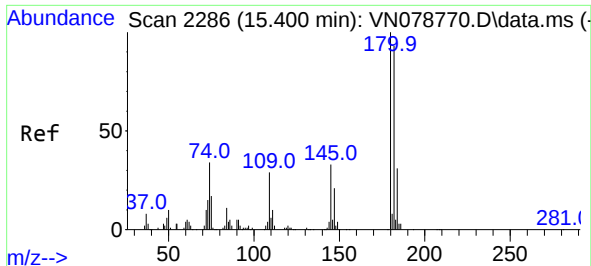
Tgt Ion:146 Resp: 186454
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 63.7 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.695 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion: 75 Resp: 24473
Ion Ratio Lower Upper
75 100
155 78.9 39.1 117.2
157 97.8 50.3 150.9

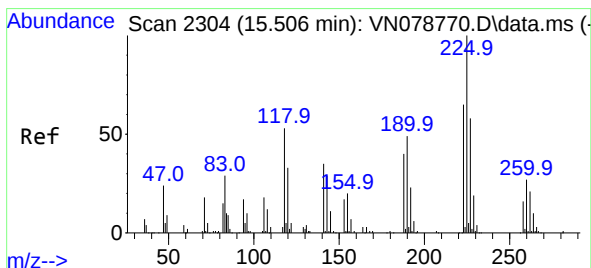
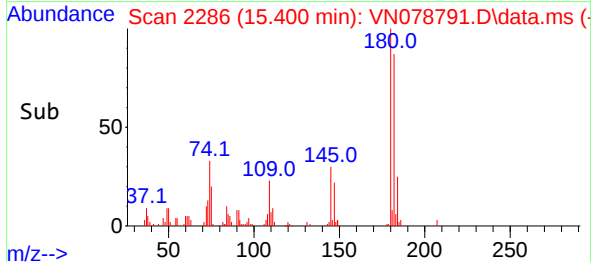
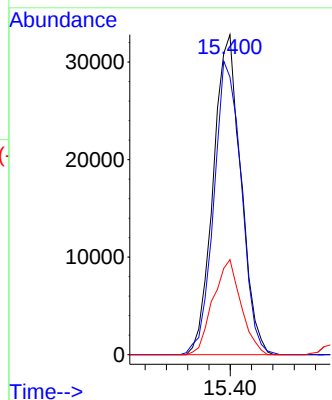
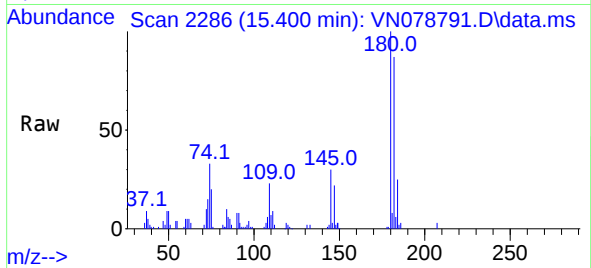




#93
1,2,4-Trichlorobenzene
Concen: 50.566 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

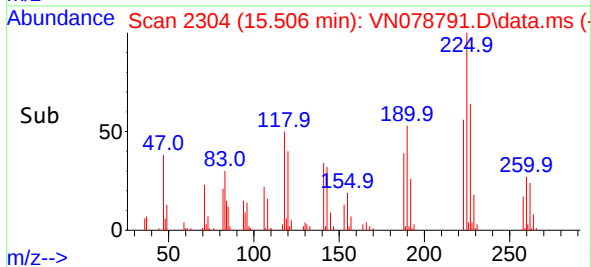
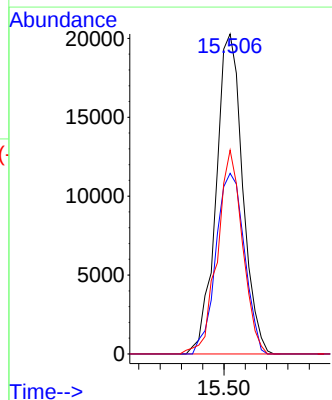
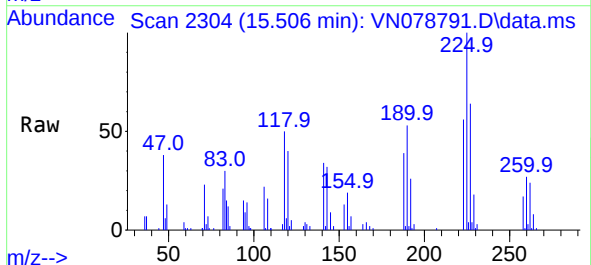
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

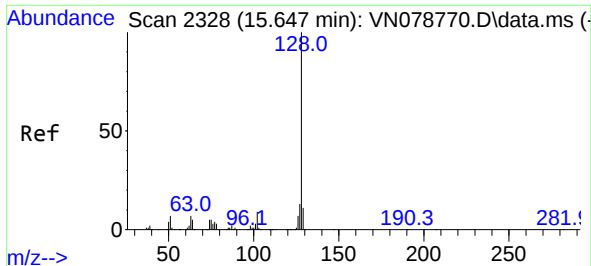
Tgt Ion:180 Resp: 59172
Ion Ratio Lower Upper
180 100
182 91.2 46.1 138.2
145 29.9 16.6 49.8



#94
Hexachlorobutadiene
Concen: 48.758 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion:225 Resp: 35071
Ion Ratio Lower Upper
225 100
223 60.7 31.3 93.8
227 60.3 31.9 95.9



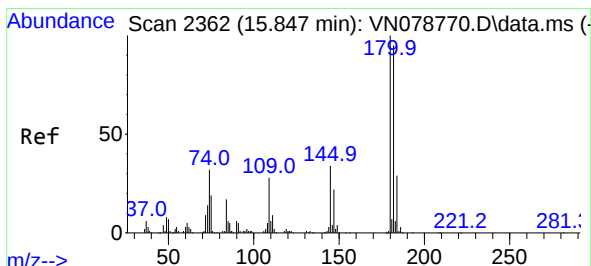
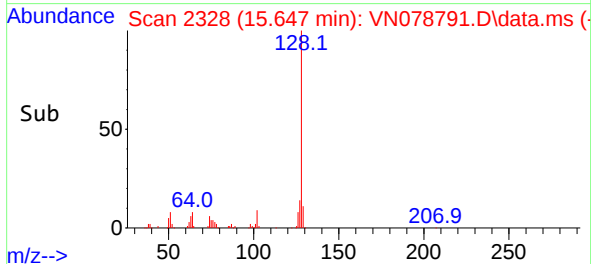
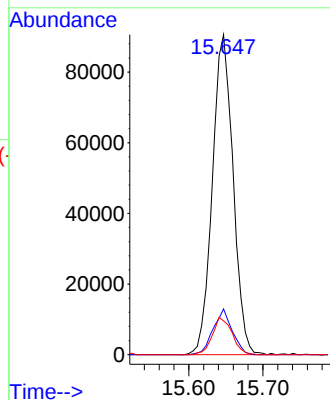
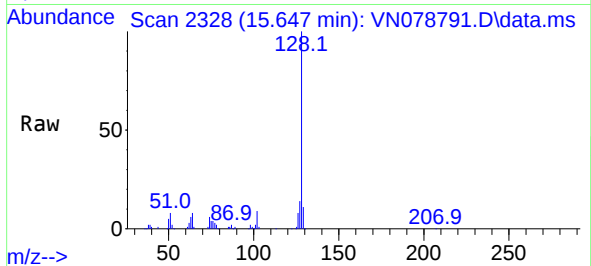


#95
Naphthalene
Concen: 45.068 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 176034

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.432 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078791.D
Acq: 08 Aug 2023 10:05

Tgt Ion:180 Resp: 61913

Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.2	138.6
145	33.3	17.5	52.6

