

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077916.D
 Acq On : 25 May 2023 20:49
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 26 04:40:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	390187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	692264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	607974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	255409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	288778	49.464	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.920%
35) Dibromofluoromethane	8.171	113	247930	54.923	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.840%
50) Toluene-d8	10.576	98	906013	52.143	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.859	95	308919	50.340	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	190428	42.884	ug/l	99
3) Chloromethane	2.371	50	229354	48.666	ug/l	98
4) Vinyl Chloride	2.524	62	285464	50.988	ug/l	98
5) Bromomethane	2.953	94	213411	51.540	ug/l	99
6) Chloroethane	3.124	64	206310	51.133	ug/l	96
7) Trichlorofluoromethane	3.500	101	397550	50.952	ug/l	99
8) Diethyl Ether	3.971	74	151654	53.242	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.383	101	204559	47.375	ug/l	97
10) Methyl Iodide	4.600	142	320062	62.154	ug/l	99
11) Tert butyl alcohol	5.530	59	187139	232.261	ug/l	100
12) 1,1-Dichloroethene	4.347	96	216557	52.769	ug/l	94
13) Acrolein	4.189	56	122820	244.379	ug/l	94
14) Allyl chloride	5.030	41	321991	53.409	ug/l	96
15) Acrylonitrile	5.730	53	528737	245.627	ug/l	98
16) Acetone	4.436	43	402268	219.008	ug/l	98
17) Carbon Disulfide	4.724	76	532396	48.147	ug/l	97
18) Methyl Acetate	5.036	43	377126	48.942	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	785498	52.880	ug/l	95
20) Methylene Chloride	5.283	84	266921	56.072	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	247927	53.781	ug/l	92
22) Diisopropyl ether	6.683	45	734638	51.987	ug/l	94
23) Vinyl Acetate	6.612	43	2196270	250.848	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	472895	54.623	ug/l	98
25) 2-Butanone	7.488	43	667539	232.327	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	353479	48.059	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	303539	54.915	ug/l	95
28) Bromochloromethane	7.824	49	189071	50.498	ug/l	91
29) Tetrahydrofuran	7.847	42	441106	234.457	ug/l	85
30) Chloroform	7.977	83	502678	52.783	ug/l	93
31) Cyclohexane	8.265	56	351130	44.251	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	444225	54.864	ug/l	98
36) 1,1-Dichloropropene	8.382	75	356806	54.039	ug/l	97
37) Ethyl Acetate	7.565	43	285563	48.524	ug/l	94
38) Carbon Tetrachloride	8.365	117	385274	57.785	ug/l	95
39) Methylcyclohexane	9.606	83	370937	45.889	ug/l	93
40) Benzene	8.612	78	1107711	56.851	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	149698	47.764	ug/l	94
42) 1,2-Dichloroethane	8.677	62	381006	53.831	ug/l	98
43) Isopropyl Acetate	8.694	43	490264	51.002	ug/l	96
44) Trichloroethene	9.359	130	284626	57.691	ug/l	97
45) 1,2-Dichloropropane	9.629	63	283638	57.071	ug/l	96
46) Dibromomethane	9.712	93	197289	55.476	ug/l	94
47) Bromodichloromethane	9.894	83	392910	57.708	ug/l	100
48) Methyl methacrylate	9.688	41	233538	51.242	ug/l	90
49) 1,4-Dioxane	9.700	88	95346	1107.655	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	1468570	257.020	ug/l	95
52) Toluene	10.635	92	697297	57.486	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	414220	57.451	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	449612	56.587	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	278444	57.813	ug/l	98
56) Ethyl methacrylate	10.882	69	404722	55.576	ug/l	92
57) 1,3-Dichloropropane	11.170	76	469851	56.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	794431	221.748	ug/l	94
59) 2-Hexanone	11.200	43	1030738	243.887	ug/l	94
60) Dibromochloromethane	11.365	129	298628	60.061	ug/l	100
61) 1,2-Dibromoethane	11.476	107	282393	58.773	ug/l	99
64) Tetrachloroethene	11.112	164	263071	61.874	ug/l	99
65) Chlorobenzene	11.900	112	747591	56.721	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	282867	62.025	ug/l	98
67) Ethyl Benzene	11.970	91	1309771	55.453	ug/l	100
68) m/p-Xylenes	12.076	106	1025316	114.565	ug/l	100
69) o-Xylene	12.406	106	505960	57.486	ug/l	98
70) Styrene	12.417	104	807576	57.759	ug/l	98
71) Bromoform	12.588	173	186253	61.393	ug/l #	100
73) Isopropylbenzene	12.700	105	1260634	57.259	ug/l	99
74) N-amyl acetate	12.500	43	413570	50.820	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	361282	53.341	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	449016	70.199	ug/l	74
77) Bromobenzene	12.988	156	287090	57.140	ug/l	96
78) n-propylbenzene	13.041	91	1407039	54.209	ug/l	99
79) 2-Chlorotoluene	13.135	91	877998	56.688	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1052907	56.902	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	102662	51.304	ug/l	95
82) 4-Chlorotoluene	13.229	91	845050	54.837	ug/l	98
83) tert-Butylbenzene	13.447	119	876223	54.243	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1053591	57.895	ug/l	97
85) sec-Butylbenzene	13.623	105	1167812	50.869	ug/l	99
86) p-Isopropyltoluene	13.735	119	986345	53.892	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	500980	53.917	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	492607	53.426	ug/l	100
89) n-Butylbenzene	14.064	91	792425	47.073	ug/l	98
90) Hexachloroethane	14.341	117	163623	54.420	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	505108	58.190	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	62672	47.794	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	214323	42.252	ug/l	98
94) Hexachlorobutadiene	15.511	225	88004	41.785	ug/l	99
95) Naphthalene	15.647	128	707689	40.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	220037	44.304	ug/l	98

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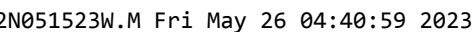
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

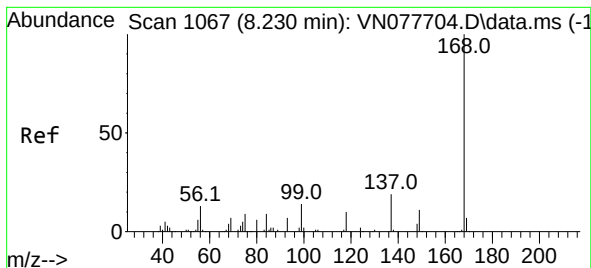
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. -0.001 min

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ClientSampleId :

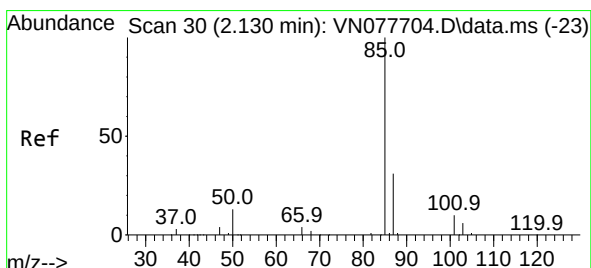
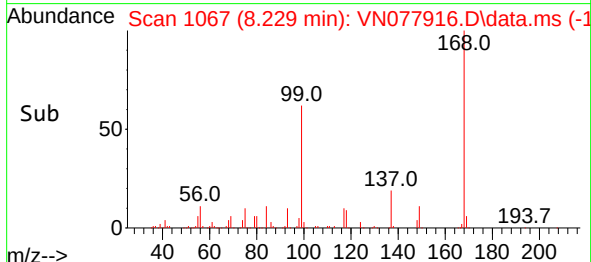
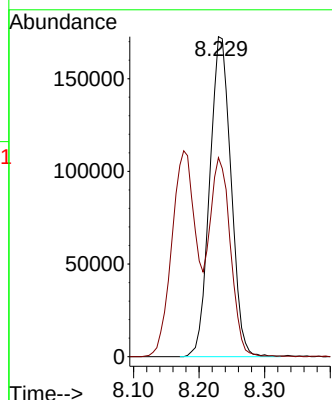
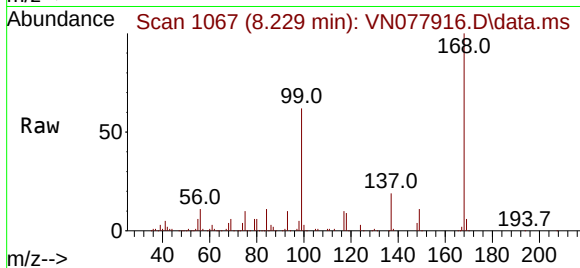
VSTDCCC050EC

Tgt Ion:168 Resp: 390187

Ion Ratio Lower Upper

168 100

99 62.0 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 42.884 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN077916.D

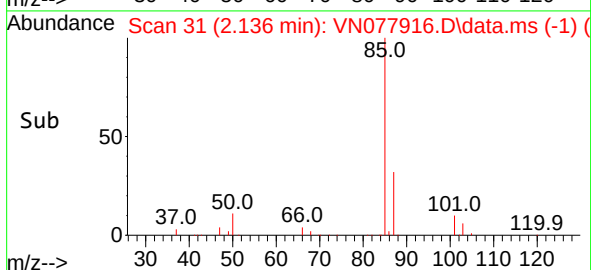
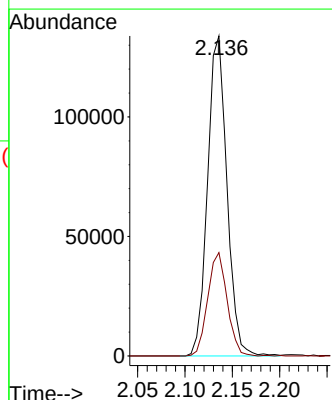
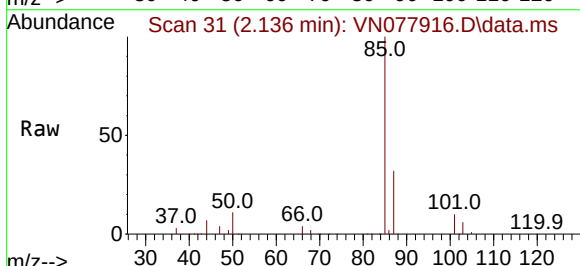
Acq: 25 May 2023 20:49

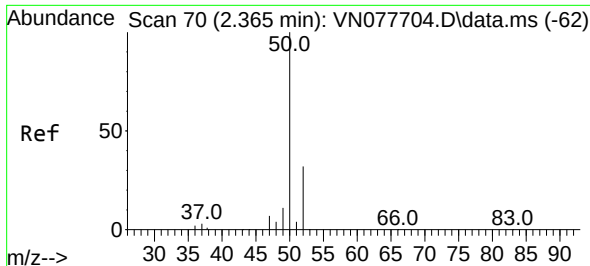
Tgt Ion: 85 Resp: 190428

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.4

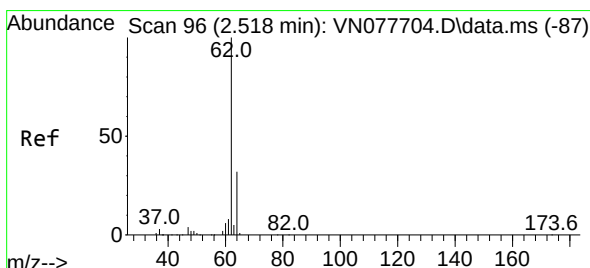
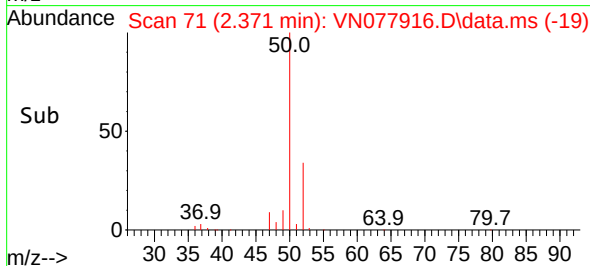
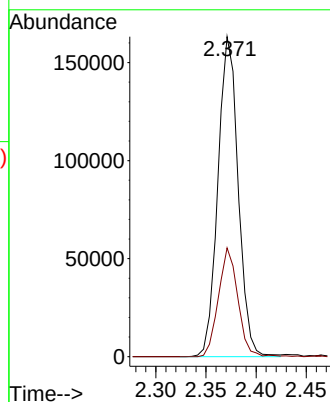
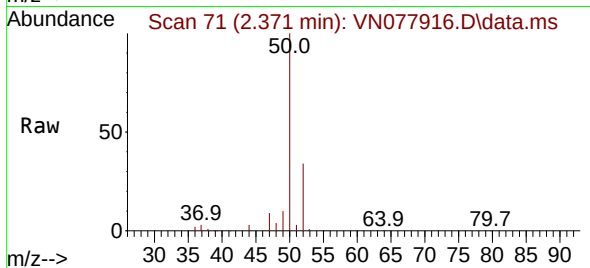




#3
Chloromethane
Concen: 48.666 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

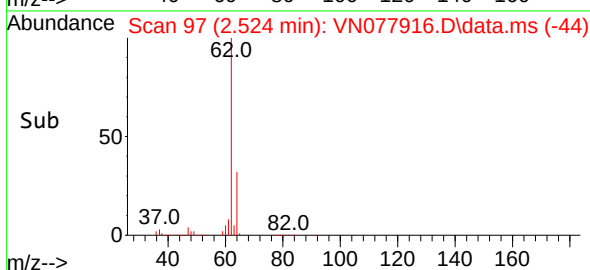
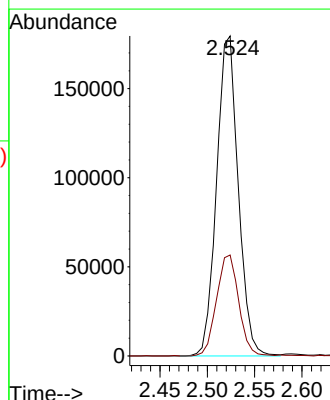
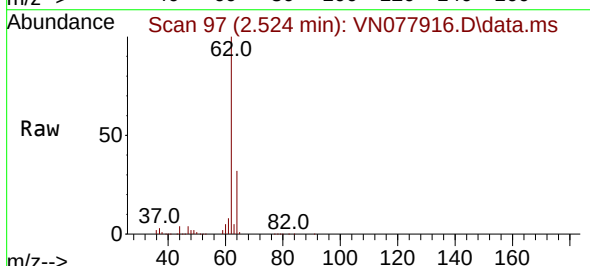
Instrument :
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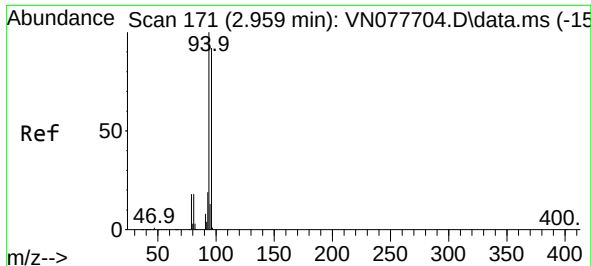
Tgt Ion: 50 Resp: 229354
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7



#4
Vinyl Chloride
Concen: 50.988 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 62 Resp: 285464
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2

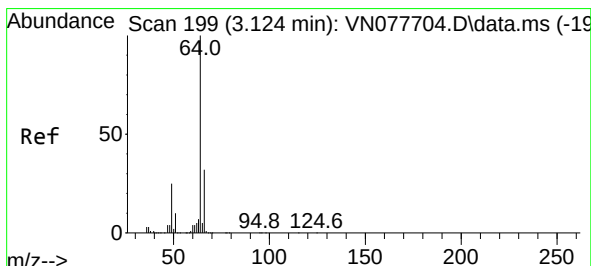
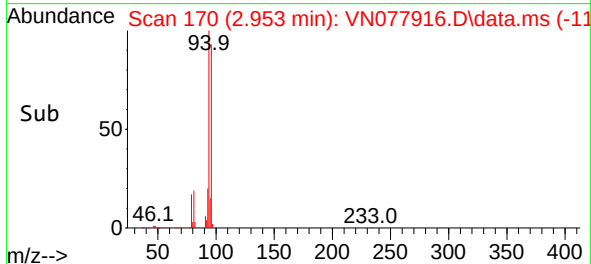
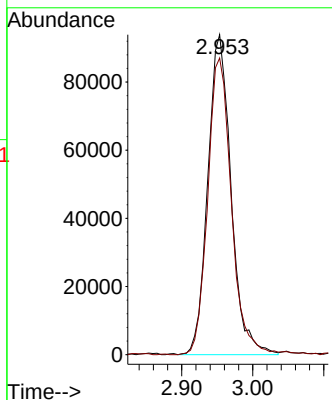
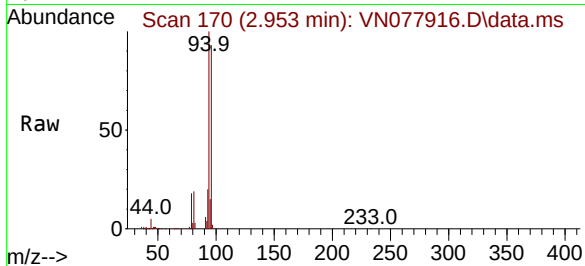




#5
Bromomethane
Concen: 51.540 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

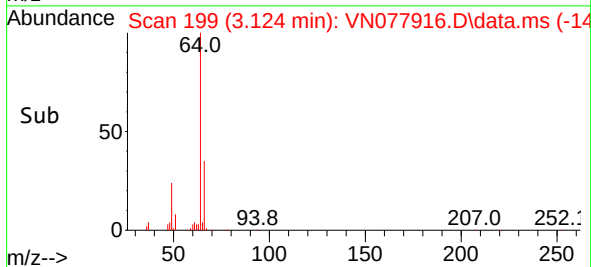
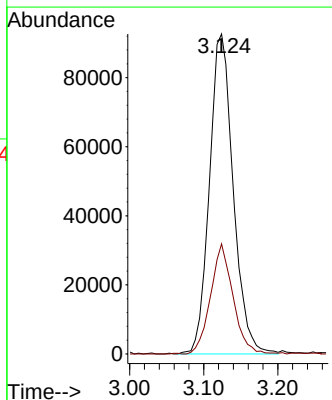
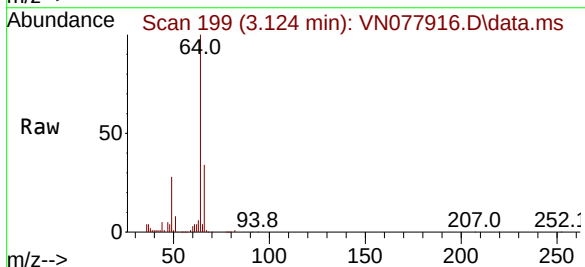
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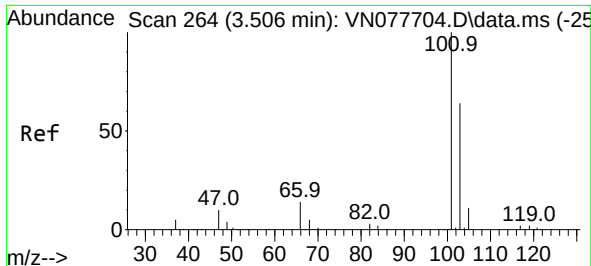
Tgt Ion: 94 Resp: 213411
Ion Ratio Lower Upper
94 100
96 92.7 73.1 109.7



#6
Chloroethane
Concen: 51.133 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 64 Resp: 206310
Ion Ratio Lower Upper
64 100
66 34.2 25.4 38.2

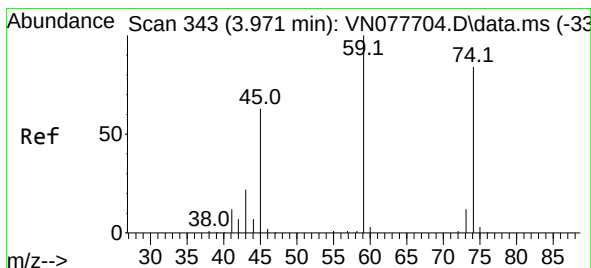
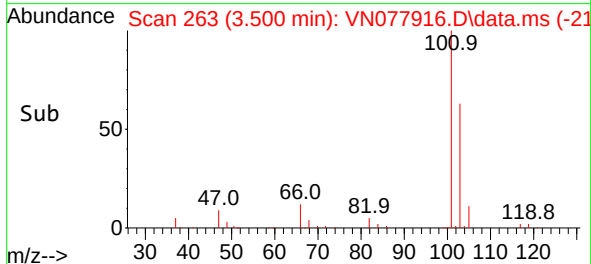
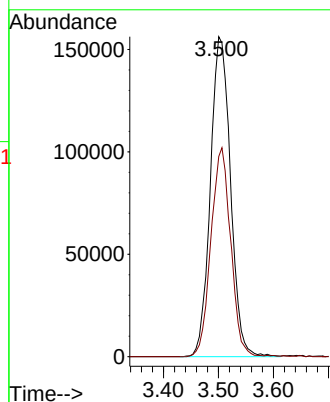
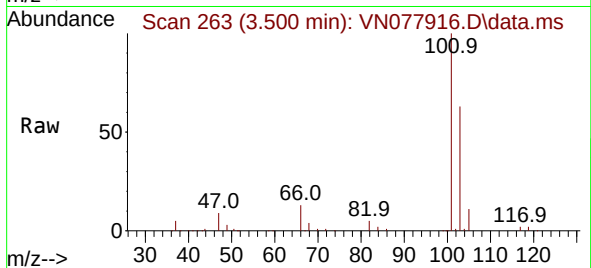




#7
 Trichlorofluoromethane
 Concen: 50.952 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

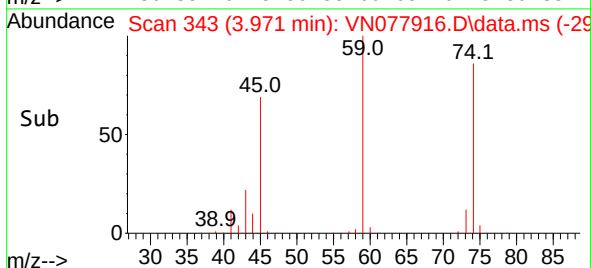
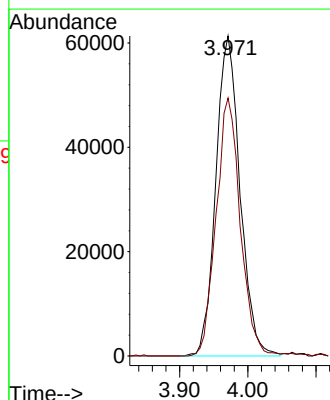
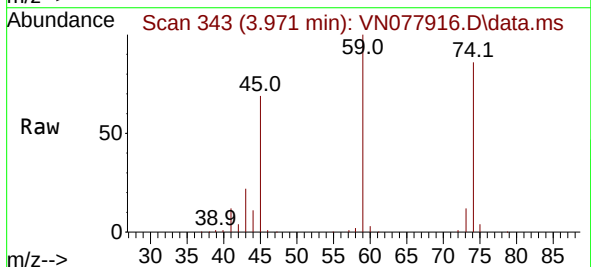
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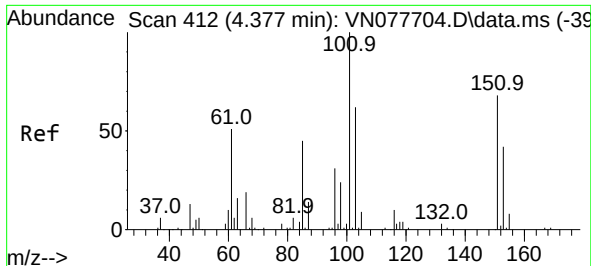
Tgt Ion:101 Resp: 397550
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 53.242 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 151654
 Ion Ratio Lower Upper
 74 100
 45 80.5 34.4 103.3

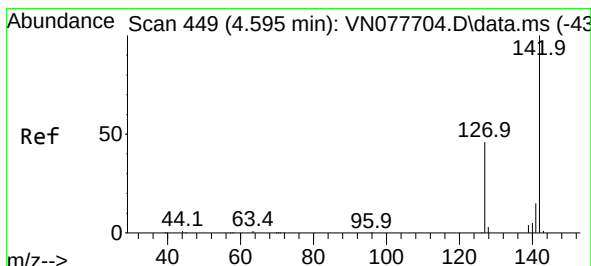
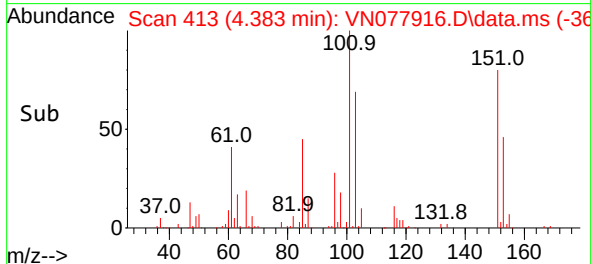
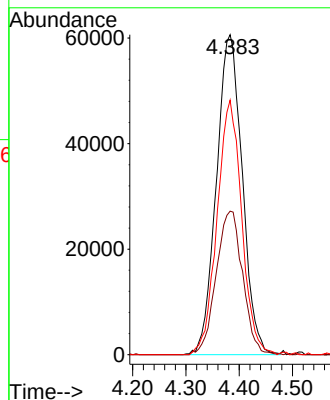
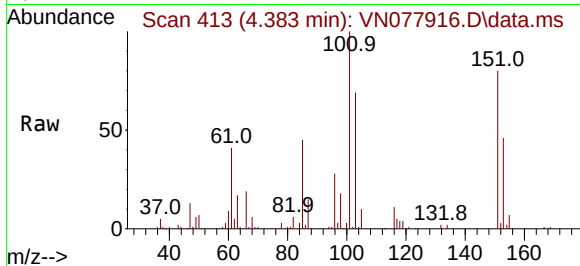




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.375 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
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Acq: 25 May 2023 20:49

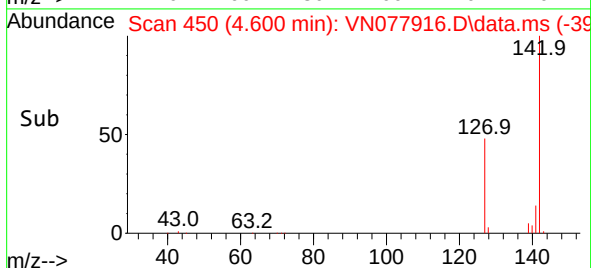
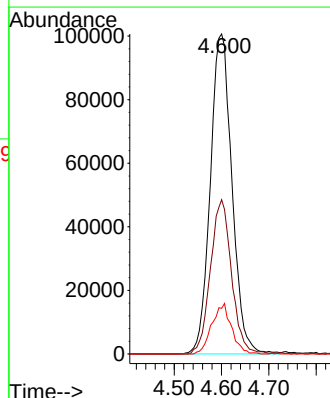
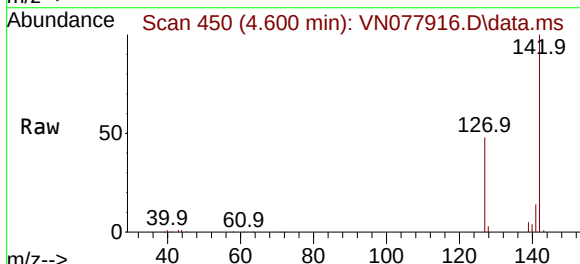
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

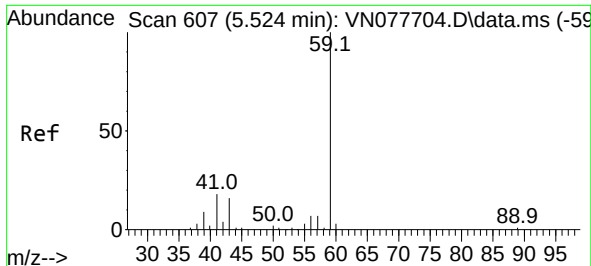
Tgt Ion:101 Resp: 204559
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 75.7 57.6 86.4



#10
Methyl Iodide
Concen: 62.154 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion:142 Resp: 320062
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 14.2 11.4 17.0

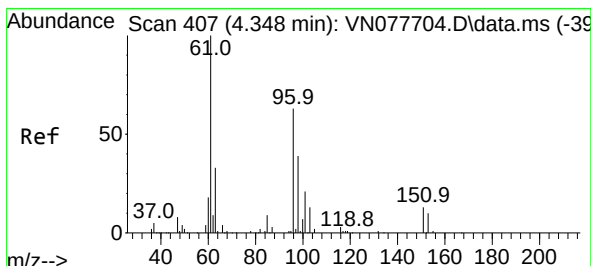
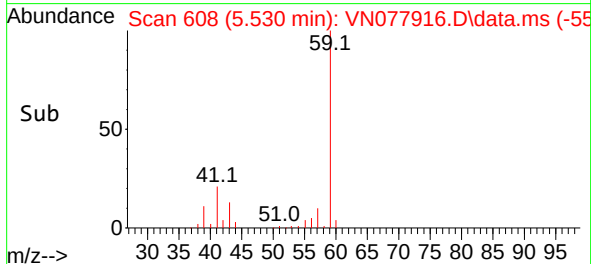
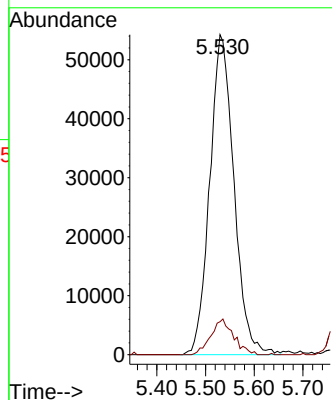
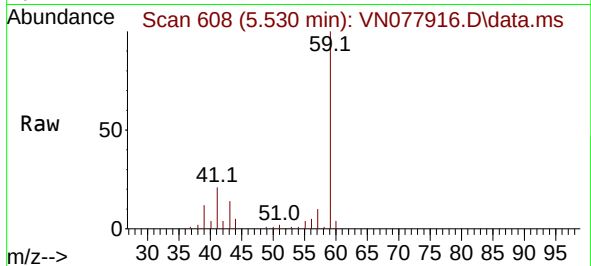




#11
Tert butyl alcohol
Concen: 232.261 ug/l
RT: 5.530 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

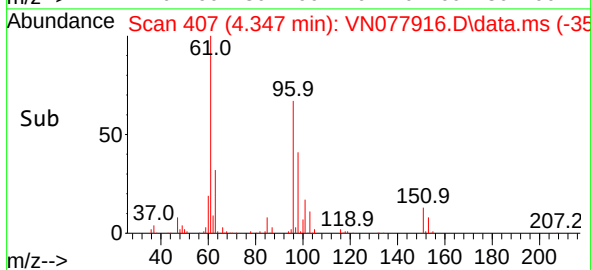
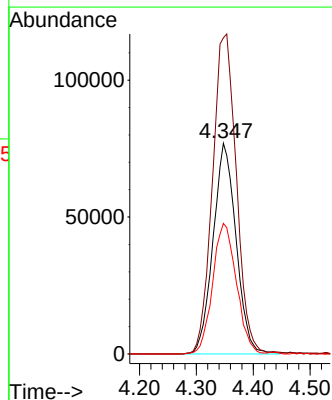
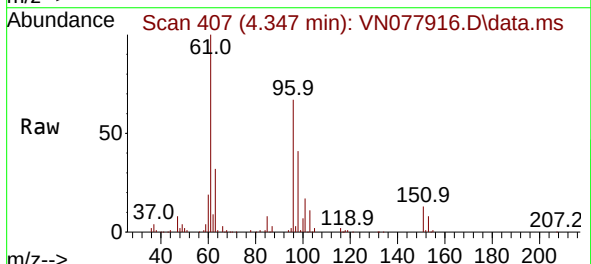
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

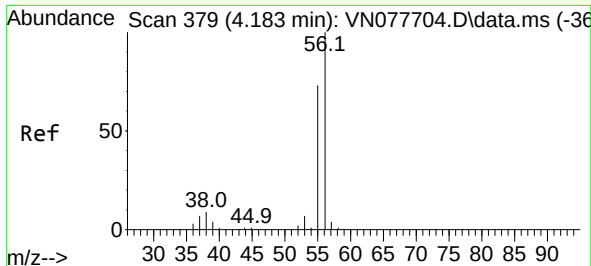
Tgt Ion: 59 Resp: 187139
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 52.769 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 96 Resp: 216557
Ion Ratio Lower Upper
96 100
61 150.1 112.7 169.1
98 62.0 51.2 76.8





#13

Acrolein

Concen: 244.379 ug/l

RT: 4.189 min Scan# 379

Delta R.T. -0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

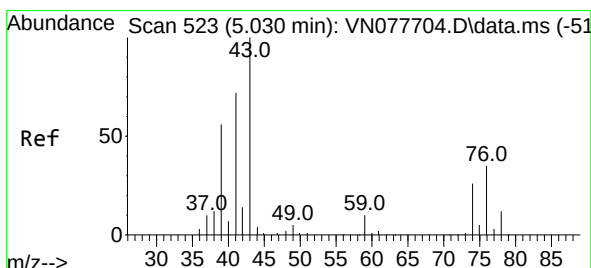
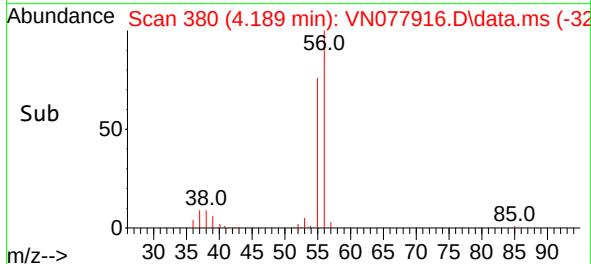
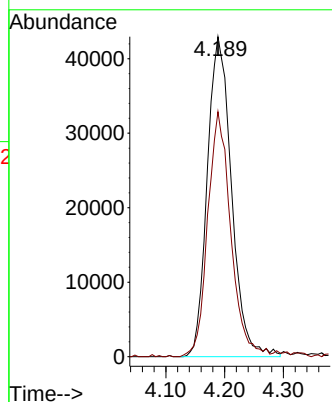
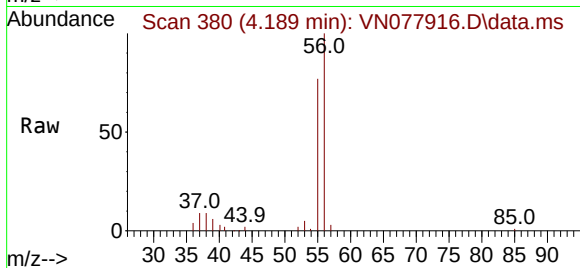
VSTDCCC050EC

Tgt Ion: 56 Resp: 122820

Ion Ratio Lower Upper

56 100

55 72.9 54.5 81.7



#14

Allyl chloride

Concen: 53.409 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

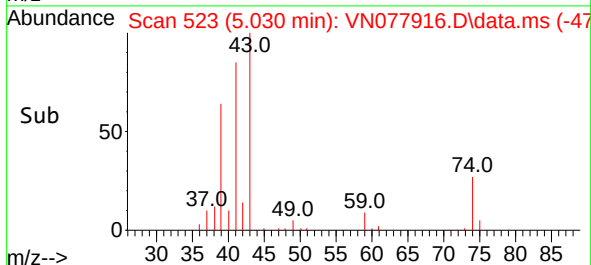
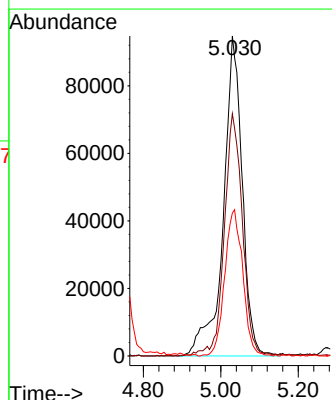
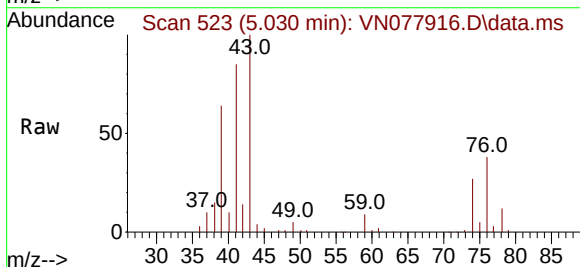
Tgt Ion: 41 Resp: 321991

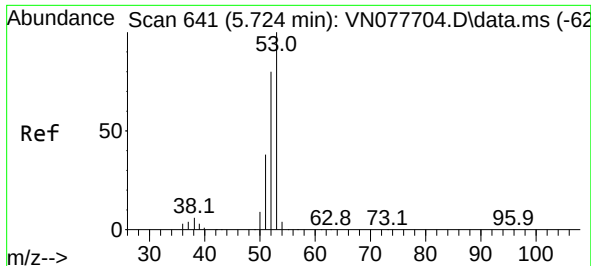
Ion Ratio Lower Upper

41 100

39 72.5 58.8 88.2

76 43.6 39.1 58.7

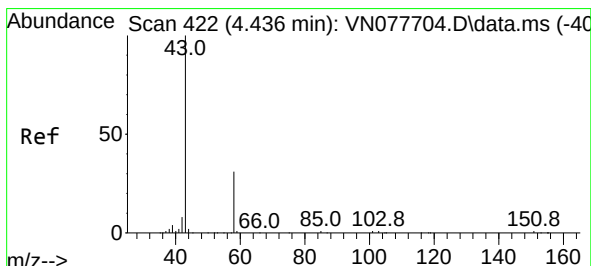
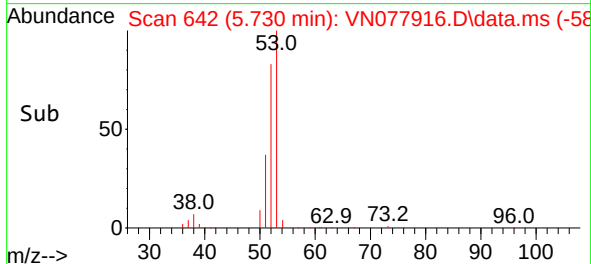
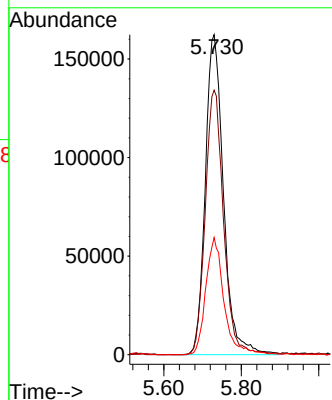
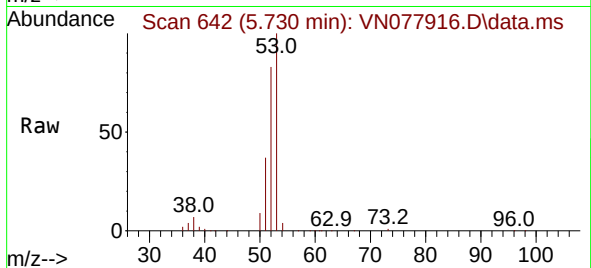




#15
Acrylonitrile
Concen: 245.627 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

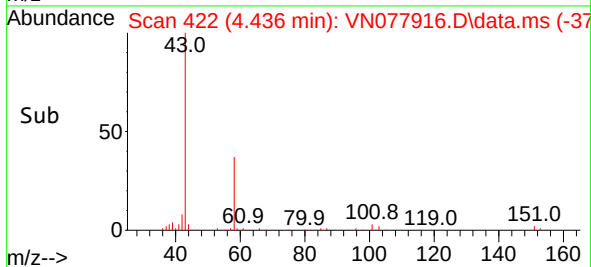
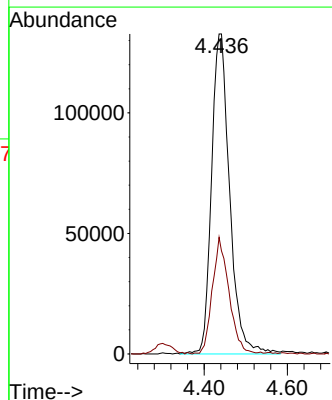
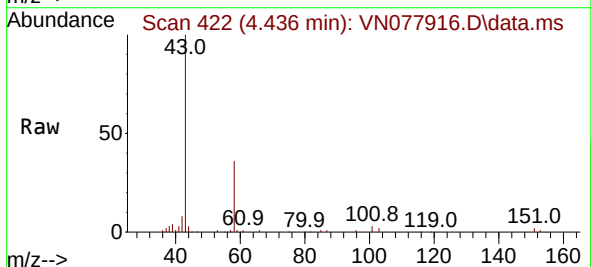
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

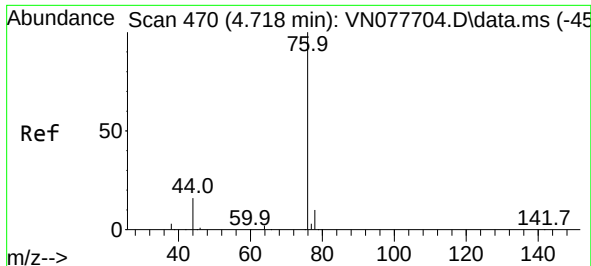
Tgt Ion: 53 Resp: 528737
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 36.6 28.9 43.3



#16
Acetone
Concen: 219.008 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 43 Resp: 402268
Ion Ratio Lower Upper
43 100
58 36.1 28.0 42.0

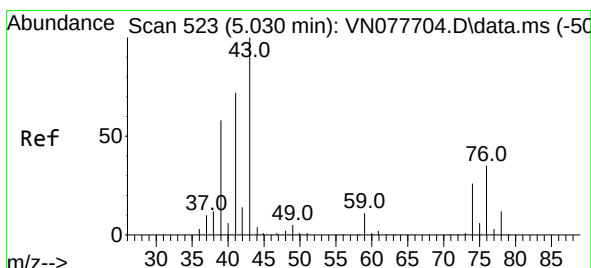
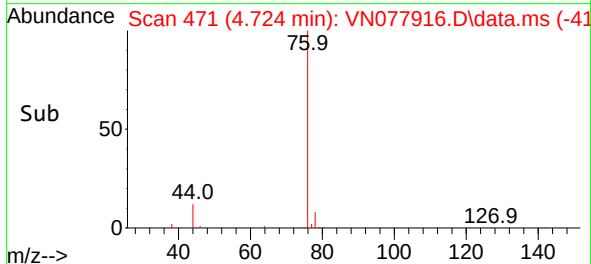
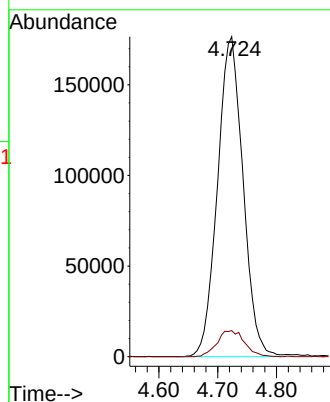
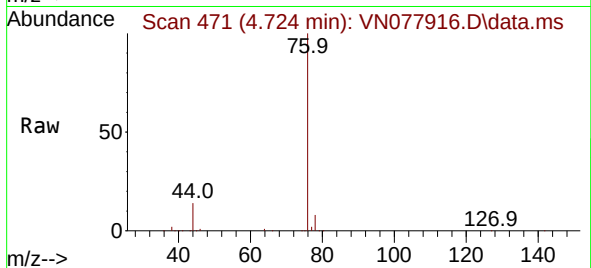




#17
Carbon Disulfide
Concen: 48.147 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

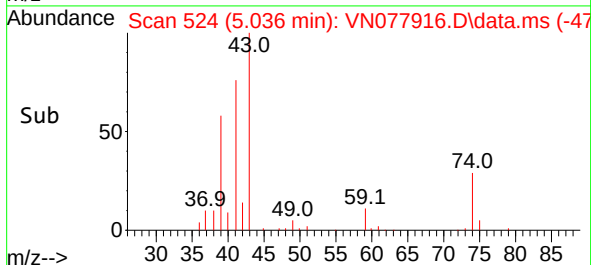
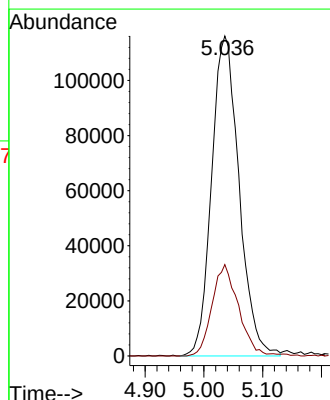
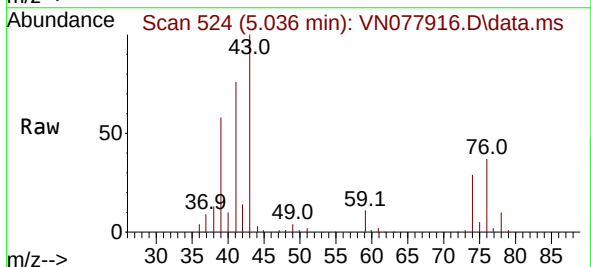
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

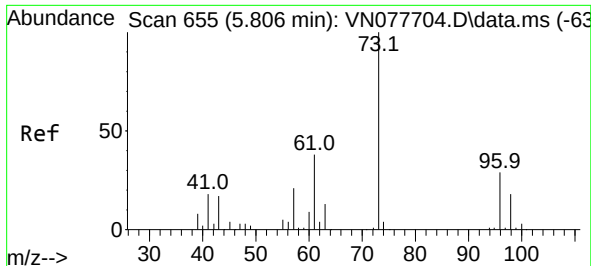
Tgt Ion: 76 Resp: 532396
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 48.942 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 43 Resp: 377126
Ion Ratio Lower Upper
43 100
74 27.6 26.2 39.4

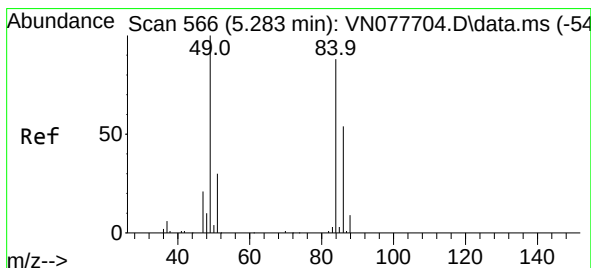
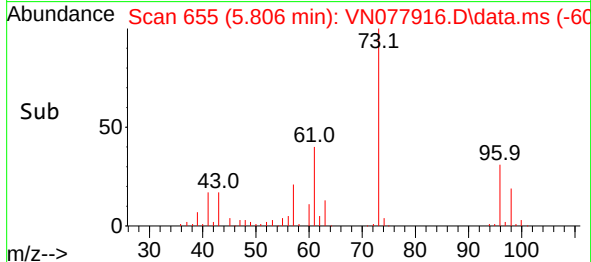
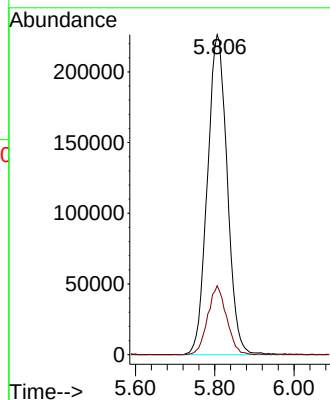
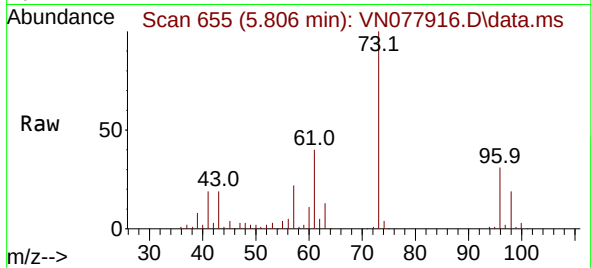




#19
Methyl tert-butyl Ether
Concen: 52.880 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

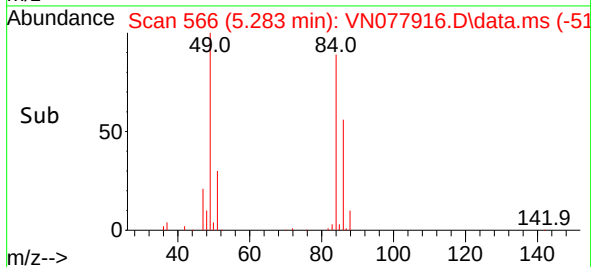
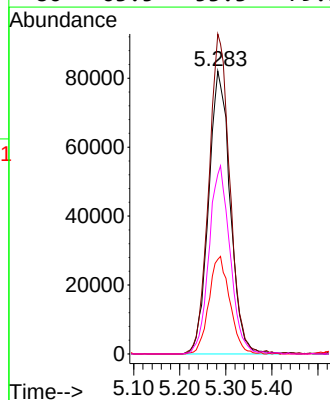
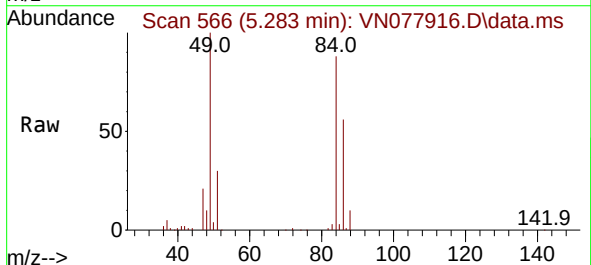
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

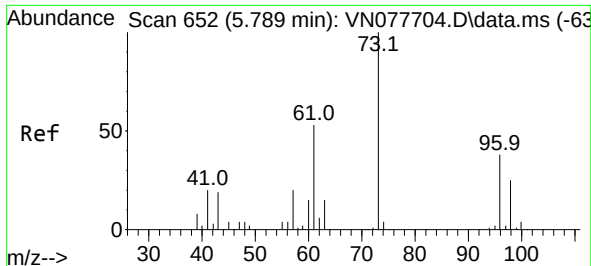
Tgt Ion: 73 Resp: 785498
Ion Ratio Lower Upper
73 100
57 21.6 15.6 23.4



#20
Methylene Chloride
Concen: 56.072 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 84 Resp: 266921
Ion Ratio Lower Upper
84 100
49 113.1 79.7 119.5
51 33.4 25.2 37.8
86 63.5 53.3 79.9

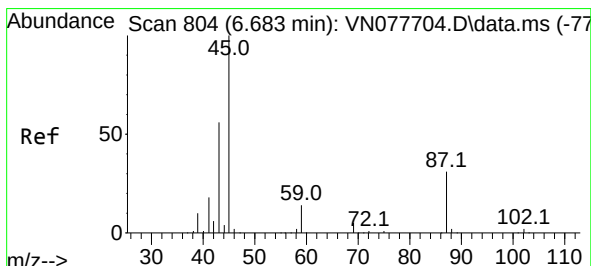
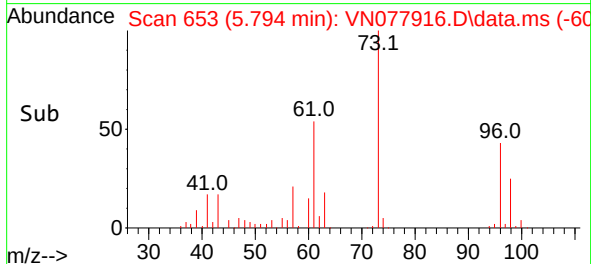
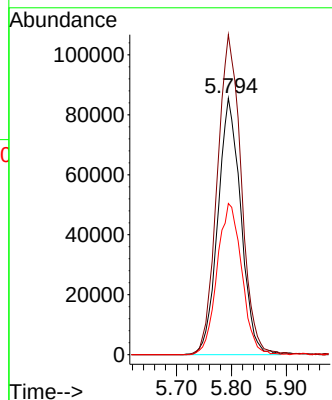
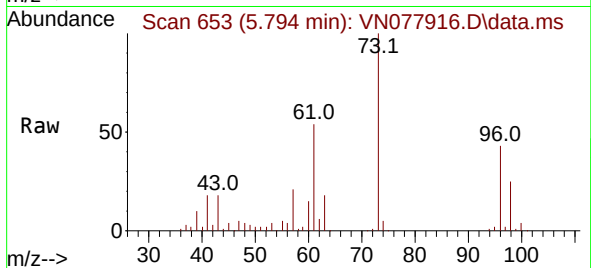




#21
trans-1,2-Dichloroethene
Concen: 53.781 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

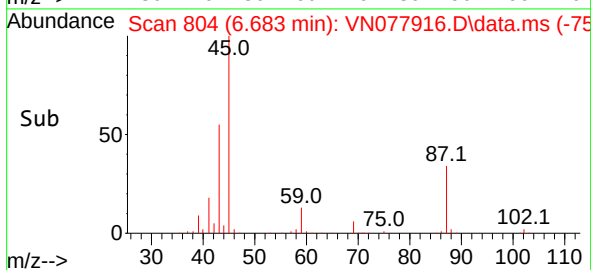
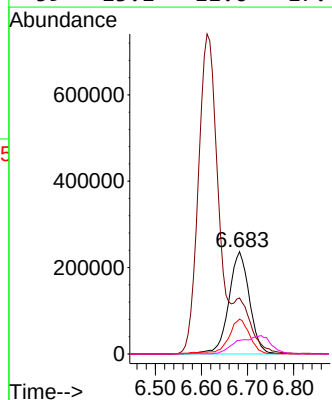
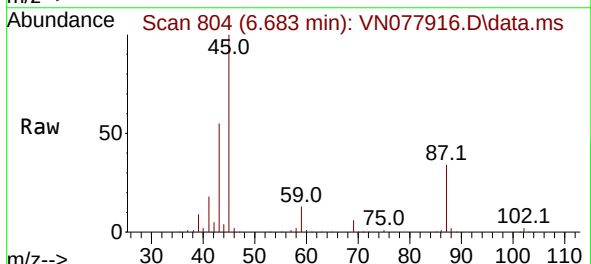
Instrument :
MSVOA_N
ClientSampleId :
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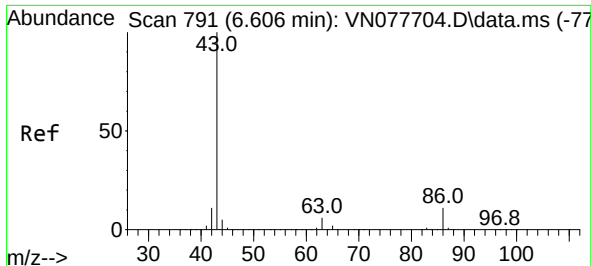
Tgt Ion: 96 Resp: 247927
Ion Ratio Lower Upper
96 100
61 124.8 90.1 135.1
98 59.0 46.4 69.6



#22
Diisopropyl ether
Concen: 51.987 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 45 Resp: 734638
Ion Ratio Lower Upper
45 100
43 53.8 45.5 68.3
87 34.0 31.8 47.8
59 13.1 11.6 17.4

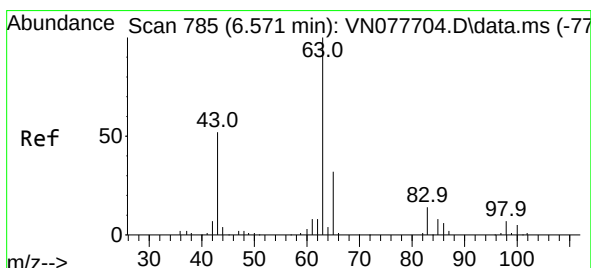
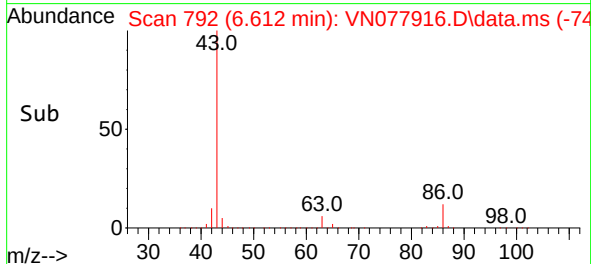
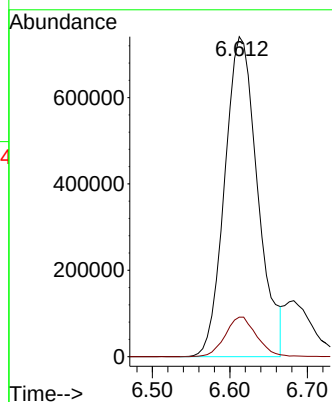
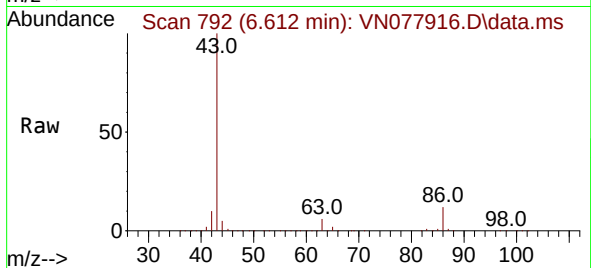




#23
 Vinyl Acetate
 Concen: 250.848 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

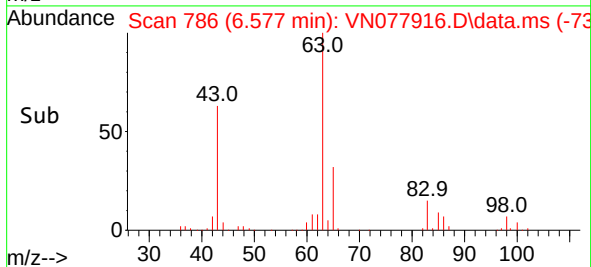
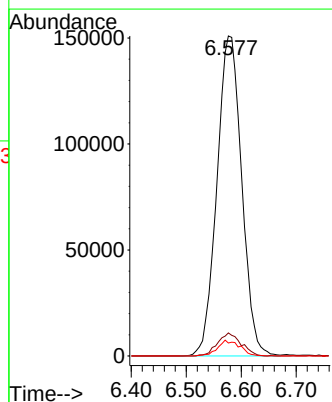
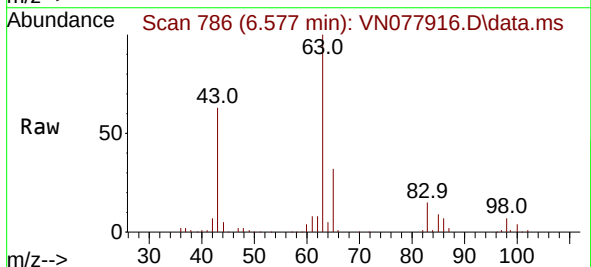
Instrument :
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 VSTDCCC050EC

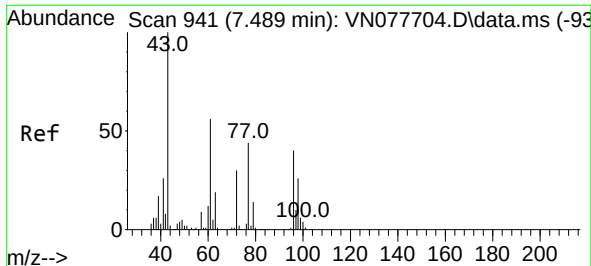
Tgt Ion: 43 Resp: 2196270
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 54.623 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Tgt Ion: 63 Resp: 472895
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.1 2.5 7.4

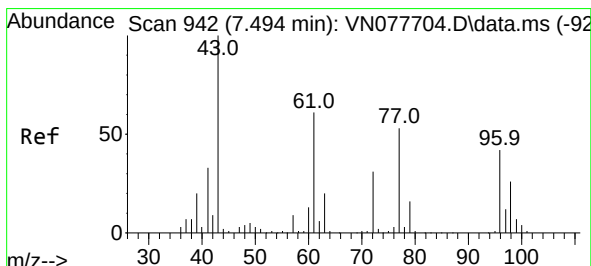
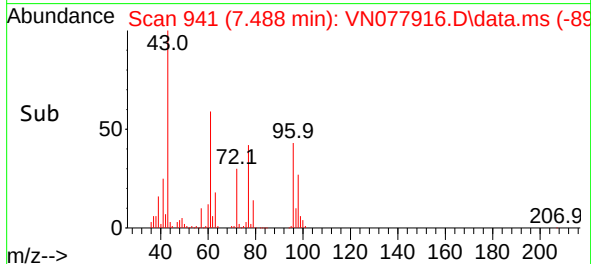
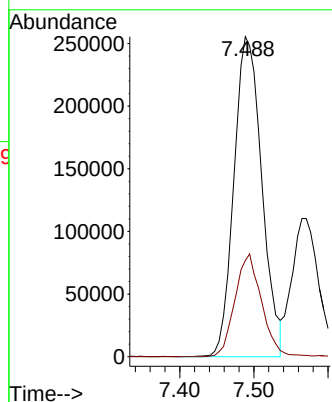
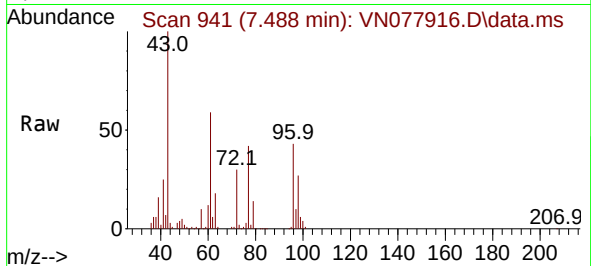




#25
2-Butanone
Concen: 232.327 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

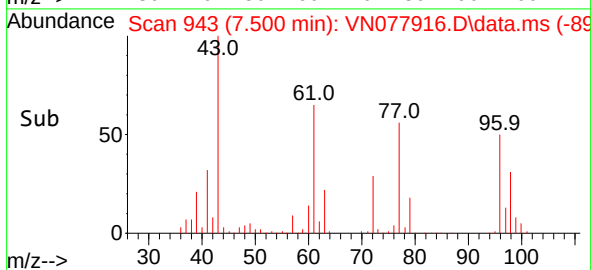
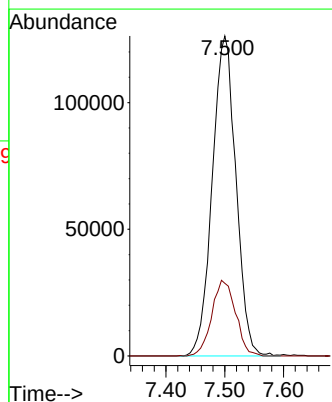
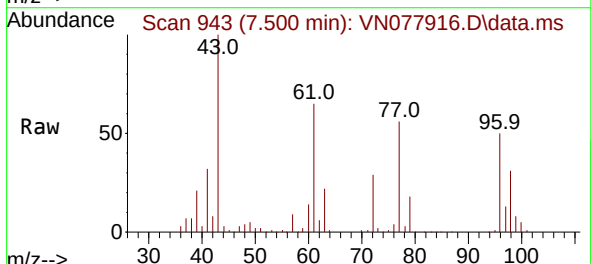
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

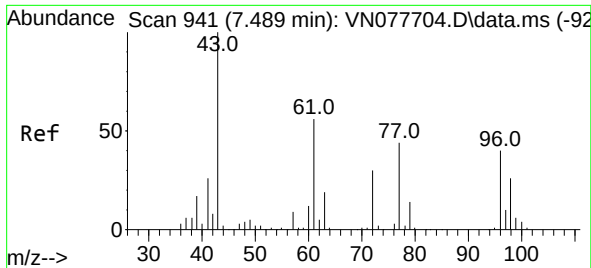
Tgt Ion: 43 Resp: 667539
Ion Ratio Lower Upper
43 100
72 30.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 48.059 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 77 Resp: 353479
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6

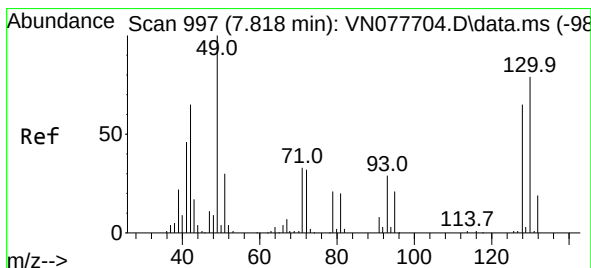
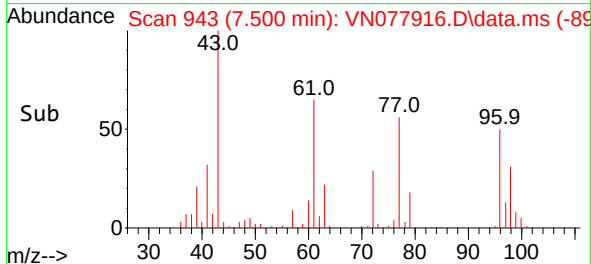
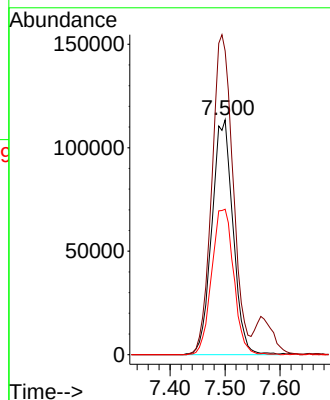
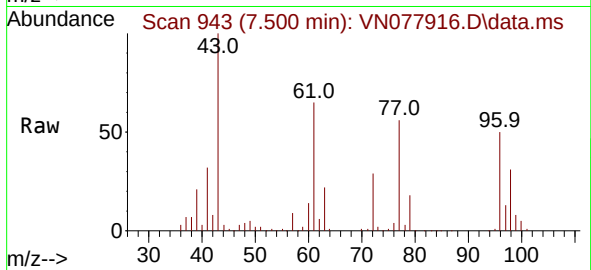




#27
 cis-1,2-Dichloroethene
 Concen: 54.915 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

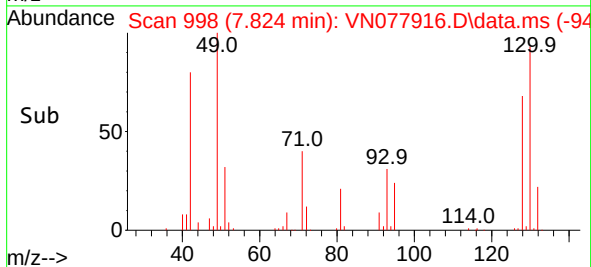
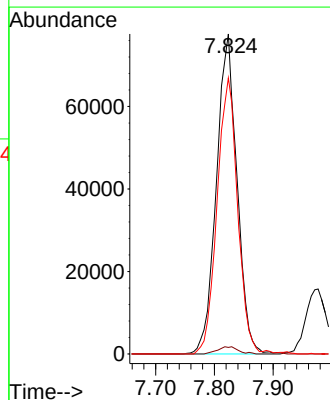
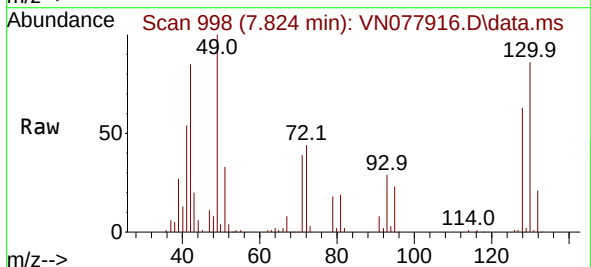
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

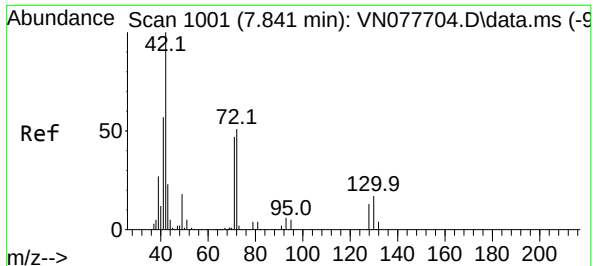
Tgt Ion: 96 Resp: 303539
 Ion Ratio Lower Upper
 96 100
 61 136.6 0.0 255.2
 98 64.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 50.498 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Tgt Ion: 49 Resp: 189071
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 85.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 234.457 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

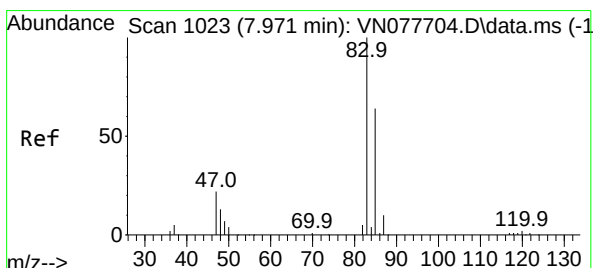
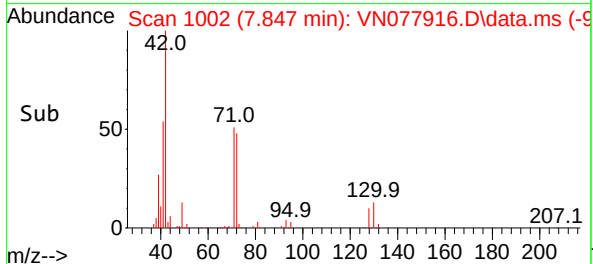
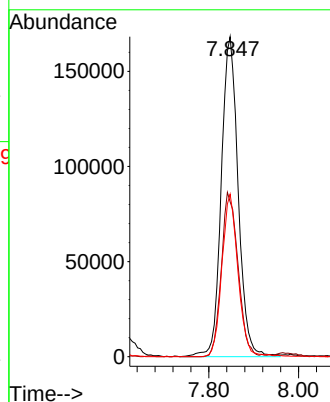
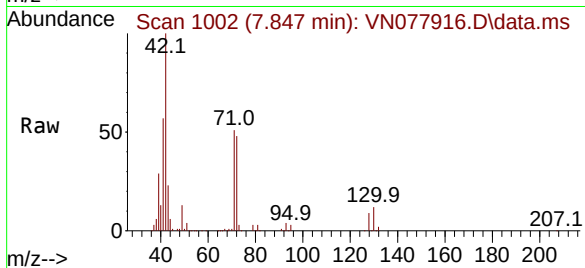
Tgt Ion: 42 Resp: 441106

Ion Ratio Lower Upper

42 100

72 50.8 49.8 74.6

71 48.3 47.4 71.2



#30

Chloroform

Concen: 52.783 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077916.D

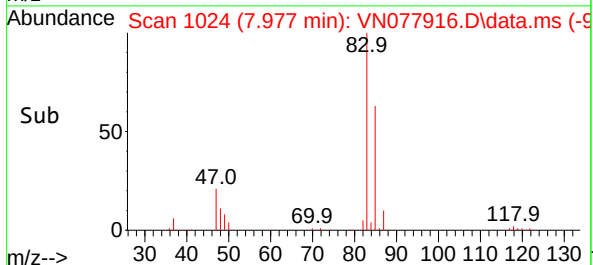
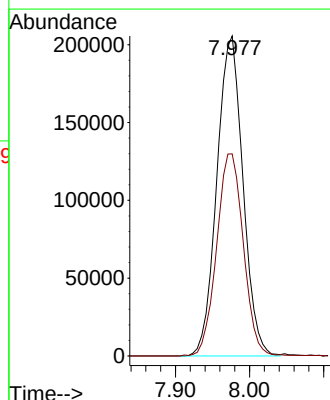
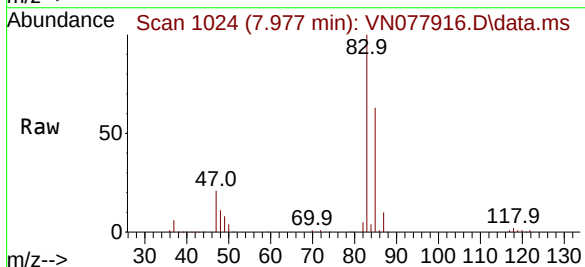
Acq: 25 May 2023 20:49

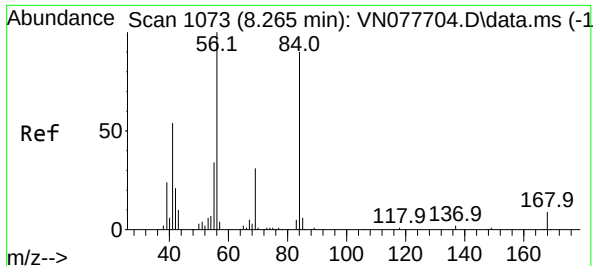
Tgt Ion: 83 Resp: 502678

Ion Ratio Lower Upper

83 100

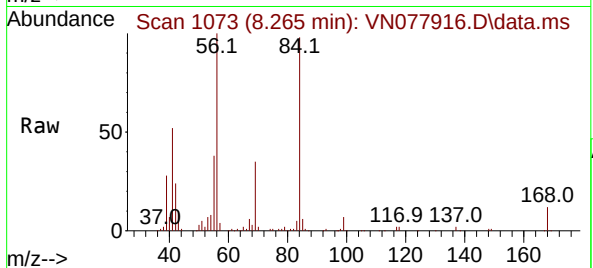
85 63.2 55.4 83.0



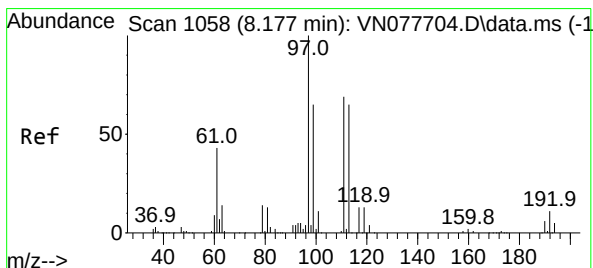
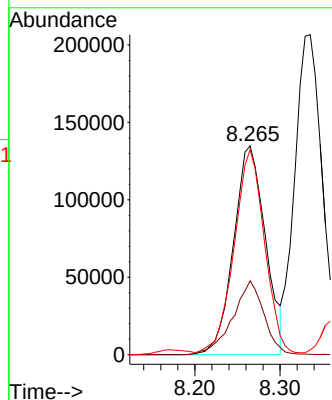
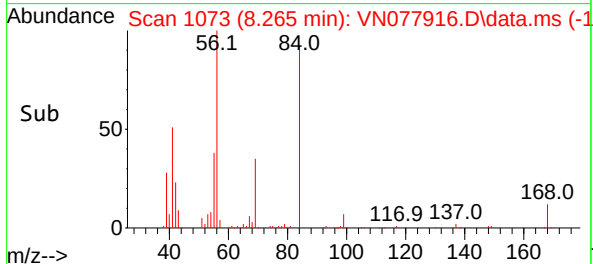


#31
Cyclohexane
Concen: 44.251 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

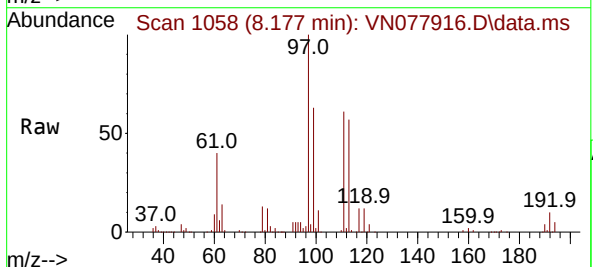
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



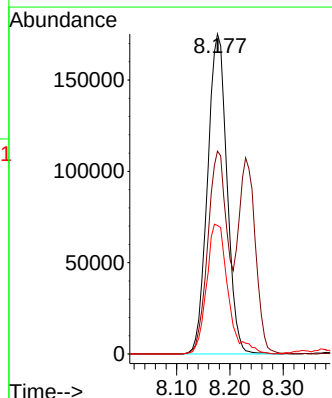
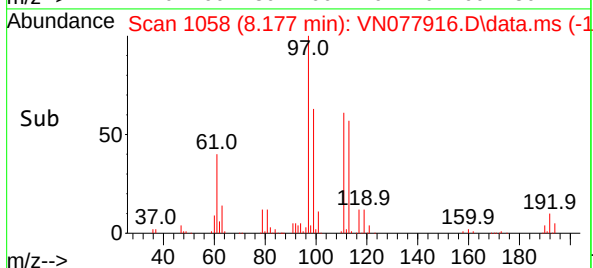
Tgt Ion: 56 Resp: 351130
Ion Ratio Lower Upper
56 100
69 35.4 26.8 40.2
84 96.3 81.8 122.6

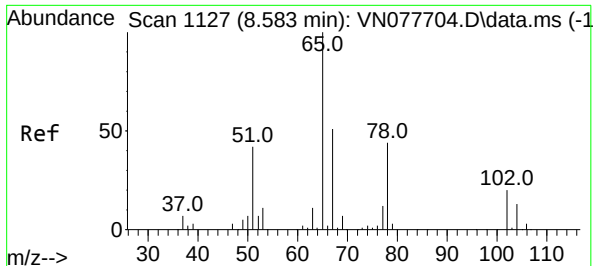


#32
1,1,1-Trichloroethane
Concen: 54.864 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49



Tgt Ion: 97 Resp: 444225
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 44.8 34.7 52.1

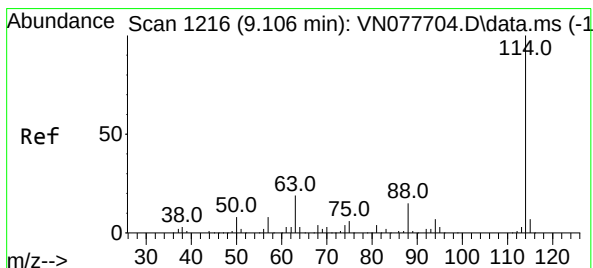
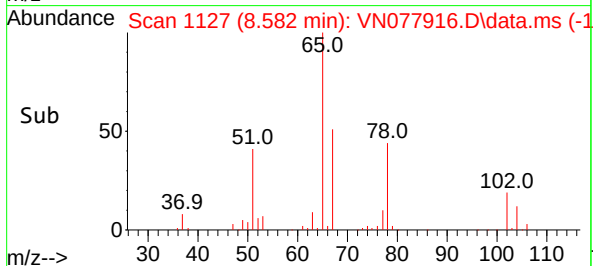
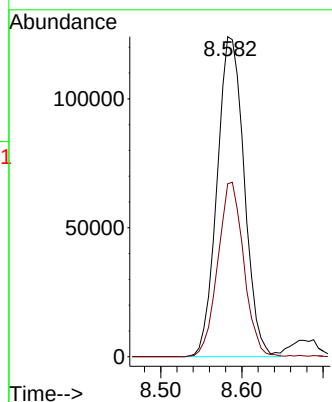
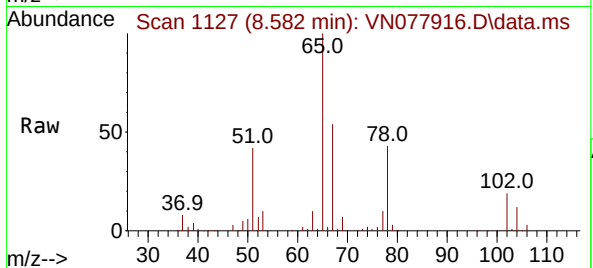




#33
1,2-Dichloroethane-d4
Concen: 49.464 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

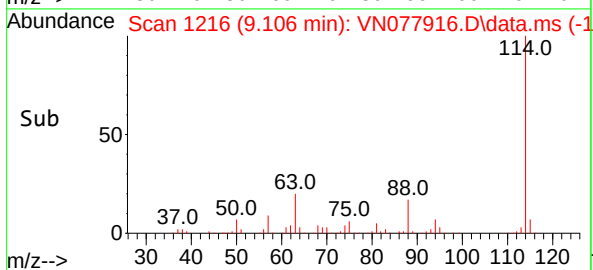
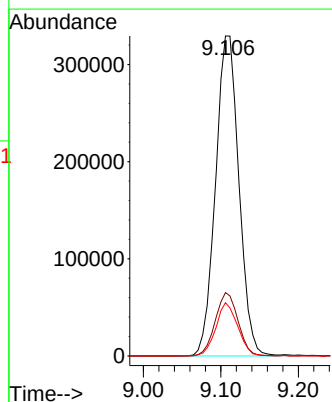
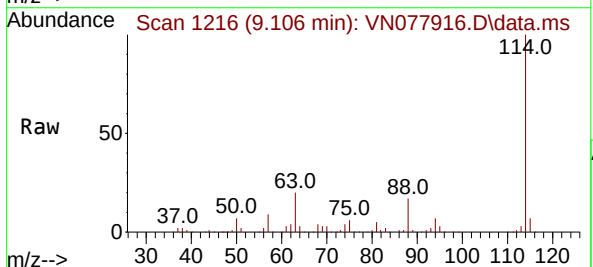
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

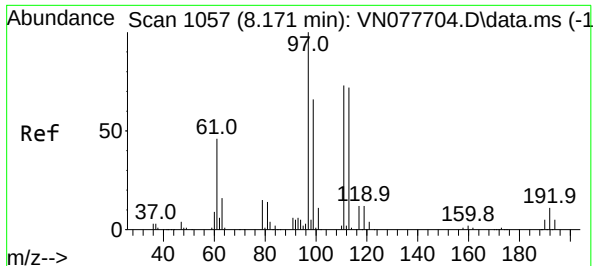
Tgt Ion: 65 Resp: 288778
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 114 Resp: 692264
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.923 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

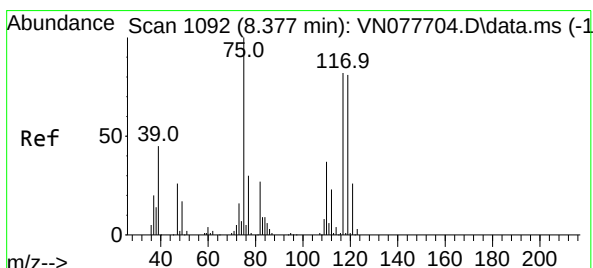
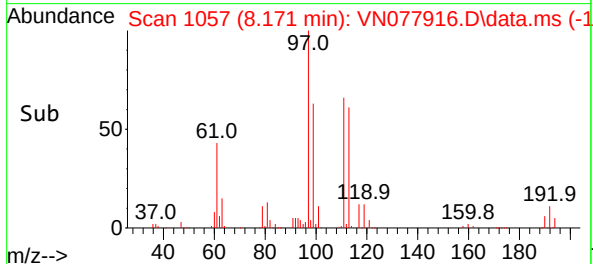
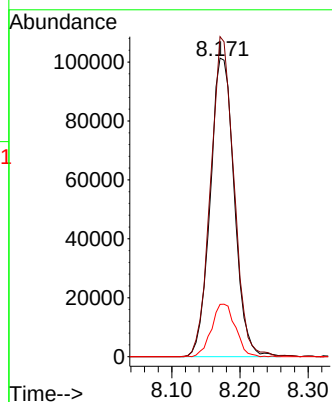
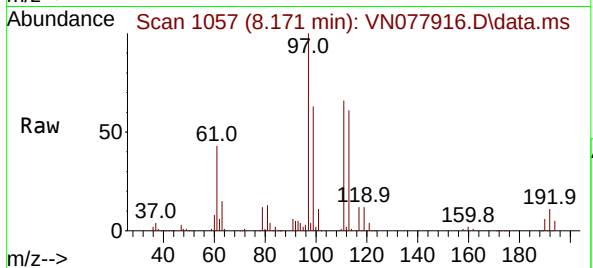
Tgt Ion:113 Resp: 247930

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 17.5 12.7 19.1



#36

1,1-Dichloropropene

Concen: 54.039 ug/l

RT: 8.382 min Scan# 1093

Delta R.T. 0.005 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

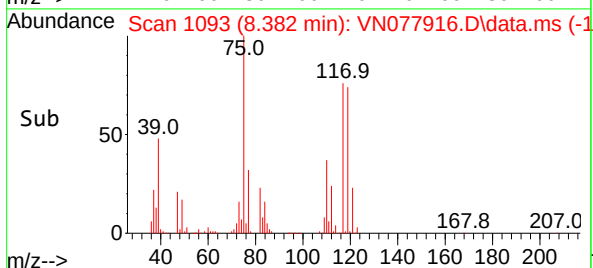
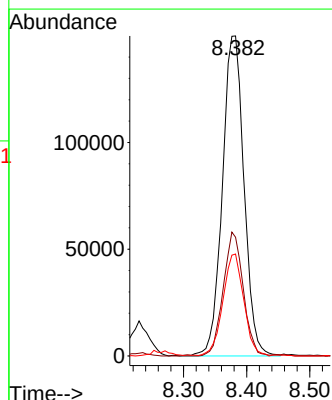
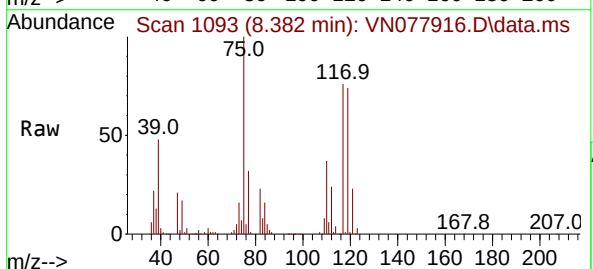
Tgt Ion: 75 Resp: 356806

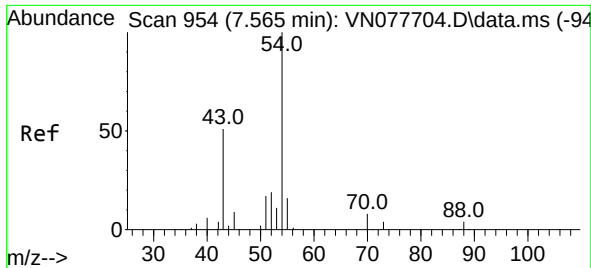
Ion Ratio Lower Upper

75 100

110 35.7 19.1 57.3

77 30.7 25.0 37.4

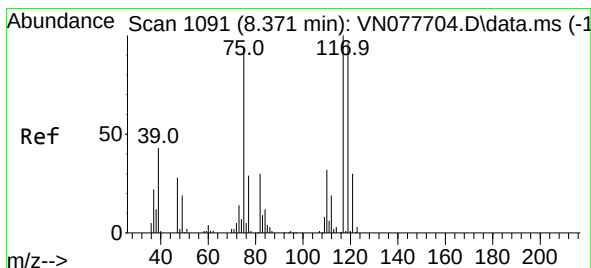
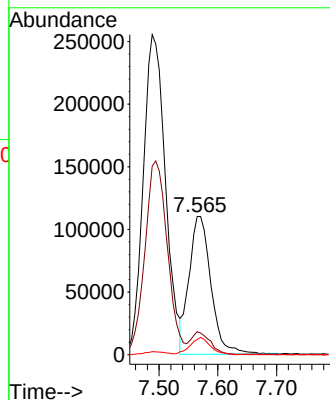
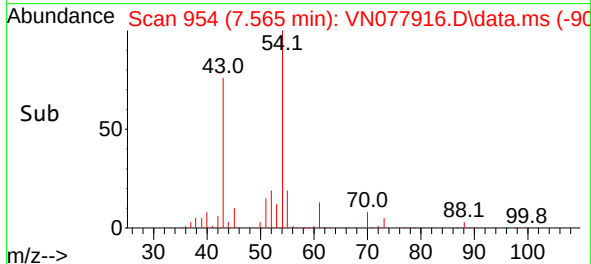
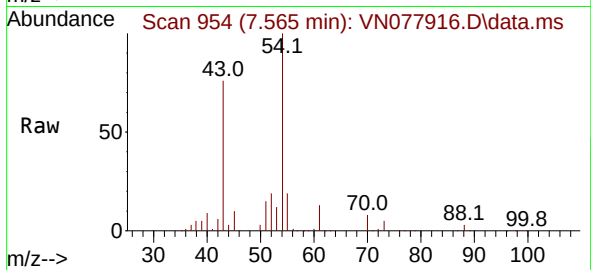




#37
Ethyl Acetate
Concen: 48.524 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

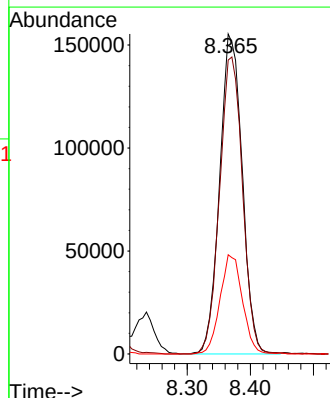
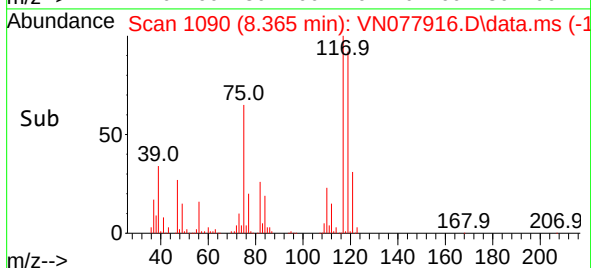
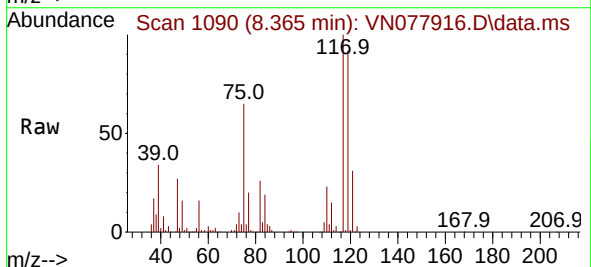
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

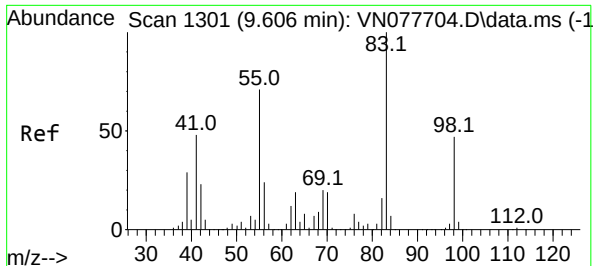
Tgt Ion: 43 Resp: 285563
Ion Ratio Lower Upper
43 100
61 13.9 13.2 19.8
70 11.3 11.3 16.9



#38
Carbon Tetrachloride
Concen: 57.785 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 117 Resp: 385274
Ion Ratio Lower Upper
117 100
119 91.8 77.3 115.9
121 31.0 23.3 34.9





#39

Methylcyclohexane

Concen: 45.889 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

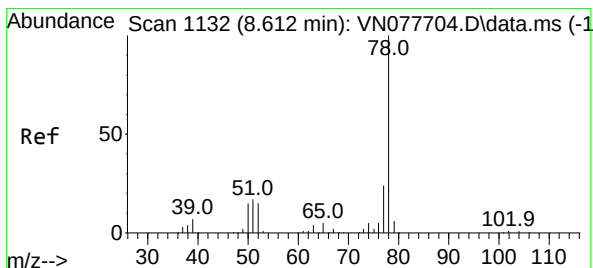
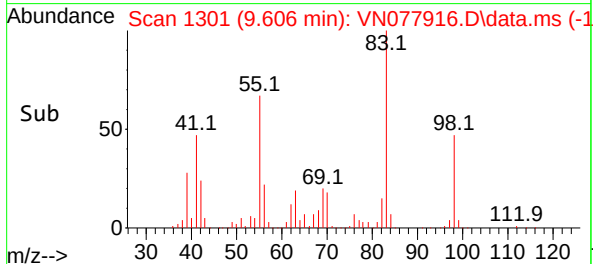
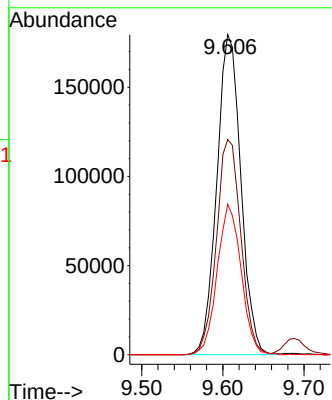
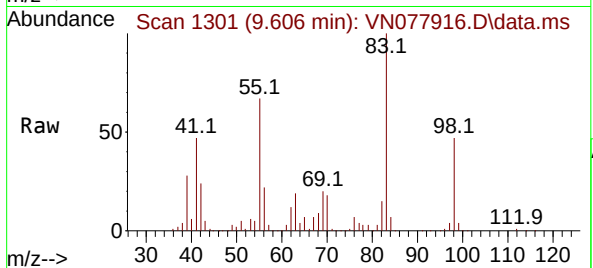
Tgt Ion: 83 Resp: 370937

Ion Ratio Lower Upper

83 100

55 67.2 49.1 73.7

98 47.0 40.6 61.0



#40

Benzene

Concen: 56.851 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077916.D

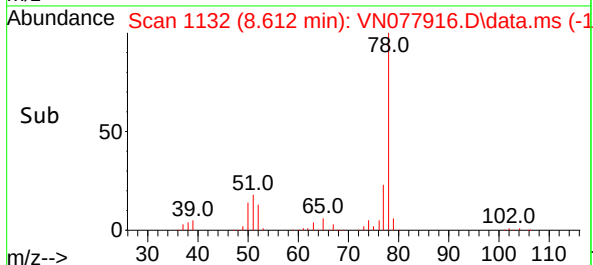
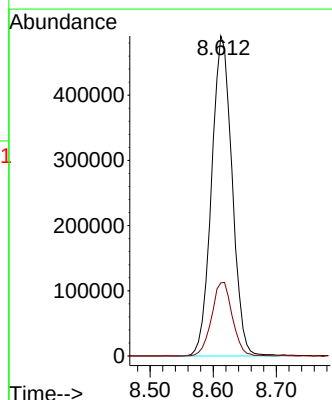
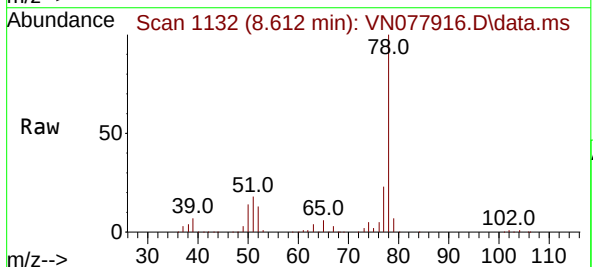
Acq: 25 May 2023 20:49

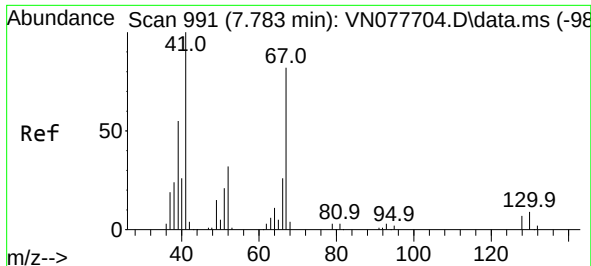
Tgt Ion: 78 Resp: 1107711

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.6

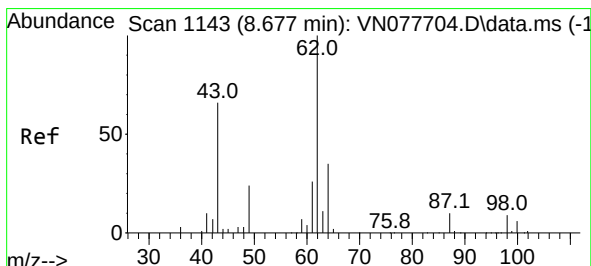
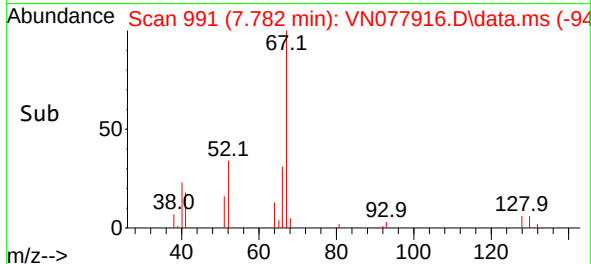
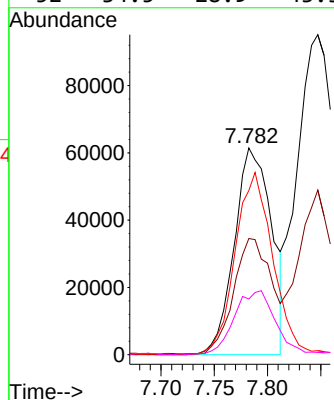
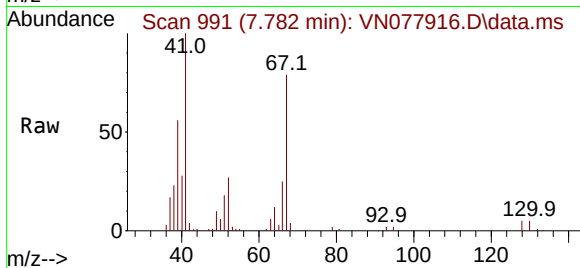




#41
Methacrylonitrile
Concen: 47.764 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

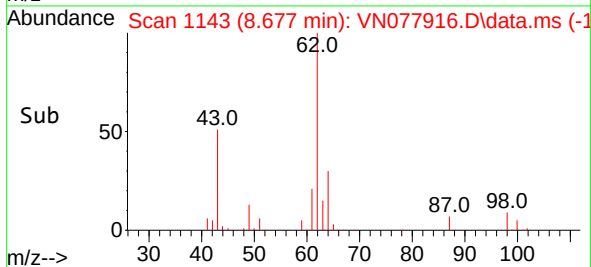
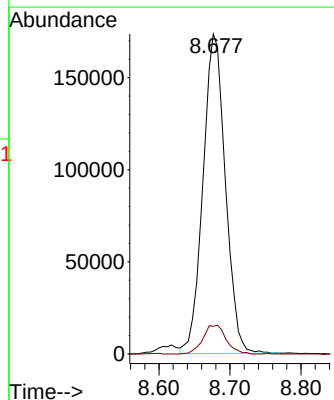
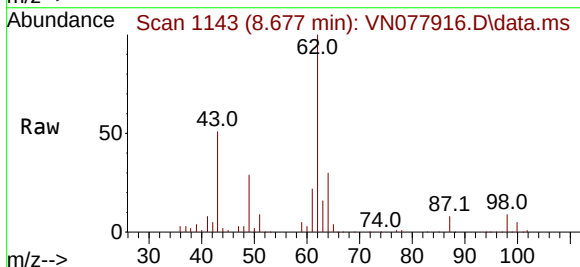
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

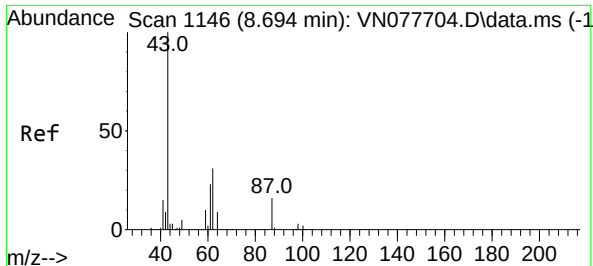
Tgt Ion:	41	Resp:	149698
Ion	Ratio	Lower	Upper
41	100		
39	56.0	42.6	64.0
67	89.3	77.5	116.3
52	34.5	28.9	43.3



#42
1,2-Dichloroethane
Concen: 53.831 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion:	62	Resp:	381006
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.8

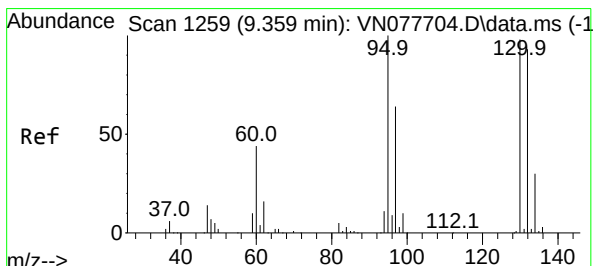
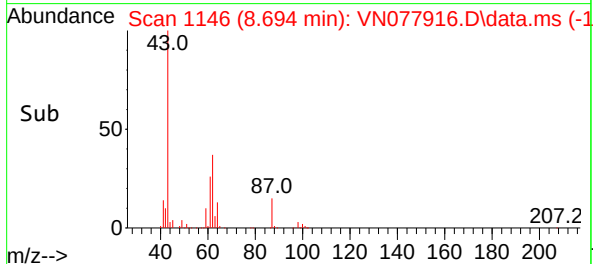
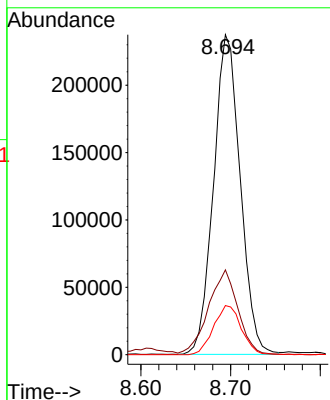
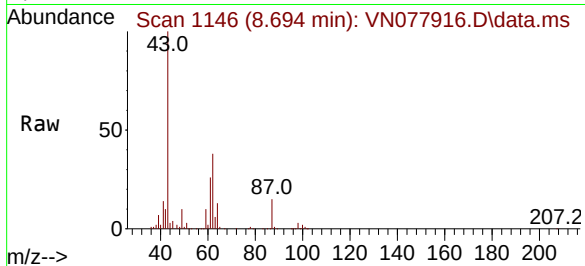




#43
Isopropyl Acetate
Concen: 51.002 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

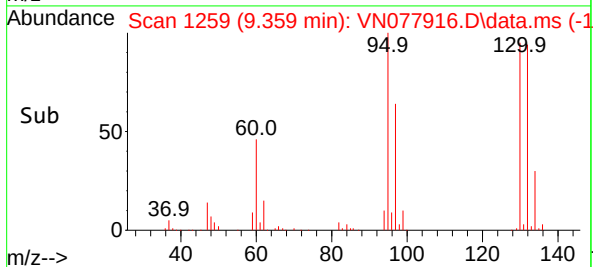
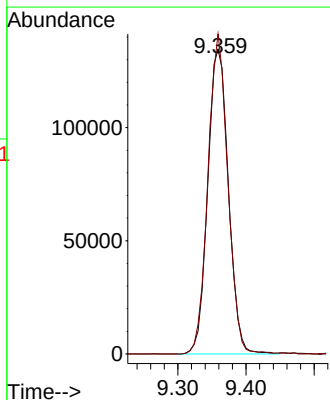
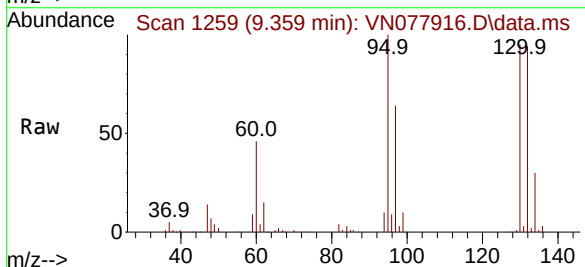
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

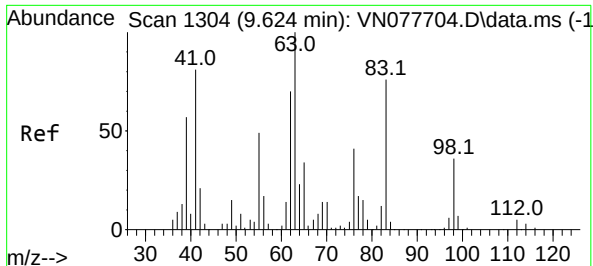
Tgt Ion: 43 Resp: 490264
Ion Ratio Lower Upper
43 100
61 29.2 24.7 37.1
87 16.0 14.6 21.8



#44
Trichloroethene
Concen: 57.691 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion:130 Resp: 284626
Ion Ratio Lower Upper
130 100
95 105.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 57.071 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

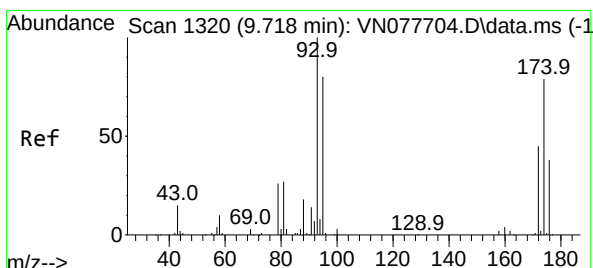
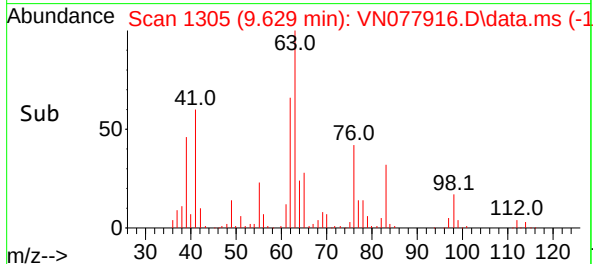
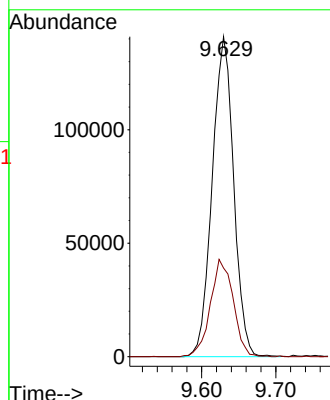
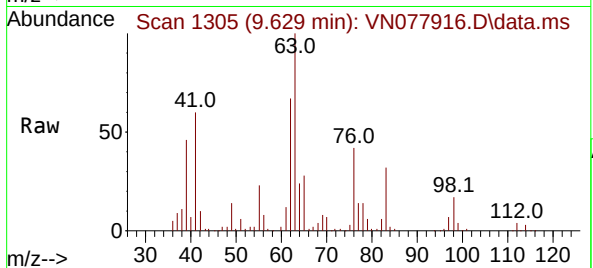
VSTDCCC050EC

Tgt Ion: 63 Resp: 283638

Ion Ratio Lower Upper

63 100

65 27.7 23.9 35.9



#46

Dibromomethane

Concen: 55.476 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

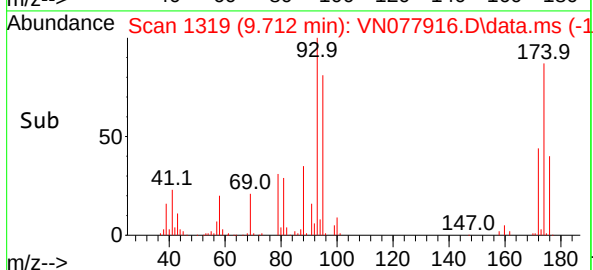
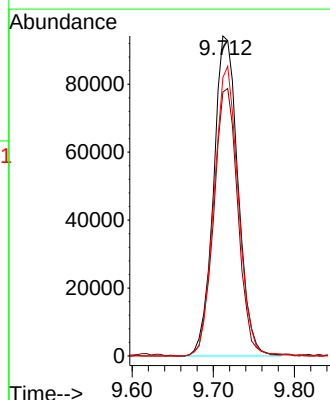
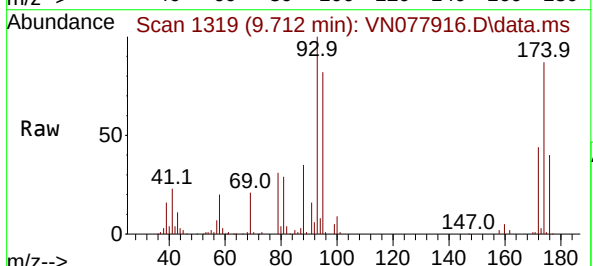
Tgt Ion: 93 Resp: 197289

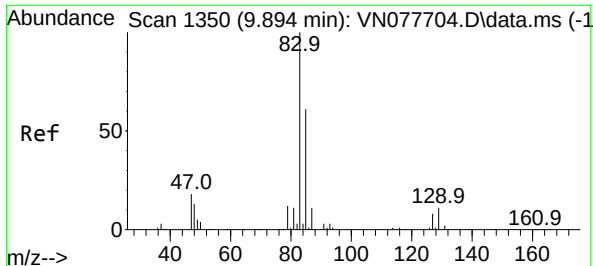
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

174 89.8 65.6 98.4





#47

Bromodichloromethane

Concen: 57.708 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

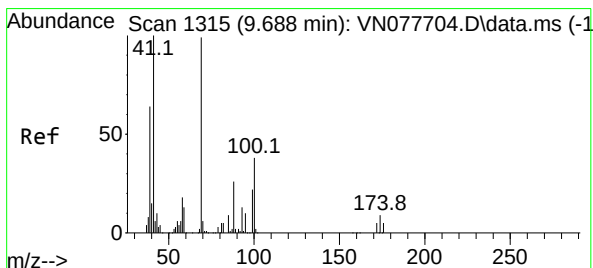
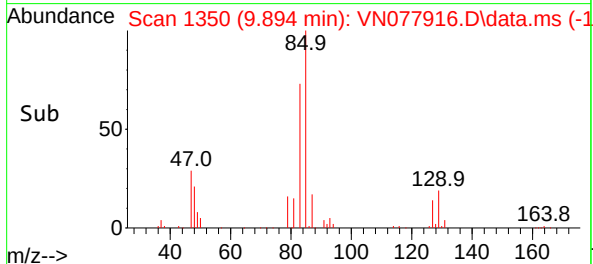
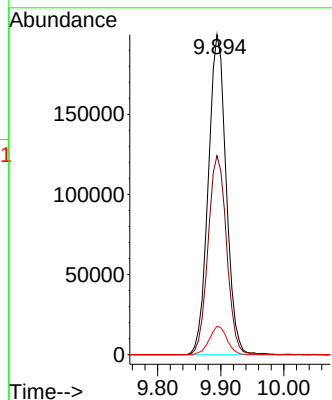
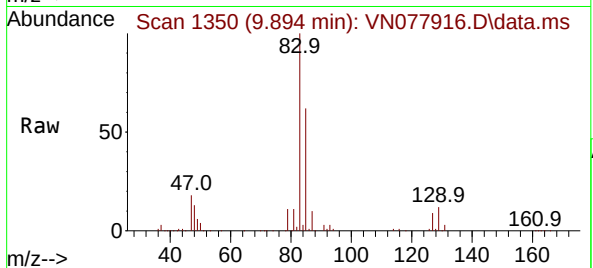
Tgt Ion: 83 Resp: 392910

Ion Ratio Lower Upper

83 100

85 62.2 49.6 74.4

127 8.9 7.0 10.6



#48

Methyl methacrylate

Concen: 51.242 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

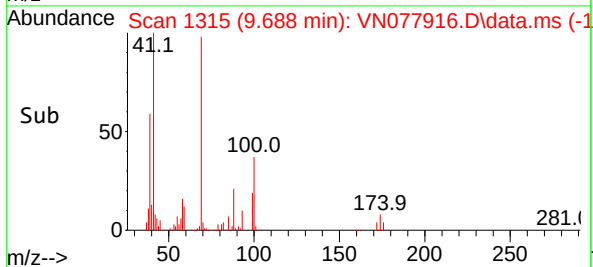
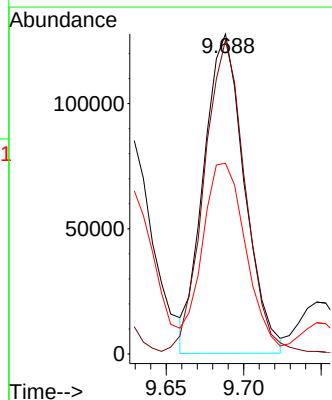
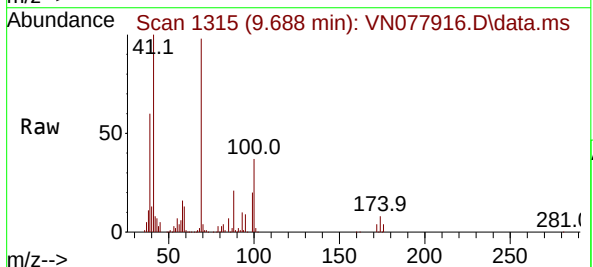
Tgt Ion: 41 Resp: 233538

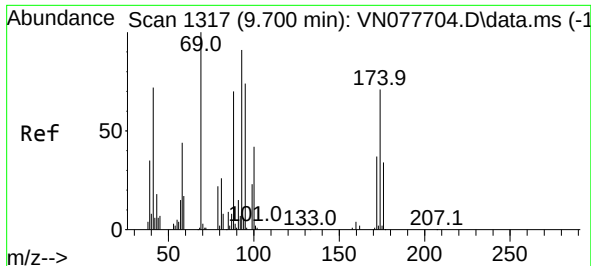
Ion Ratio Lower Upper

41 100

69 98.6 90.4 135.6

39 63.9 54.6 81.8

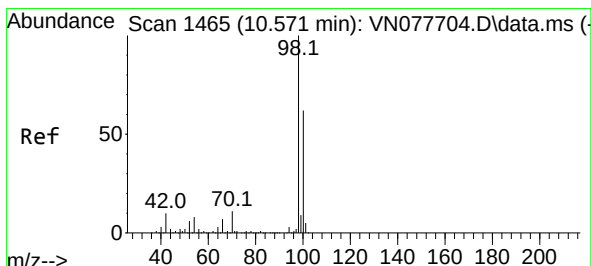
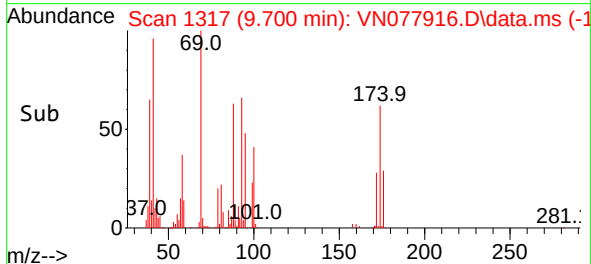
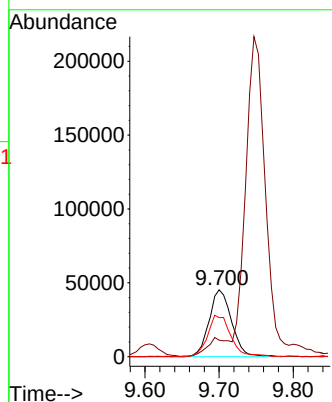
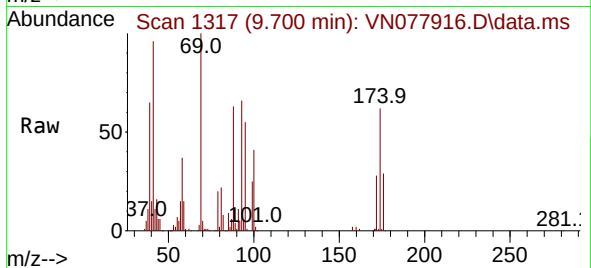




#49
1,4-Dioxane
Concen: 1107.655 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

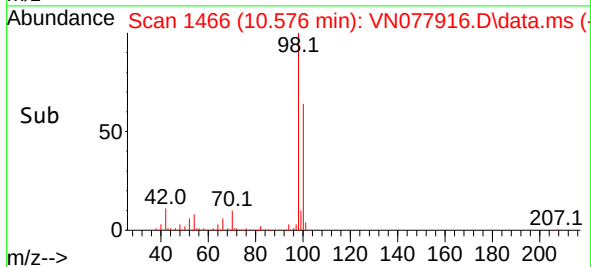
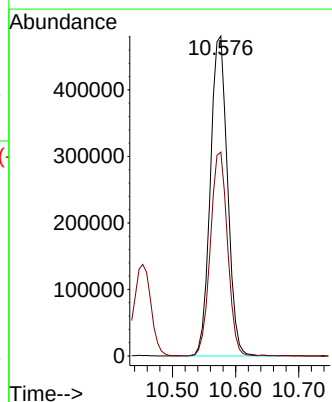
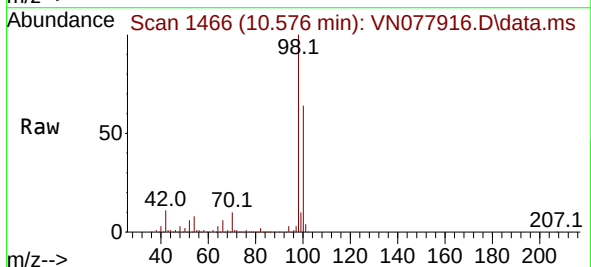
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

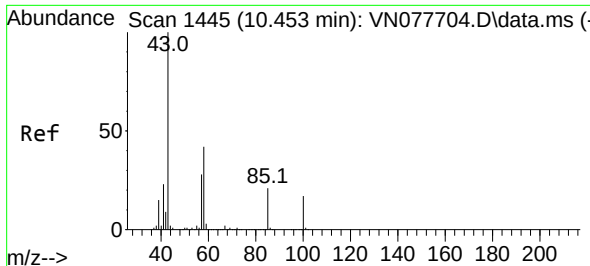
Tgt Ion: 88 Resp: 95346
Ion Ratio Lower Upper
88 100
43 19.6 17.0 25.6
58 63.8 47.0 70.4



#50
Toluene-d8
Concen: 52.143 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 98 Resp: 906013
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

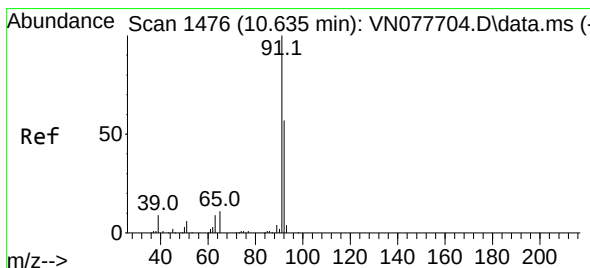
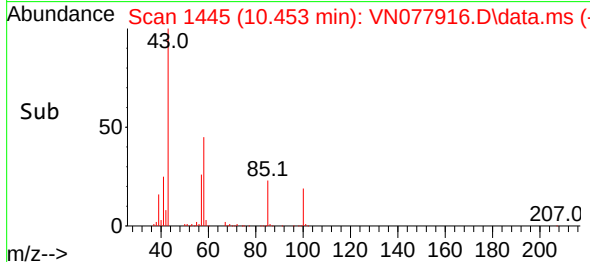
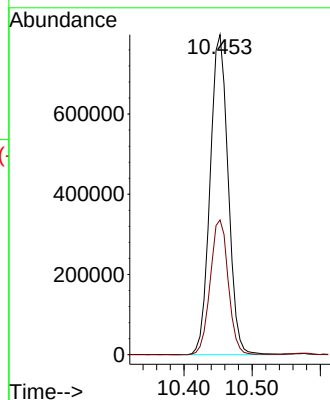
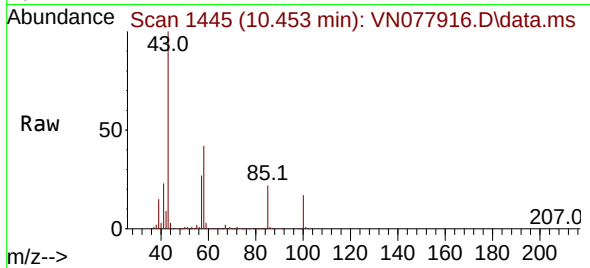




#51
4-Methyl-2-Pentanone
Concen: 257.020 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

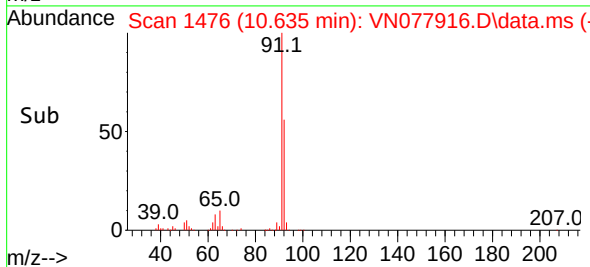
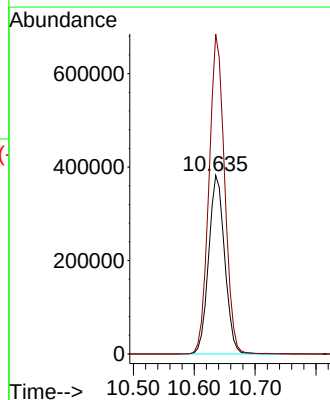
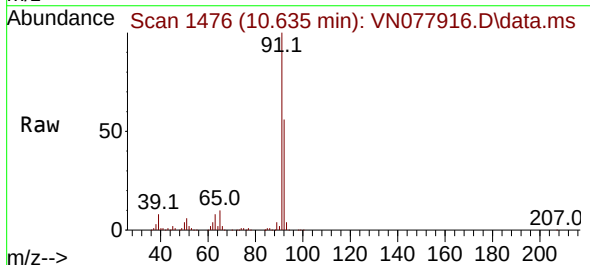
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

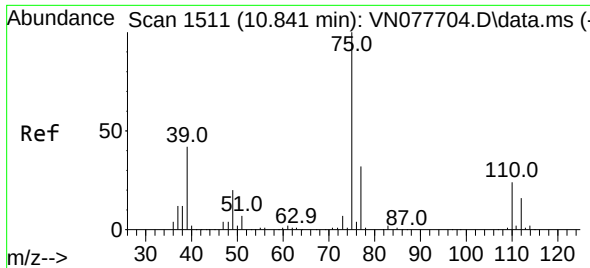
Tgt Ion: 43 Resp: 1468570
Ion Ratio Lower Upper
43 100
58 42.1 36.6 54.8



#52
Toluene
Concen: 57.486 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 92 Resp: 697297
Ion Ratio Lower Upper
92 100
91 175.3 137.4 206.0

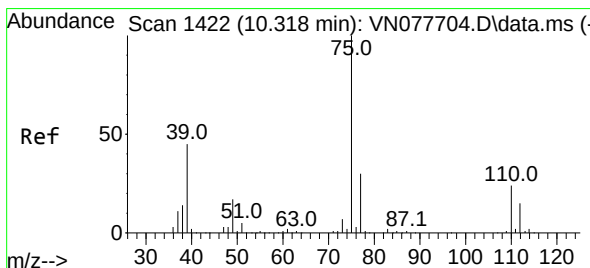
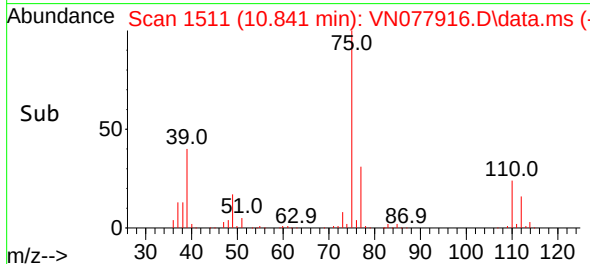
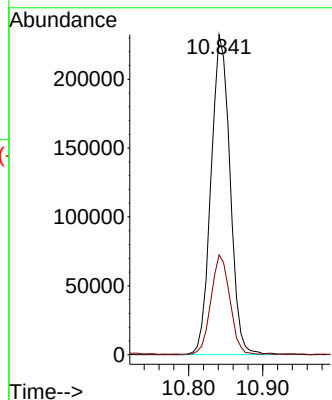
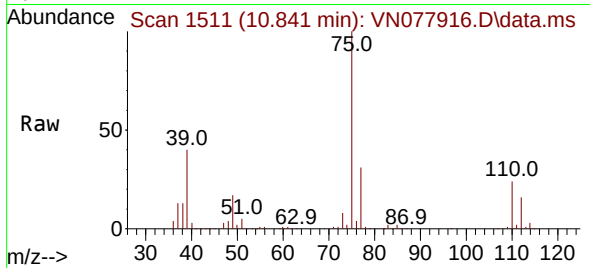




#53
 t-1,3-Dichloropropene
 Concen: 57.451 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

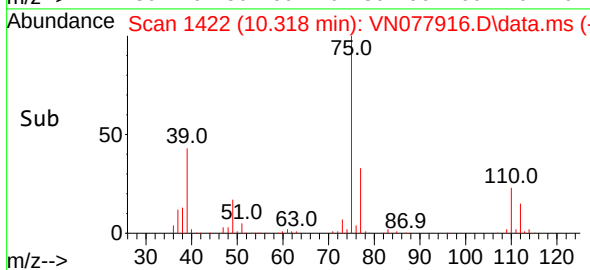
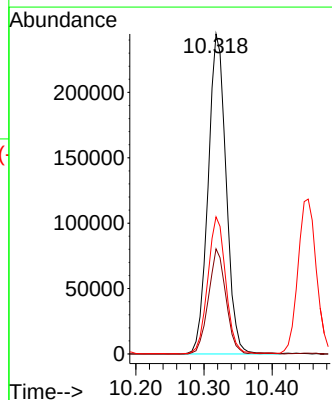
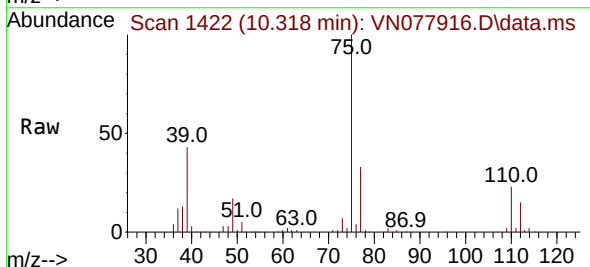
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

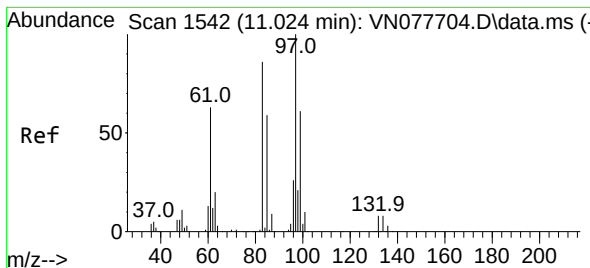
Tgt Ion: 75 Resp: 414220
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 56.587 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Tgt Ion: 75 Resp: 449612
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.1 39.1
 39 42.8 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 57.813 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 278444

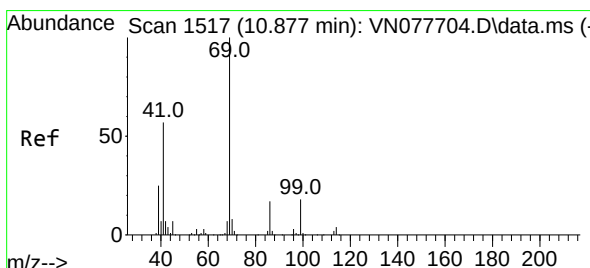
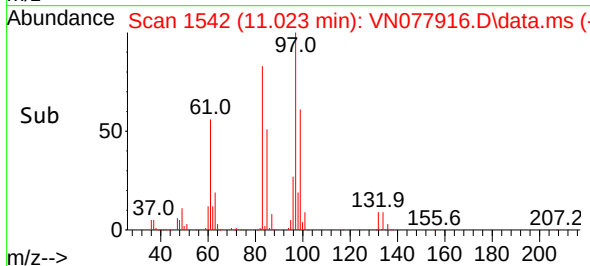
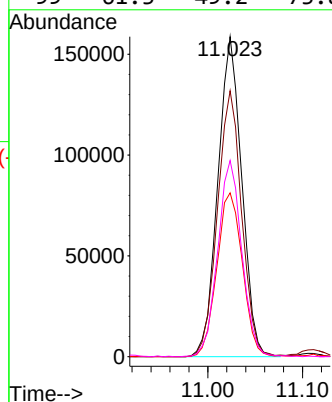
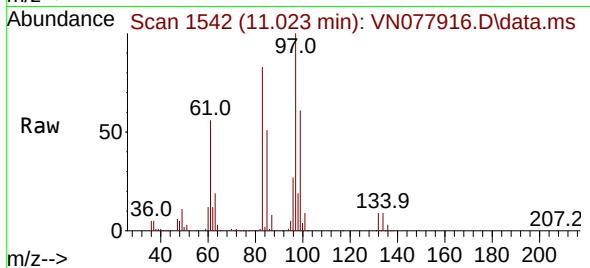
Ion Ratio Lower Upper

97 100

83 83.1 65.1 97.7

85 51.2 43.4 65.2

99 61.3 49.2 73.8



#56

Ethyl methacrylate

Concen: 55.576 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

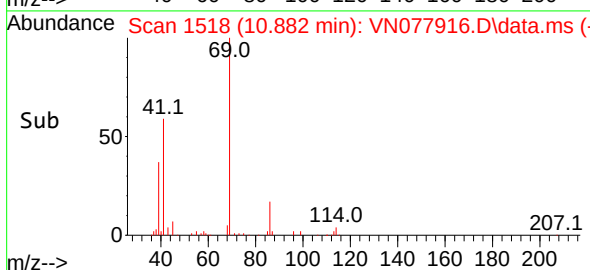
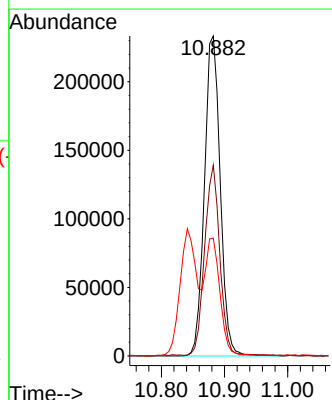
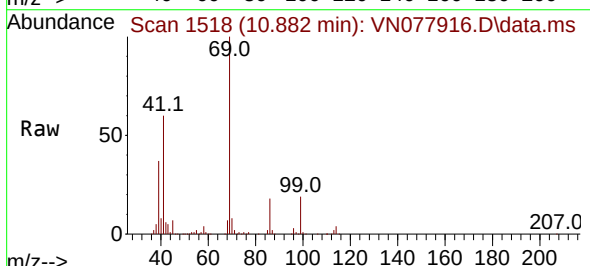
Tgt Ion: 69 Resp: 404722

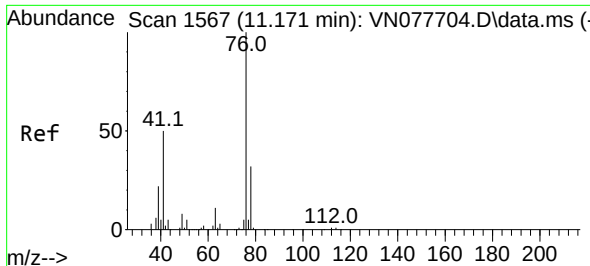
Ion Ratio Lower Upper

69 100

41 57.1 39.6 59.4

39 32.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 56.905 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

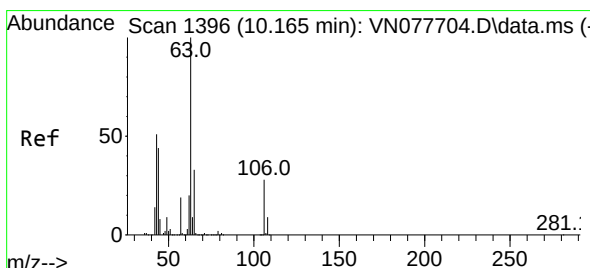
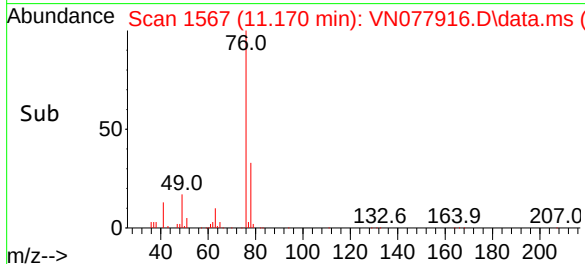
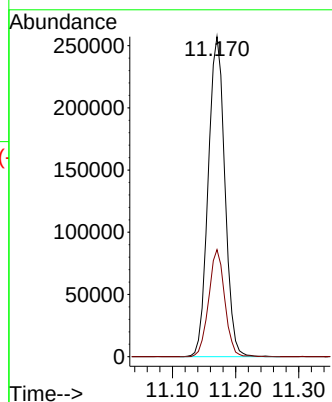
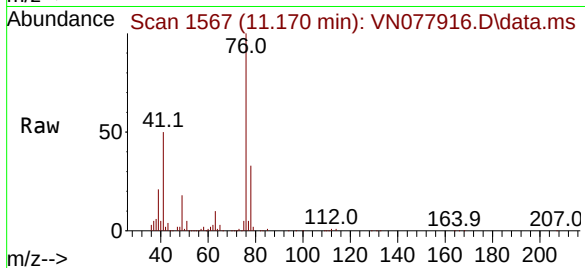
VSTDCCC050EC

Tgt Ion: 76 Resp: 469851

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 221.748 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077916.D

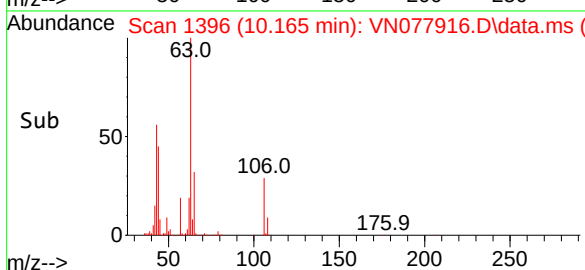
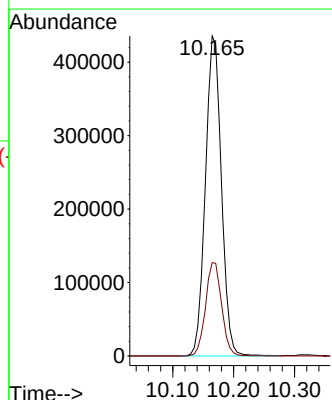
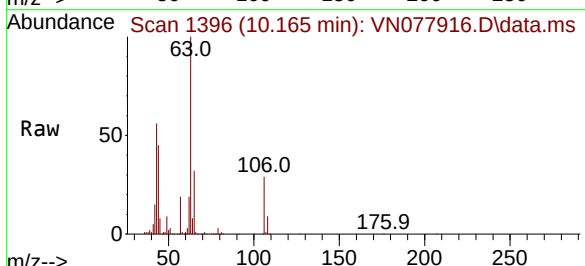
Acq: 25 May 2023 20:49

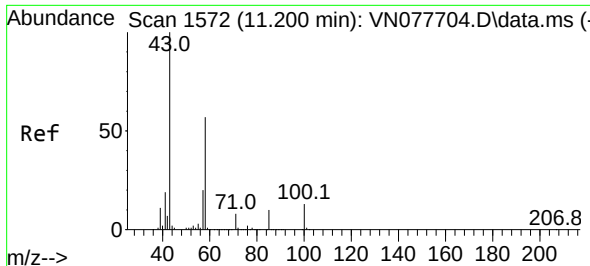
Tgt Ion: 63 Resp: 794431

Ion Ratio Lower Upper

63 100

106 29.3 26.2 39.4

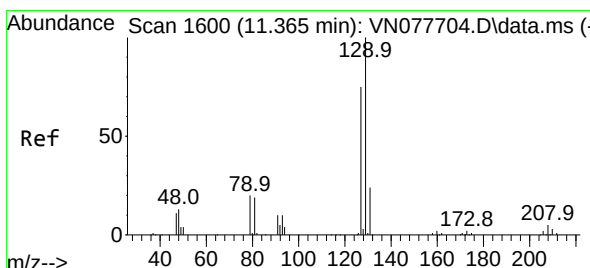
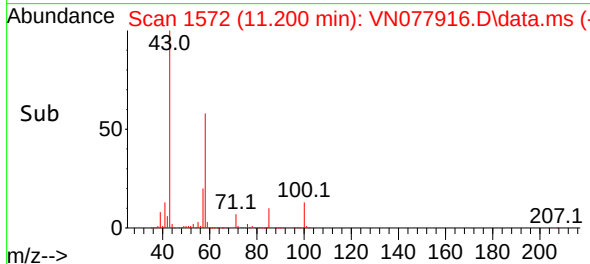
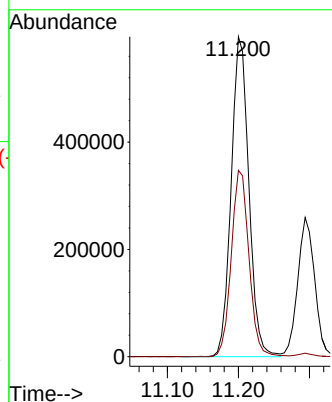
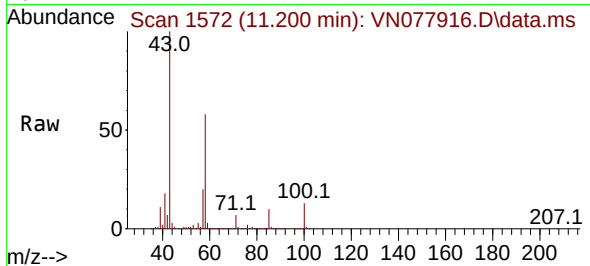




#59
2-Hexanone
Concen: 243.887 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

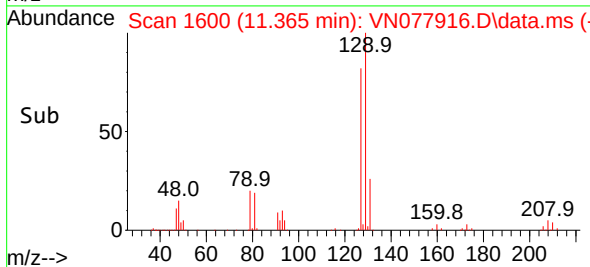
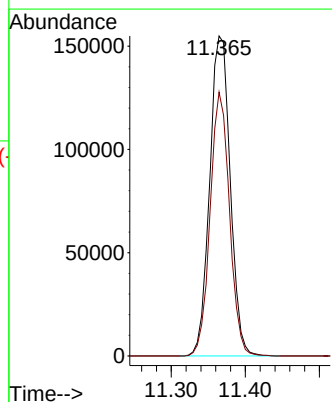
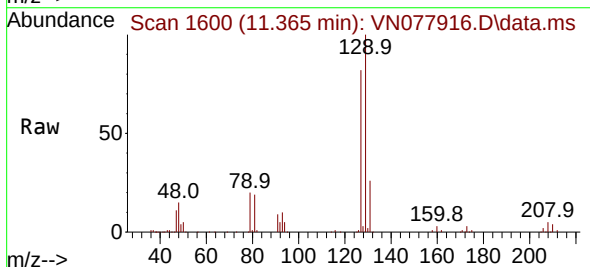
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

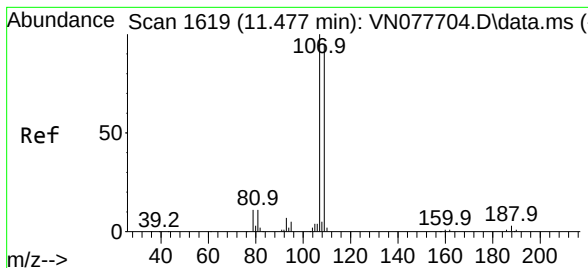
Tgt Ion: 43 Resp: 1030738
Ion Ratio Lower Upper
43 100
58 58.5 31.7 95.1



#60
Dibromochloromethane
Concen: 60.061 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion:129 Resp: 298628
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0

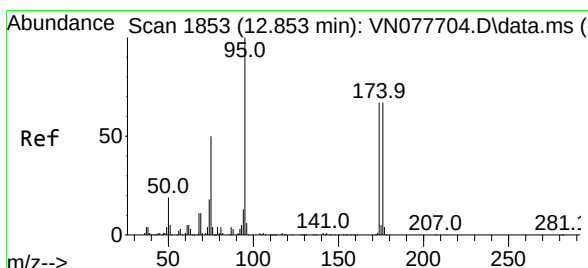
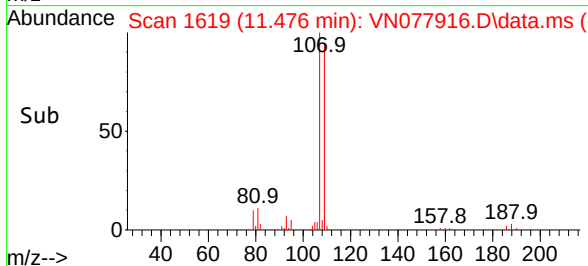
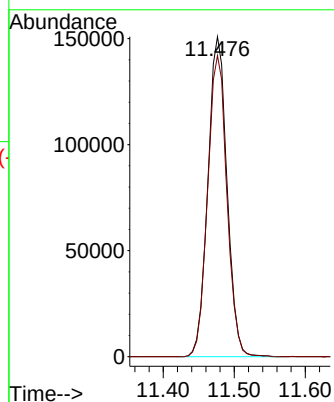
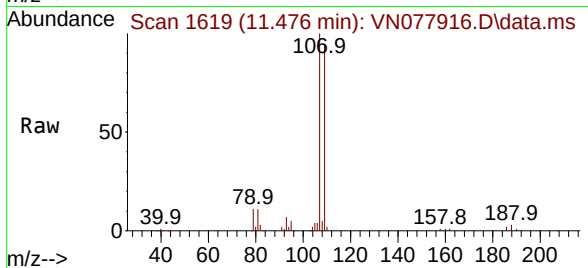




#61
1,2-Dibromoethane
Concen: 58.773 ug/l
RT: 11.476 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

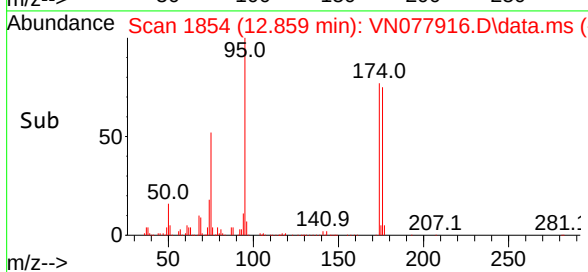
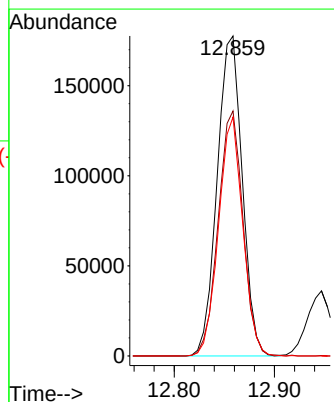
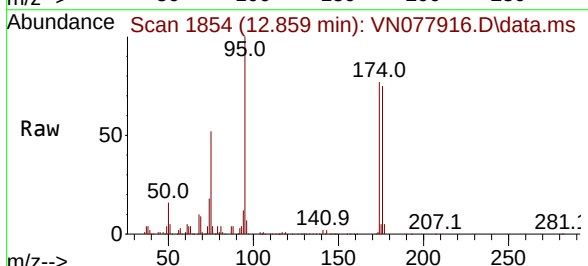
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

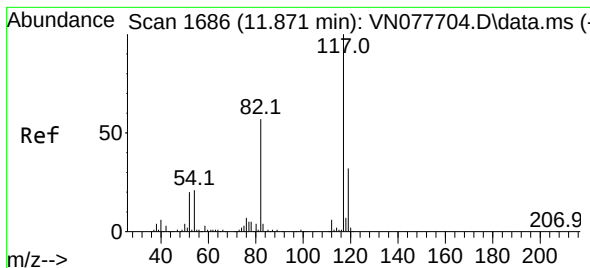
Tgt Ion:107 Resp: 282393
Ion Ratio Lower Upper
107 100
109 94.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.340 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 95 Resp: 308919
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 72.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

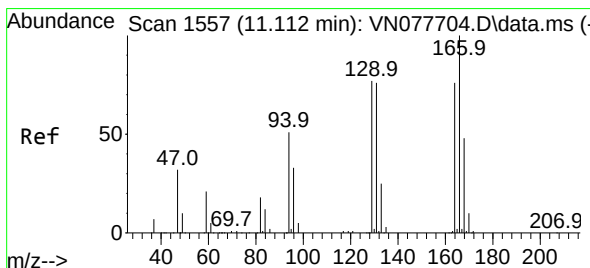
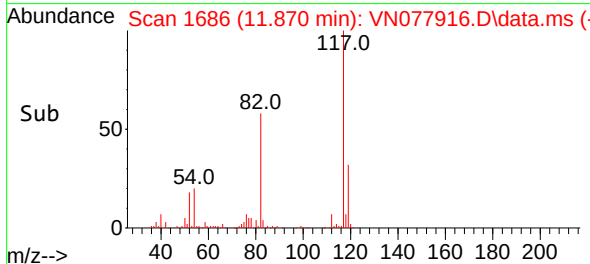
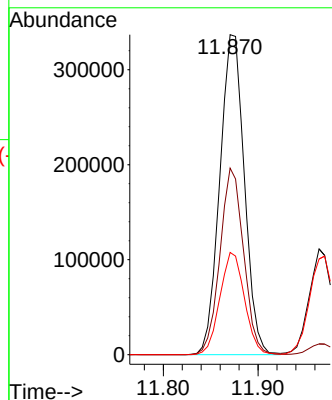
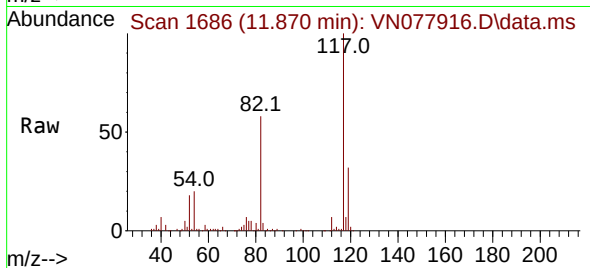
Tgt Ion:117 Resp: 607974

Ion Ratio Lower Upper

117 100

82 58.3 44.0 66.0

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 61.874 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Tgt Ion:164 Resp: 263071

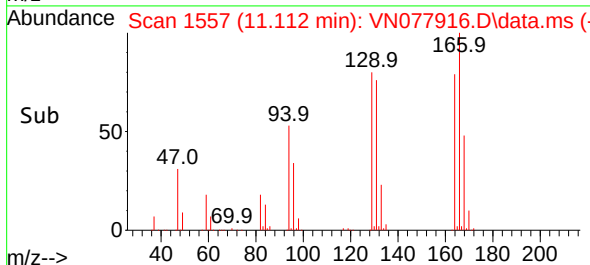
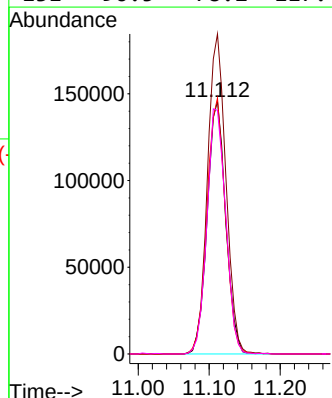
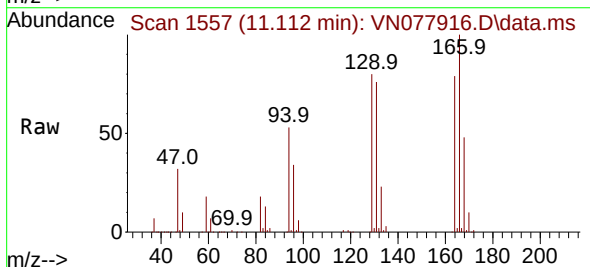
Ion Ratio Lower Upper

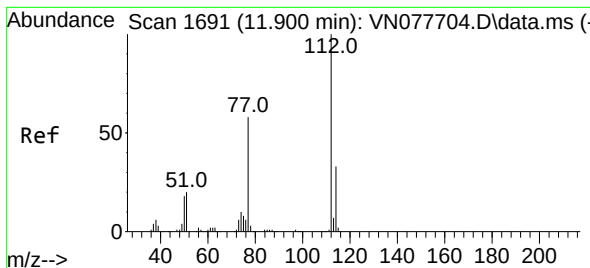
164 100

166 126.7 101.4 152.0

129 101.3 82.4 123.6

131 96.5 78.2 117.4





#65

Chlorobenzene

Concen: 56.721 ug/l

RT: 11.900 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

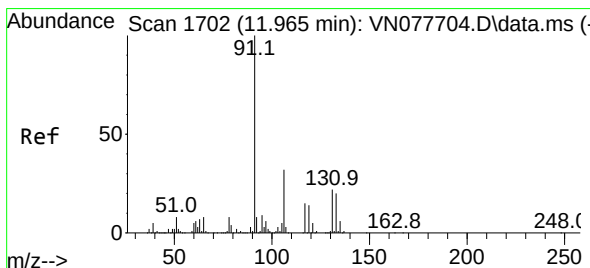
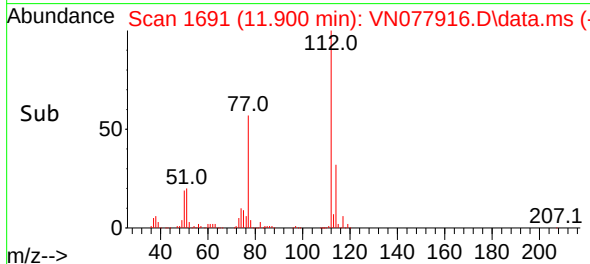
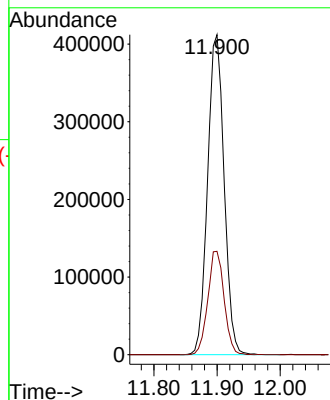
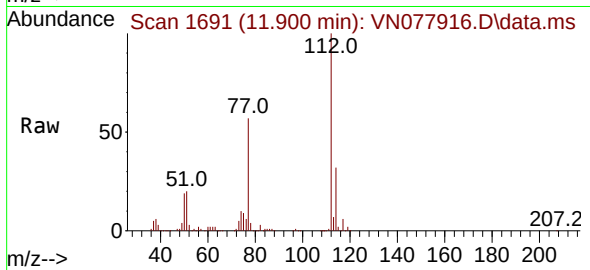
VSTDCCC050EC

Tgt Ion:112 Resp: 747591

Ion Ratio Lower Upper

112 100

114 32.3 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 62.025 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

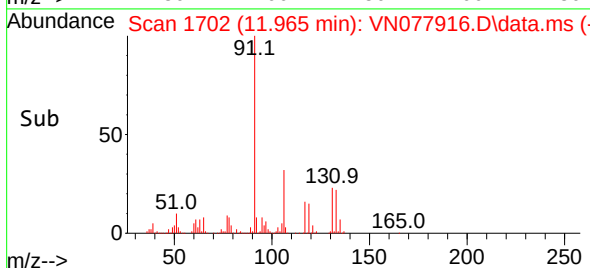
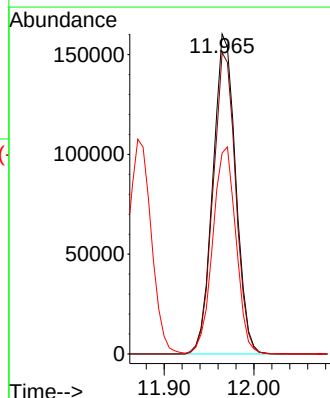
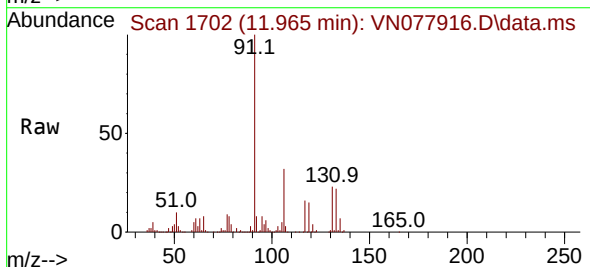
Tgt Ion:131 Resp: 282867

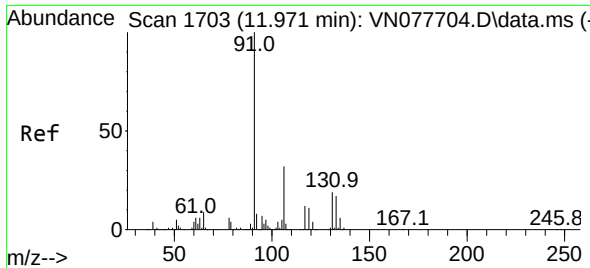
Ion Ratio Lower Upper

131 100

133 93.5 46.4 139.1

119 66.0 34.1 102.2

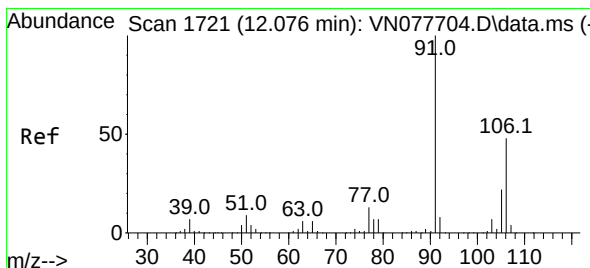
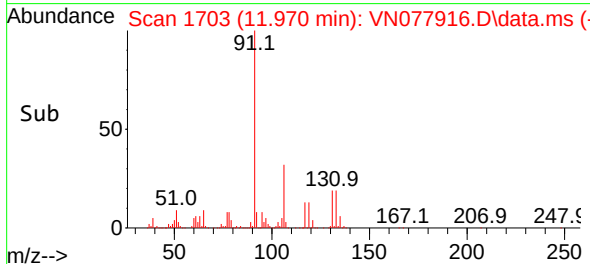
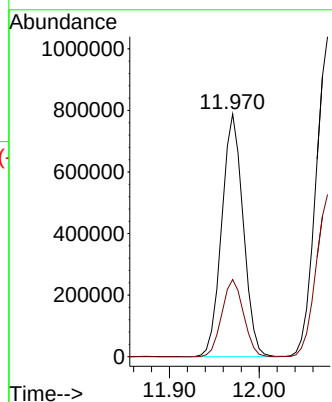
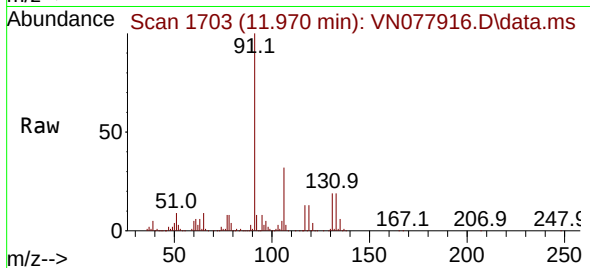




#67
Ethyl Benzene
Concen: 55.453 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

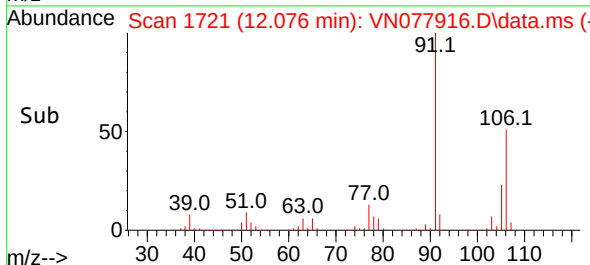
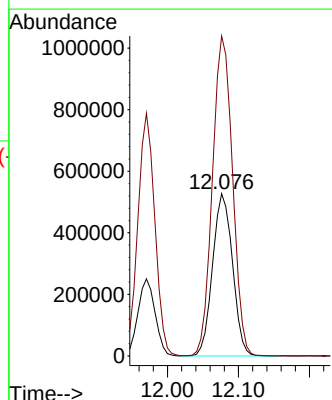
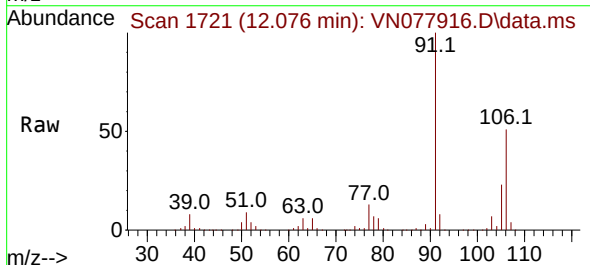
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

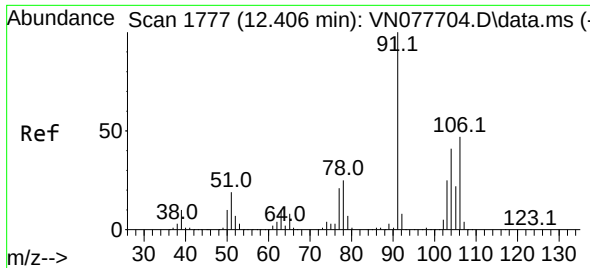
Tgt Ion: 91 Resp: 1309771
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4



#68
m/p-Xylenes
Concen: 114.565 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion:106 Resp: 1025316
Ion Ratio Lower Upper
106 100
91 198.9 159.6 239.4

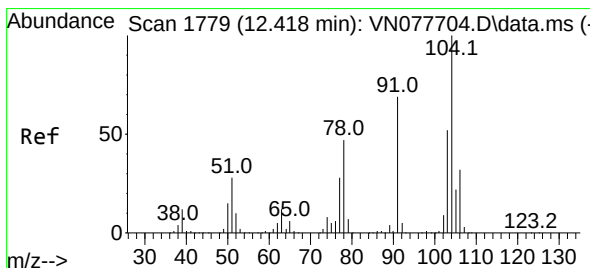
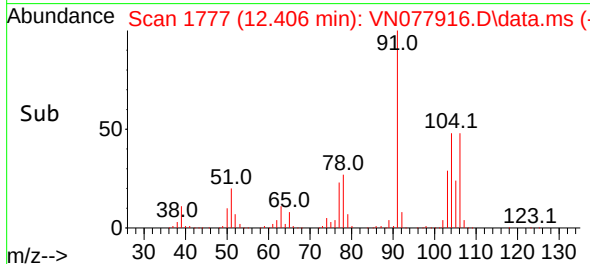
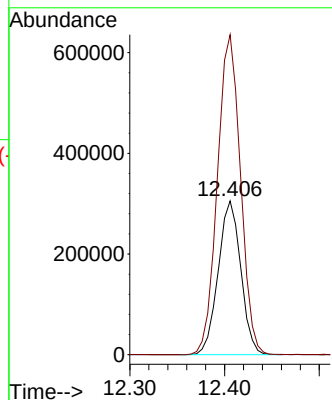
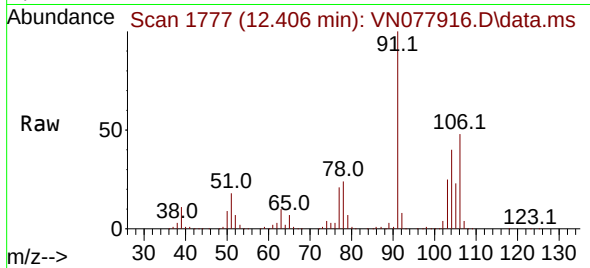




#69
o-Xylene
Concen: 57.486 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

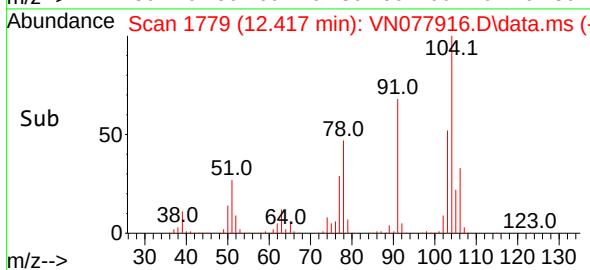
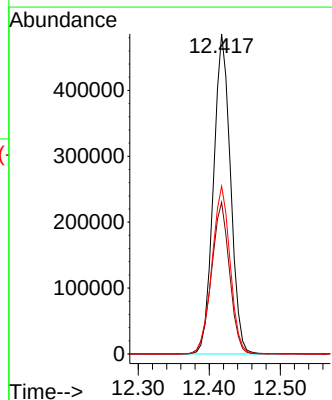
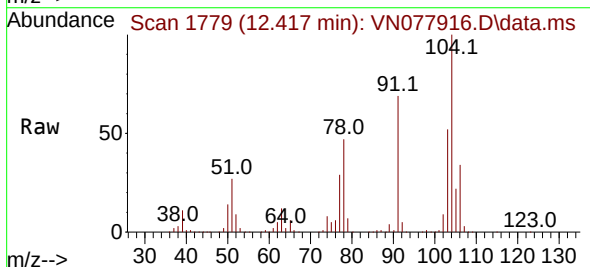
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

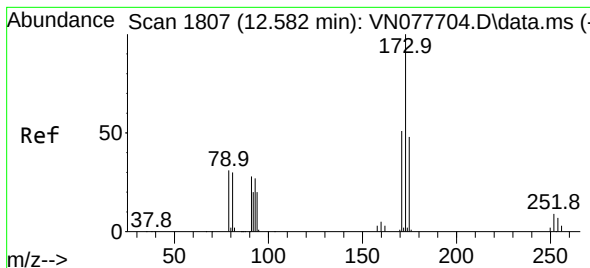
Tgt Ion:106 Resp: 505960
Ion Ratio Lower Upper
106 100
91 213.3 105.2 315.5



#70
Styrene
Concen: 57.759 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion:104 Resp: 807576
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 55.9 43.2 64.8





#71

Bromoform

Concen: 61.393 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

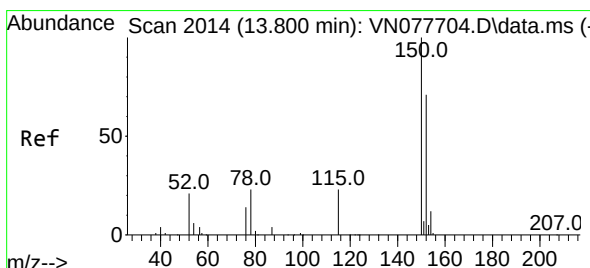
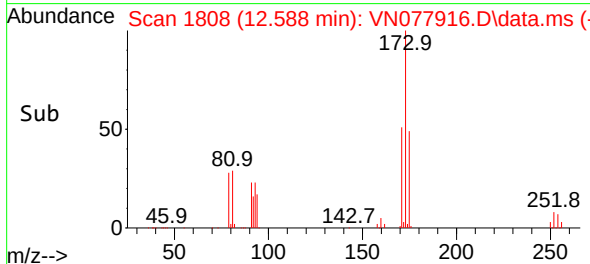
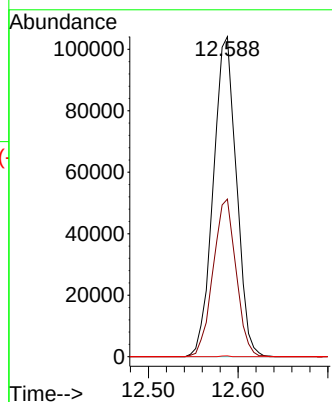
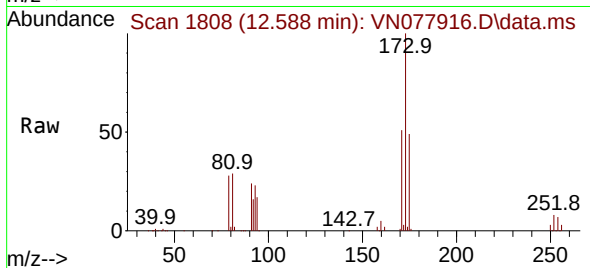
Tgt Ion:173 Resp: 186253

Ion Ratio Lower Upper

173 100

175 48.9 24.3 73.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

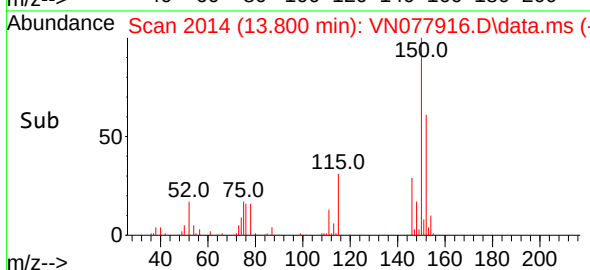
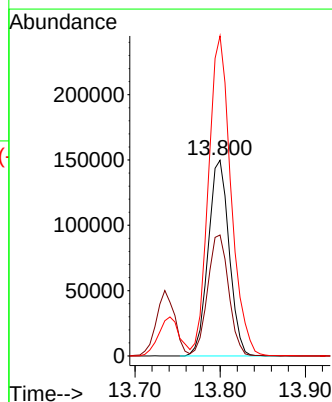
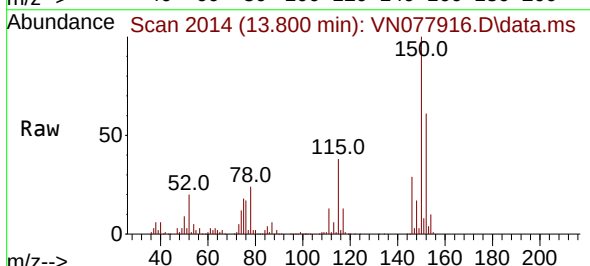
Tgt Ion:152 Resp: 255409

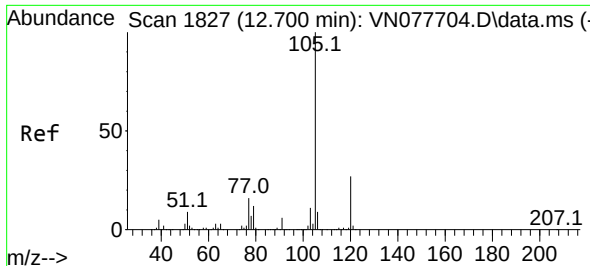
Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 175.3 0.0 355.8

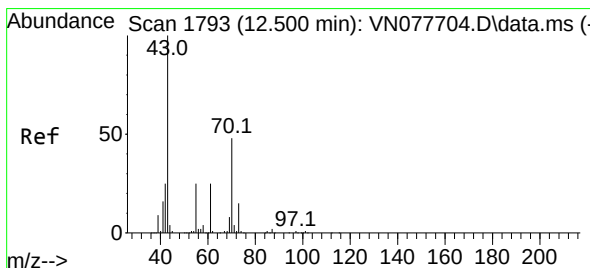
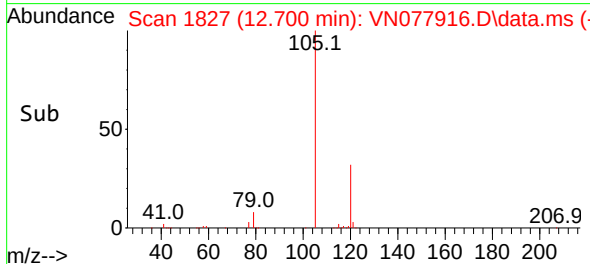
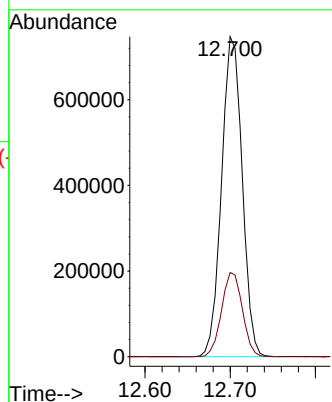
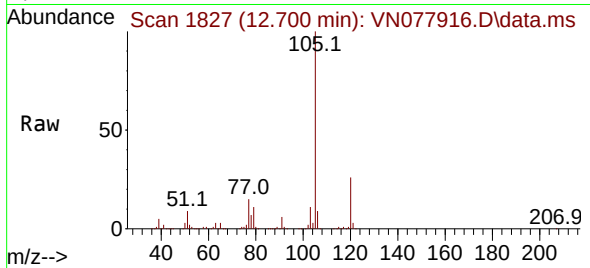




#73
Isopropylbenzene
Concen: 57.259 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

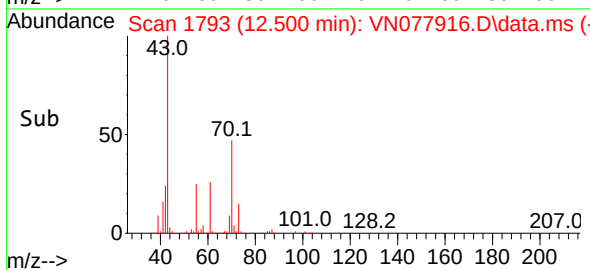
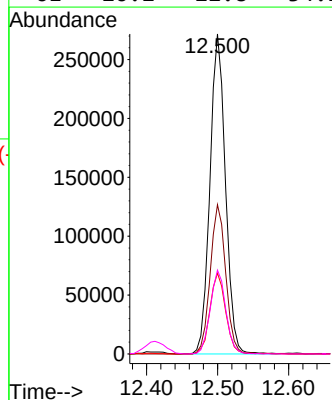
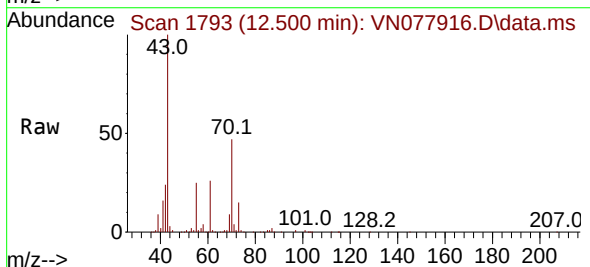
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

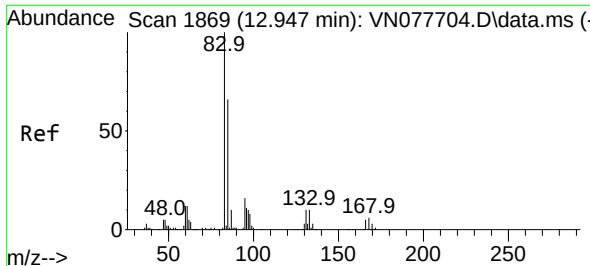
Tgt Ion:105 Resp: 1260634
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1



#74
N-ethyl acetate
Concen: 50.820 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 43 Resp: 413570
Ion Ratio Lower Upper
43 100
70 46.4 43.4 65.2
55 25.6 21.4 32.0
61 26.2 22.8 34.2

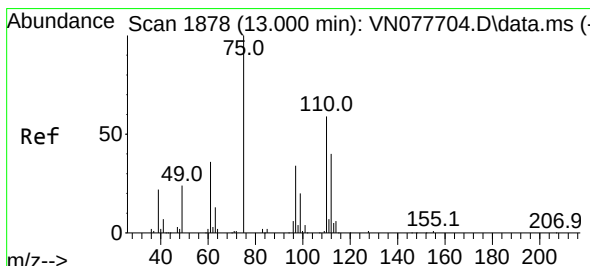
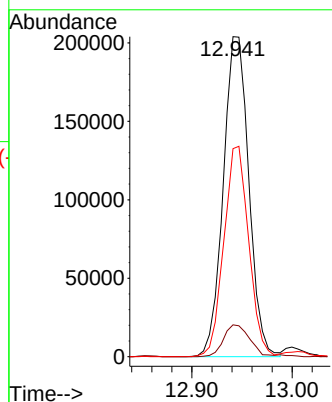
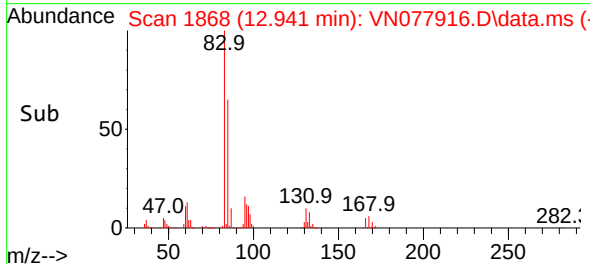
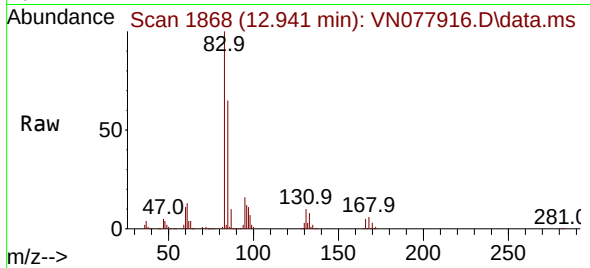




#75
1,1,2,2-Tetrachloroethane
Concen: 53.341 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

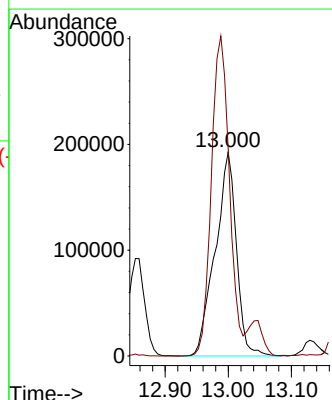
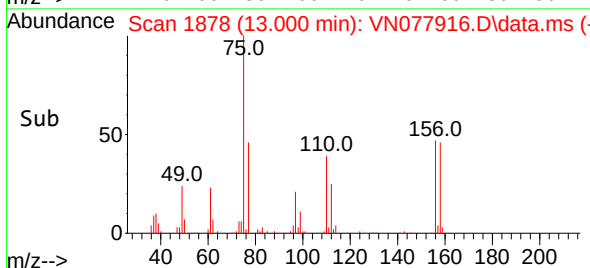
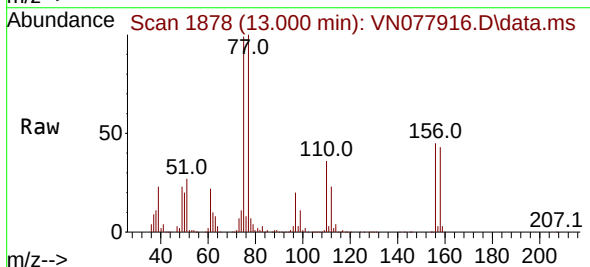
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

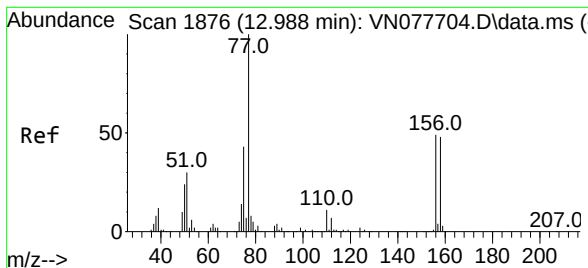
Tgt Ion: 83 Resp: 361282
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 63.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 70.199 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 75 Resp: 449016
Ion Ratio Lower Upper
75 100
77 133.7 84.5 253.5





#77

Bromobenzene

Concen: 57.140 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

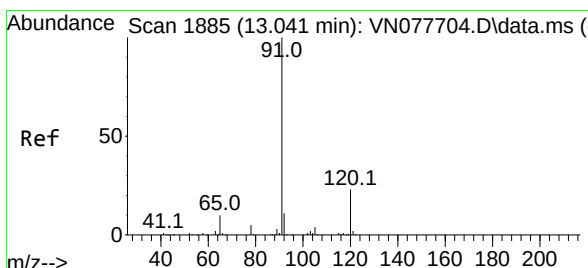
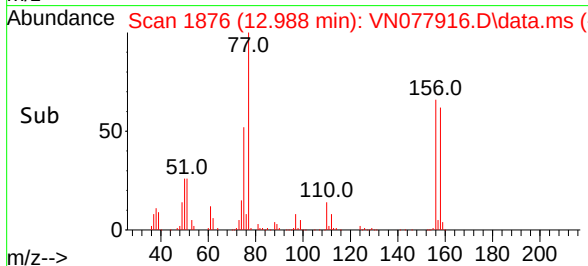
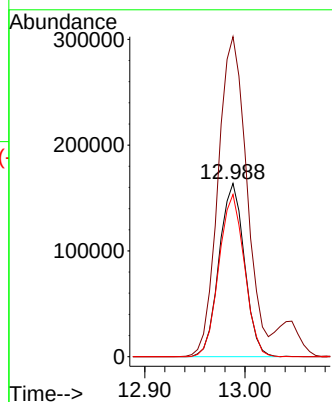
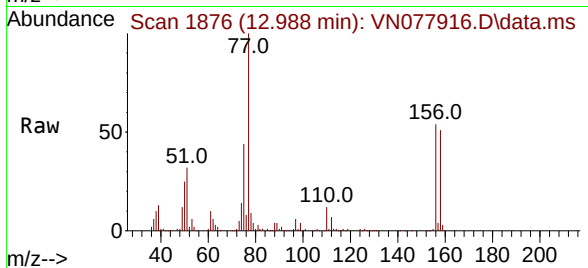
Tgt Ion:156 Resp: 287090

Ion Ratio Lower Upper

156 100

77 209.2 107.7 323.3

158 94.4 48.4 145.3



#78

n-propylbenzene

Concen: 54.209 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN077916.D

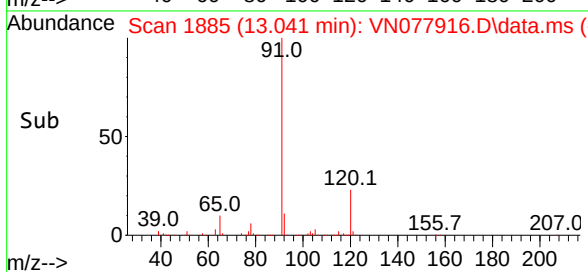
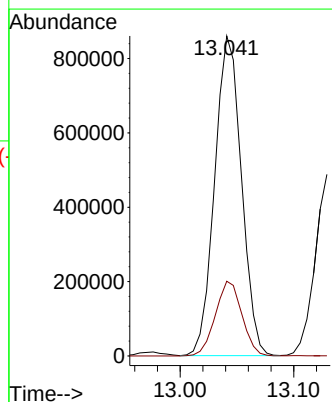
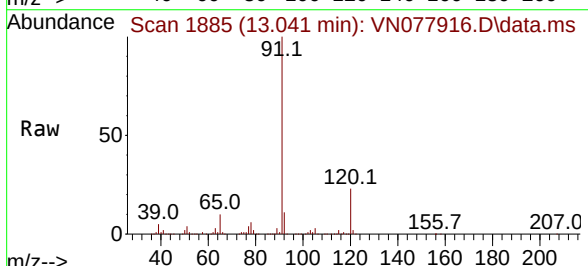
Acq: 25 May 2023 20:49

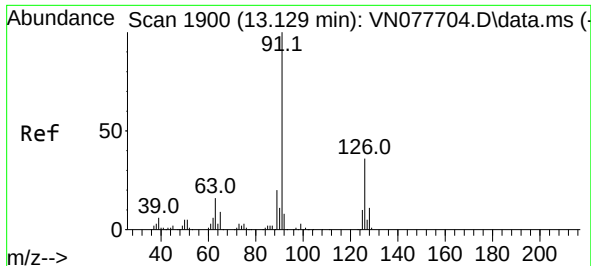
Tgt Ion: 91 Resp: 1407039

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

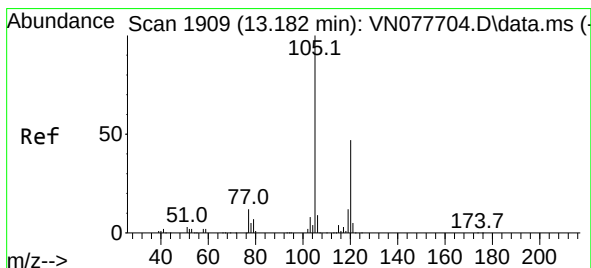
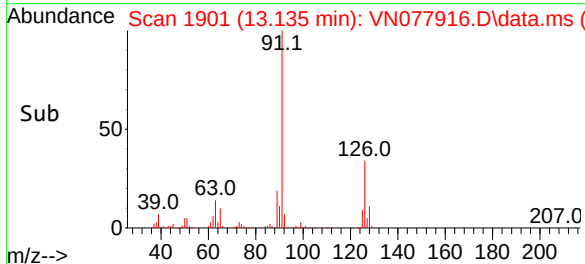
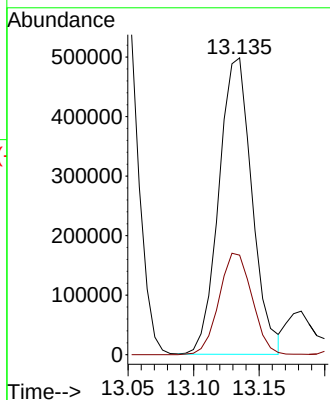
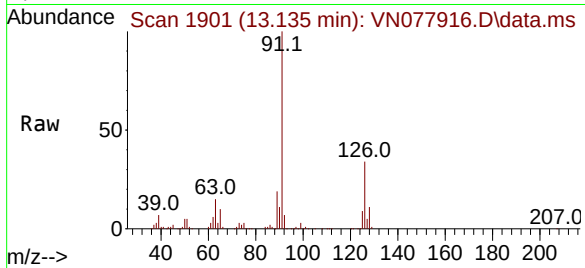




#79
2-Chlorotoluene
Concen: 56.688 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

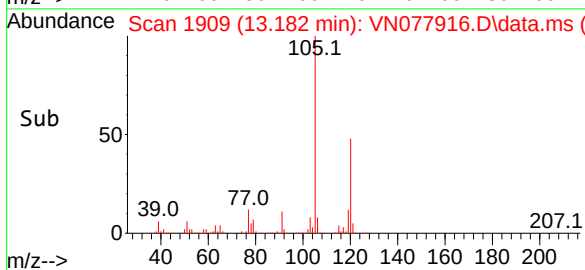
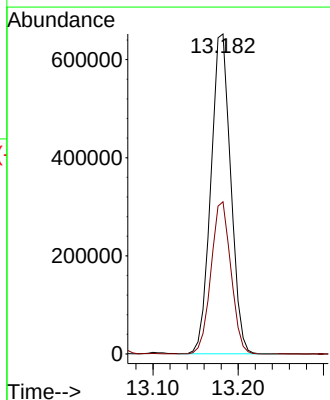
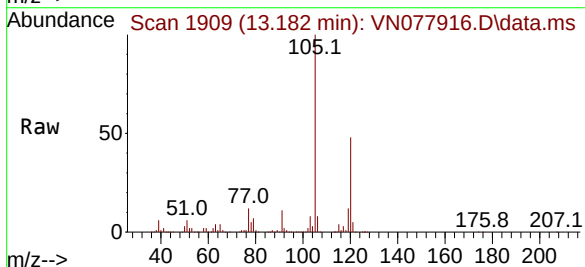
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

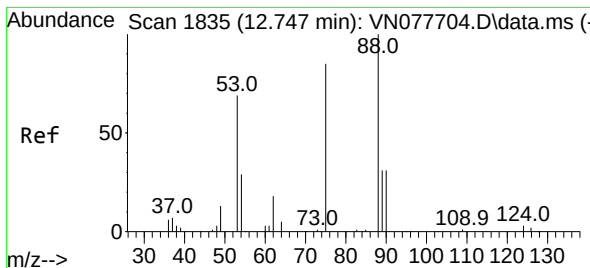
Tgt Ion: 91 Resp: 877998
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 56.902 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion:105 Resp: 1052907
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3

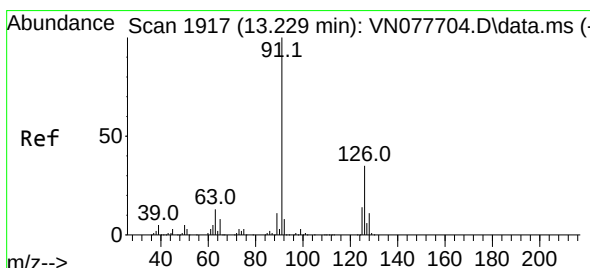
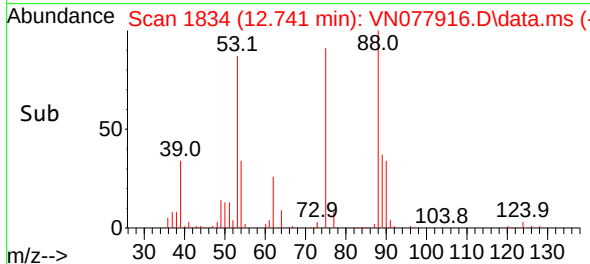
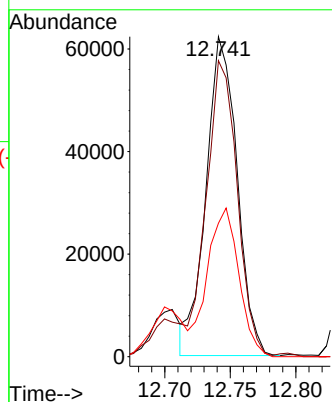
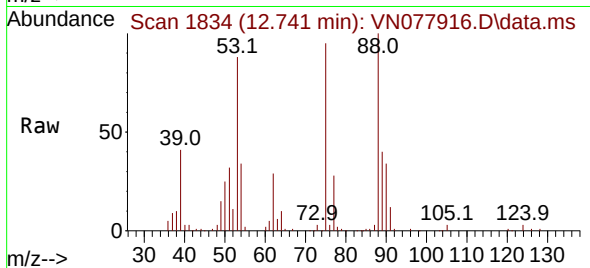




#81
trans-1,4-Dichloro-2-butene
Concen: 51.304 ug/l
RT: 12.741 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

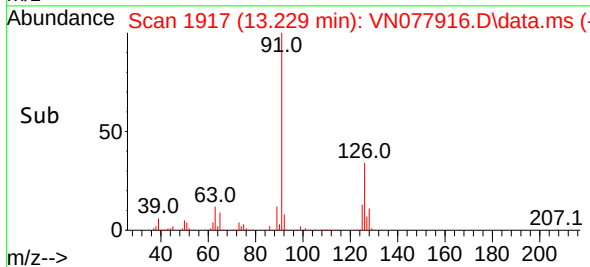
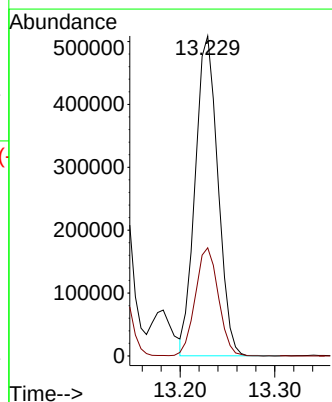
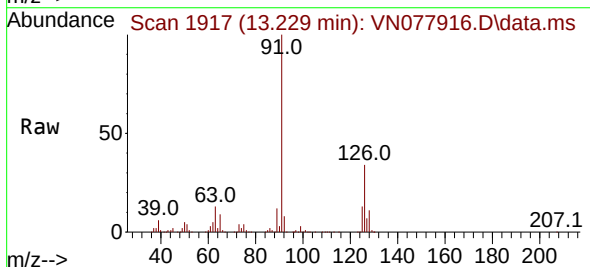
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

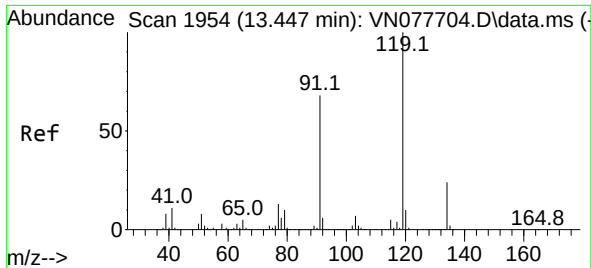
Tgt Ion: 75 Resp: 102662
Ion Ratio Lower Upper
75 100
53 90.6 67.4 101.2
89 47.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 54.837 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 91 Resp: 845050
Ion Ratio Lower Upper
91 100
126 34.5 16.7 50.0

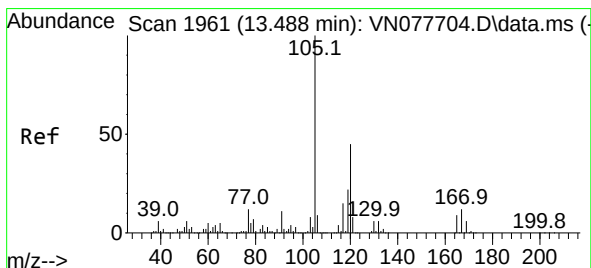
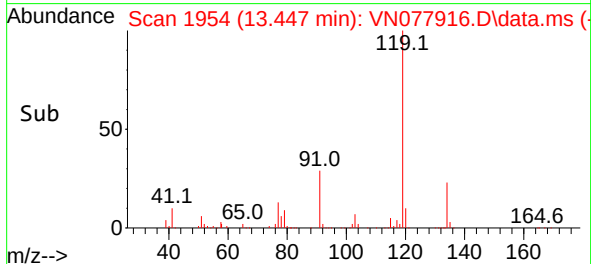
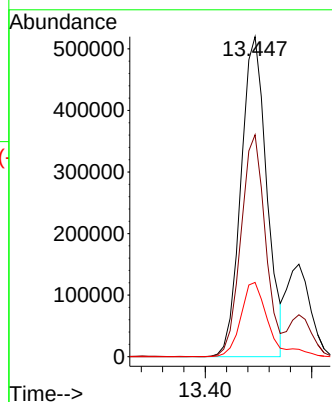
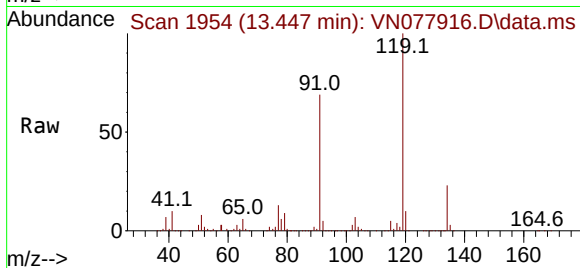




#83
tert-Butylbenzene
Concen: 54.243 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

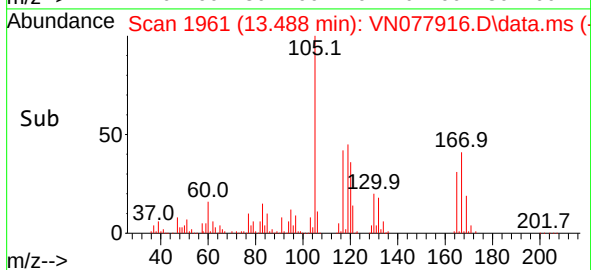
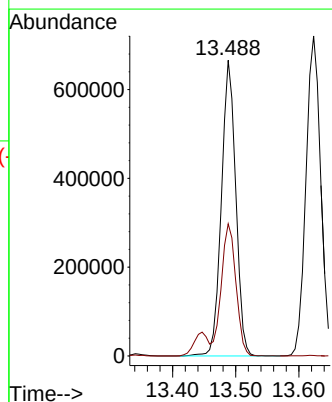
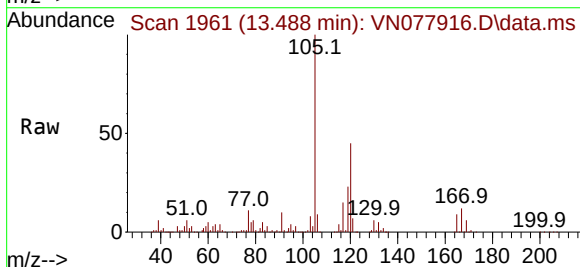
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

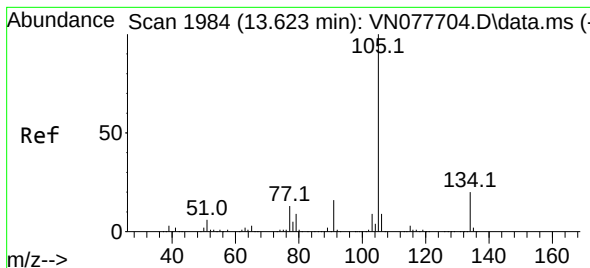
Tgt Ion:119 Resp: 876223
Ion Ratio Lower Upper
119 100
91 65.8 33.9 101.7
134 24.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 57.895 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion:105 Resp: 1053591
Ion Ratio Lower Upper
105 100
120 45.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 50.869 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

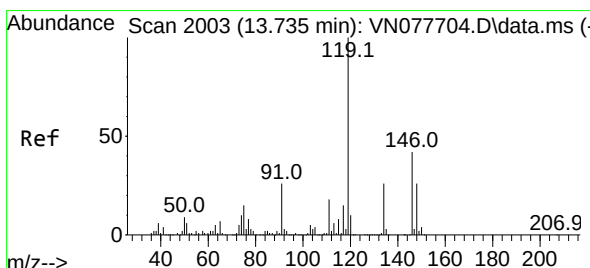
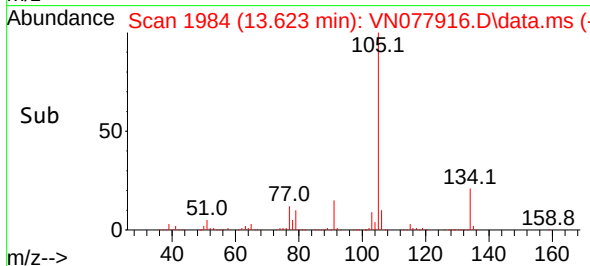
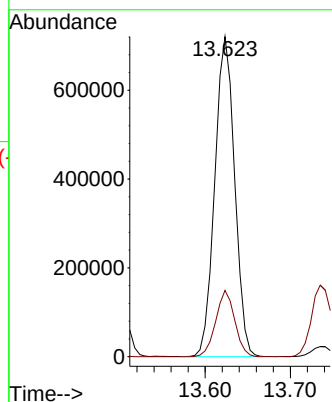
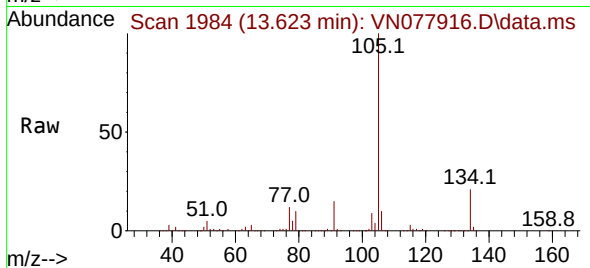
VSTDCCC050EC

Tgt Ion:105 Resp: 1167812

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.892 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

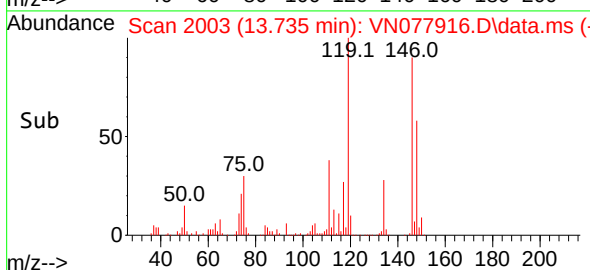
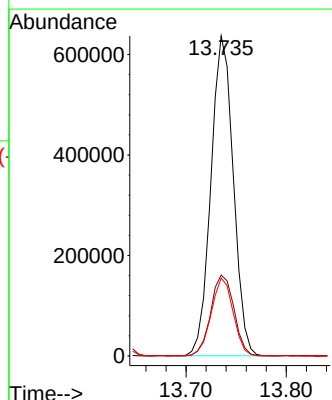
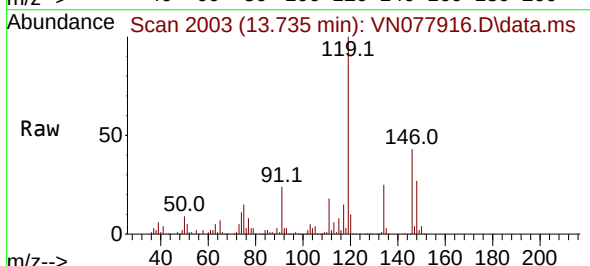
Tgt Ion:119 Resp: 986345

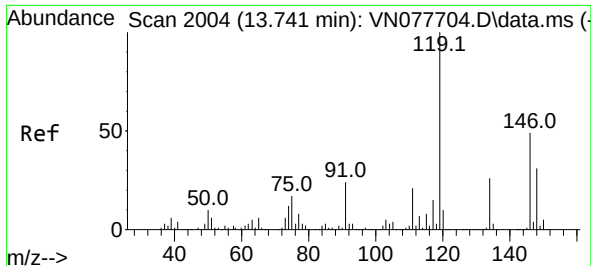
Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.8

91 23.8 12.4 37.2

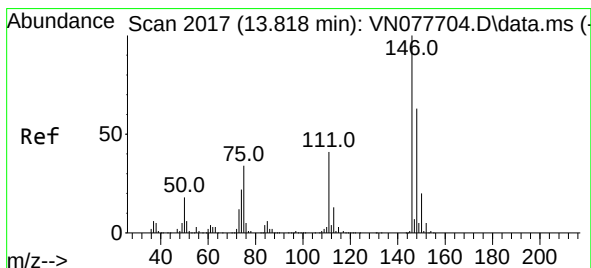
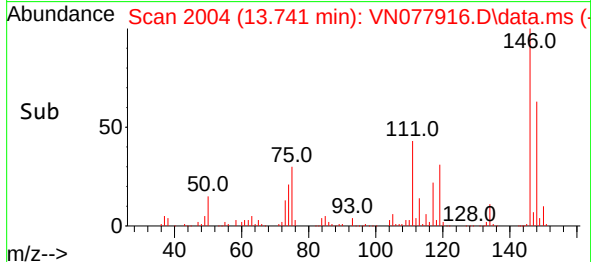
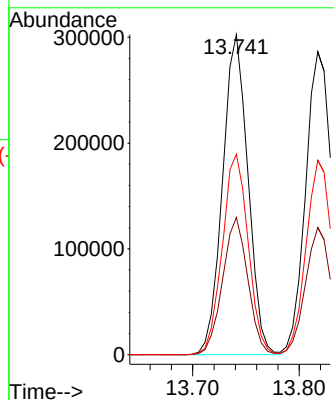
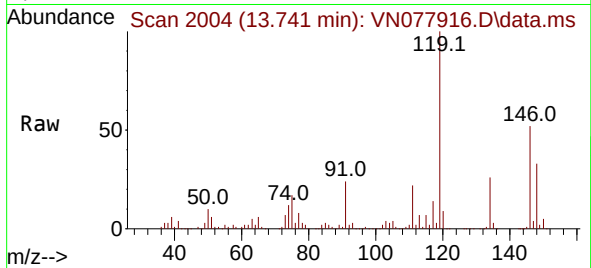




#87
1,3-Dichlorobenzene
Concen: 53.917 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

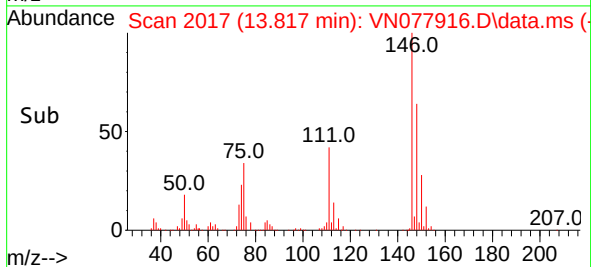
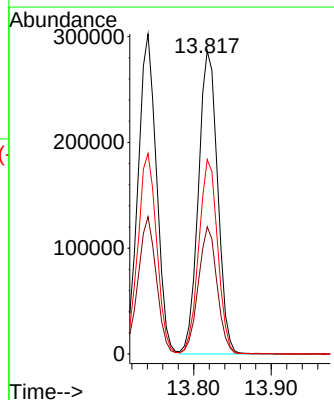
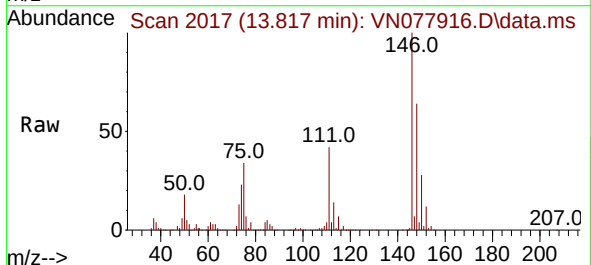
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

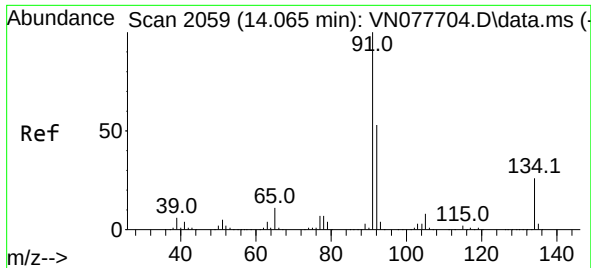
Tgt Ion:146 Resp: 500980
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.3
148 63.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 53.426 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion:146 Resp: 492607
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.8
148 63.1 31.6 94.8

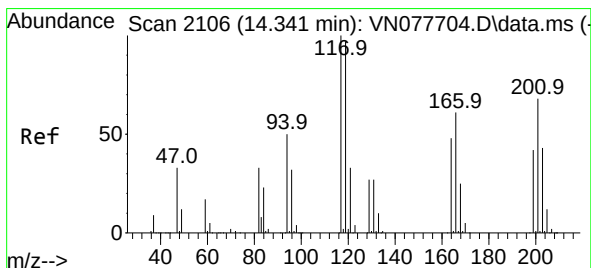
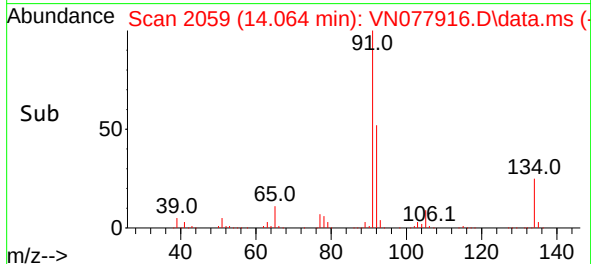
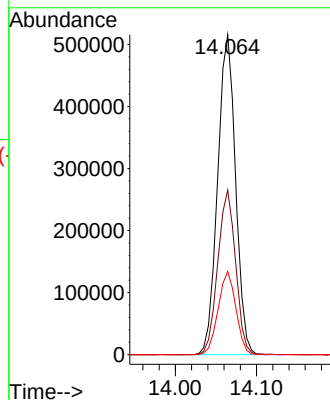
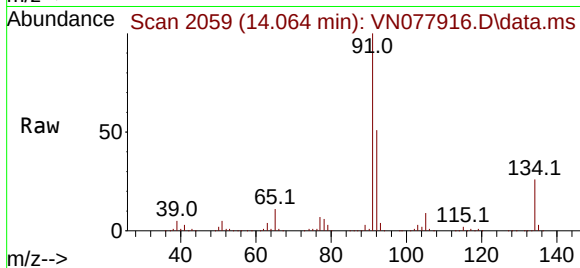




#89
n-Butylbenzene
Concen: 47.073 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

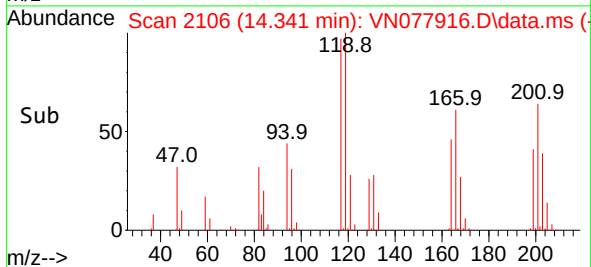
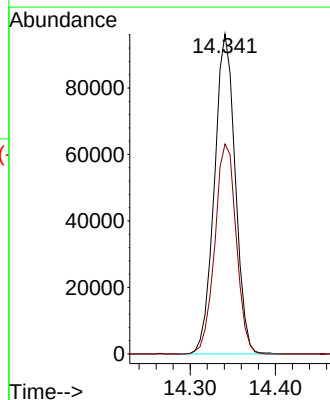
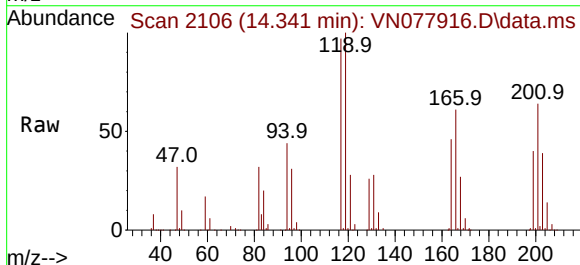
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

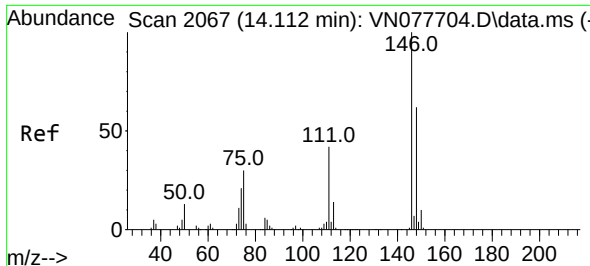
Tgt Ion: 91 Resp: 792425
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 25.7 12.6 37.6



#90
Hexachloroethane
Concen: 54.420 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion: 117 Resp: 163623
Ion Ratio Lower Upper
117 100
201 67.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 58.190 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

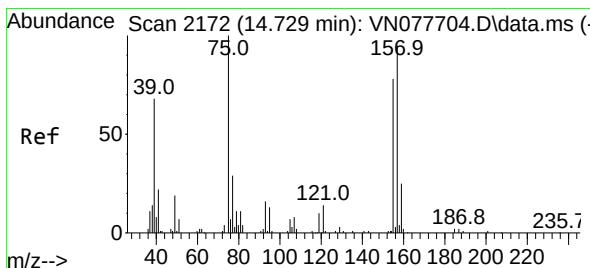
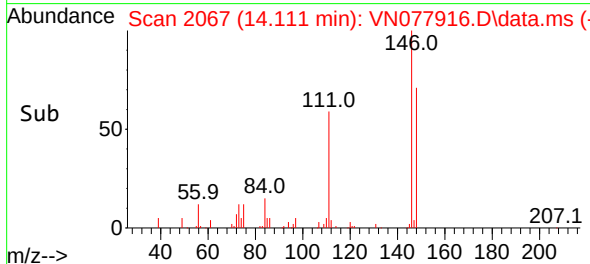
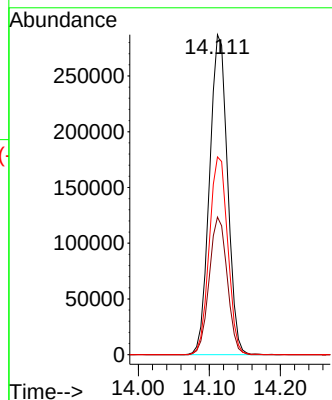
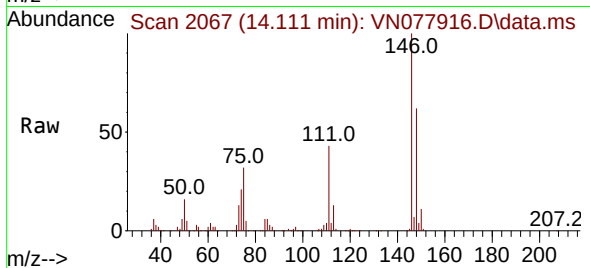
Tgt Ion:146 Resp: 505108

Ion Ratio Lower Upper

146 100

111 43.0 22.0 66.0

148 63.2 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.794 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN077916.D

Acq: 25 May 2023 20:49

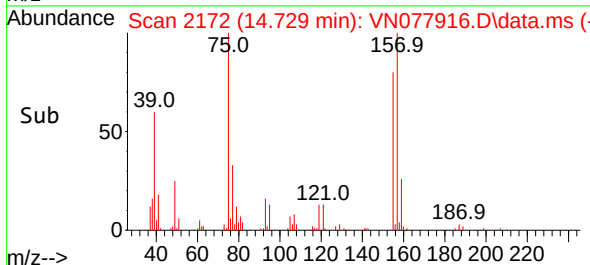
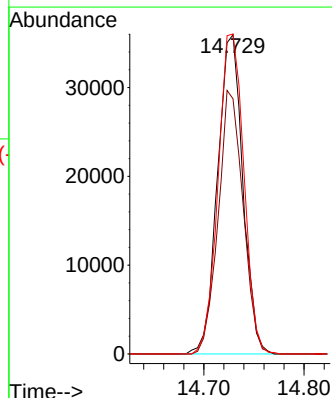
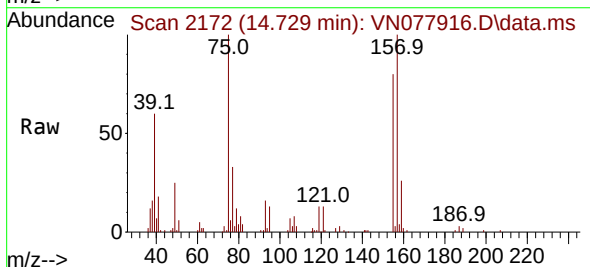
Tgt Ion: 75 Resp: 62672

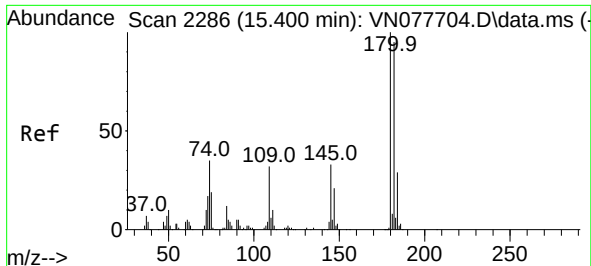
Ion Ratio Lower Upper

75 100

155 81.3 39.1 117.2

157 102.4 50.3 150.9

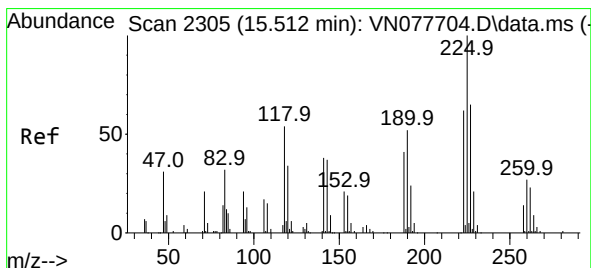
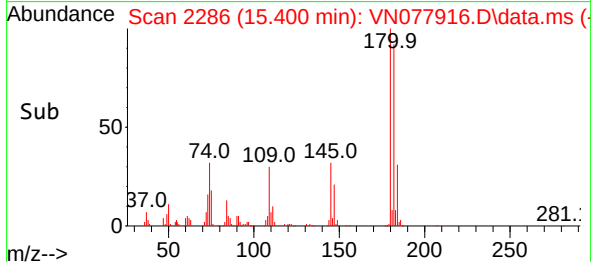
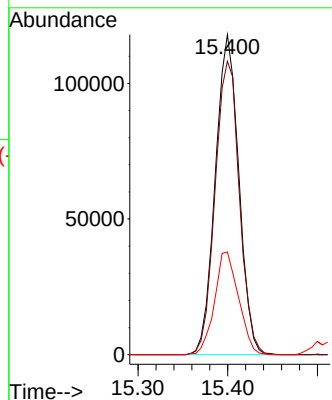
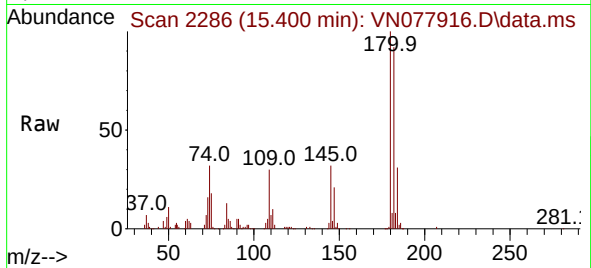




#93
1,2,4-Trichlorobenzene
Concen: 42.252 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

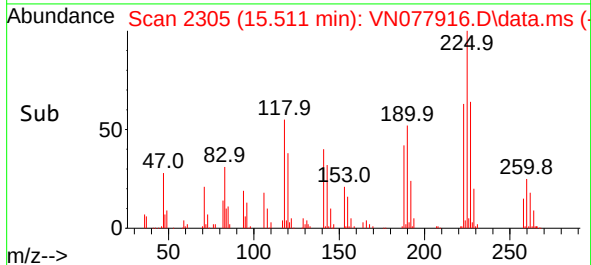
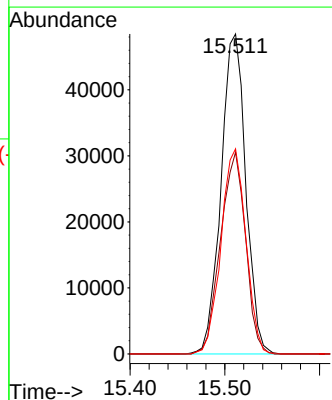
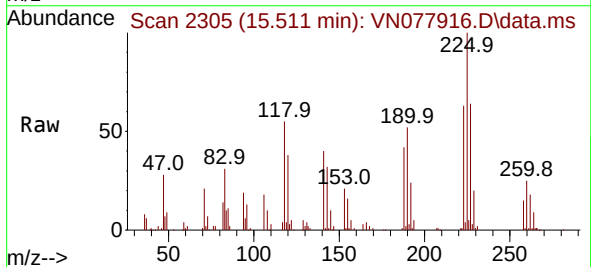
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

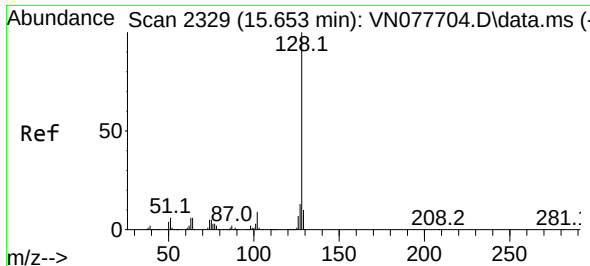
Tgt Ion:180 Resp: 214323
Ion Ratio Lower Upper
180 100
182 94.8 46.1 138.2
145 32.8 16.6 49.8



#94
Hexachlorobutadiene
Concen: 41.785 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion:225 Resp: 88004
Ion Ratio Lower Upper
225 100
223 63.7 31.3 93.8
227 64.5 31.9 95.9

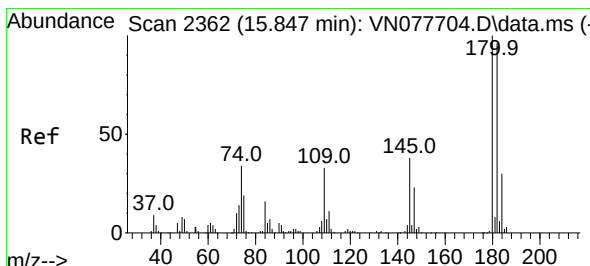
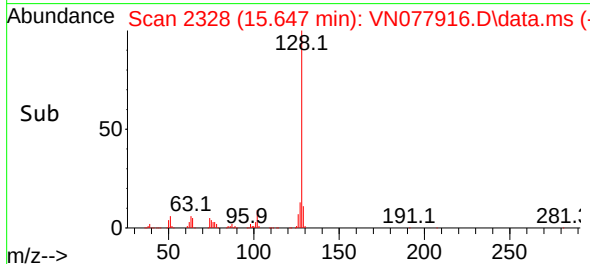
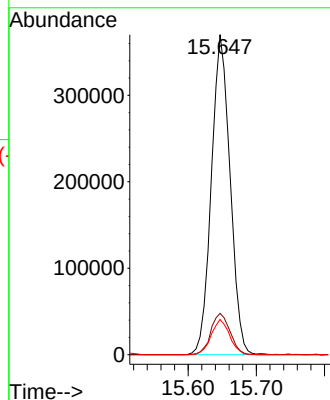
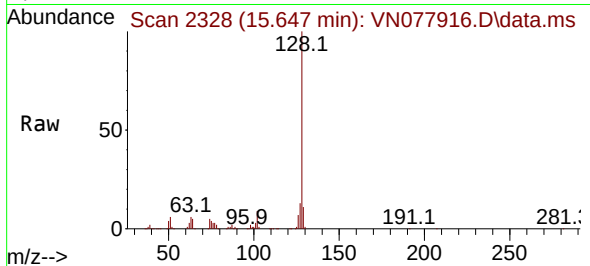




#95
Naphthalene
Concen: 40.532 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 707689
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.304 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077916.D
Acq: 25 May 2023 20:49

Tgt Ion:180 Resp: 220037
Ion Ratio Lower Upper
180 100
182 94.7 46.2 138.6
145 35.4 17.5 52.6

