

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102522\
 Data File : VN075008.D
 Acq On : 25 Oct 2022 13:46
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 10:25:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	16190	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	89461	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	82436	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	46043	31.103	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.667%	
60) 4-Bromofluorobenzene	12.853	95	48691	30.061	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.200%	
63) Toluene-d8	10.571	98	140380	30.447	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	16456	20.879	ug/l	97
3) Chloromethane	2.377	50	21439	20.680	ug/l	95
4) Vinyl Chloride	2.524	62	32588	20.788	ug/l	97
5) Bromomethane	2.930	94	27505	22.192	ug/l	93
6) Chloroethane	3.112	64	24025	19.868	ug/l	93
7) Trichlorofluoromethane	3.500	101	35985	21.331	ug/l	93
8) Diethyl Ether	3.977	74	14246	20.538	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	20415	20.644	ug/l	63
10) 1,1-Dichloroethene	4.353	96	19669	21.205	ug/l	90
11) Methyl Iodide	4.594	142	29236	20.204	ug/l	97
12) Methyl Acetate	5.042	43	32823	20.889	ug/l	93
13) Acrolein	4.189	56	19103	99.261	ug/l	98
14) Acrylonitrile	5.730	53	64552	99.438	ug/l	98
15) Acetone	4.453	58	20236	111.574	ug/l	77
16) Carbon Disulfide	4.724	76	40978	20.068	ug/l #	91
17) Allyl chloride	5.030	41	25543	20.552	ug/l	96
18) Methylene Chloride	5.283	84	23656	20.357	ug/l	90
19) trans-1,2-Dichloroethene	5.800	96	20387	19.770	ug/l	99
20) Diisopropyl ether	6.683	45	63827	19.786	ug/l	91
21) 1,1-Dichloroethane	6.583	63	41531	20.729	ug/l	99
22) cis-1,2-Dichloroethene	7.494	96	25317	19.430	ug/l	98
23) tert-Butyl Alcohol	5.541	59	30100	100.163	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	75298	19.848	ug/l #	79
25) Chloroform	7.971	83	43194	19.515	ug/l	99
26) Cyclohexane	8.265	56	31969	19.863	ug/l #	93
29) 1,1-Dichloropropene	8.377	75	29984	19.540	ug/l	98
30) 2-Butanone	7.494	43	91680	103.642	ug/l	97
31) 2,2-Dichloropropane	7.506	77	38064	20.307	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	39321	19.785	ug/l	100
33) Carbon Tetrachloride	8.365	117	32875	18.787	ug/l	99
34) Benzene	8.612	78	94659	20.178	ug/l #	94
35) Methacrylonitrile	7.788	41	17339	20.451	ug/l	90
36) 1,2-Dichloroethane	8.677	62	35189	20.243	ug/l	98
37) Trichloroethene	9.353	130	23481	20.142	ug/l	96
38) Methylcyclohexane	9.606	83	36366	19.113	ug/l	96
39) 1,2-Dichloropropane	9.624	63	23536	19.929	ug/l	92
40) Dibromomethane	9.712	93	17830	19.900	ug/l	98
41) Bromodichloromethane	9.888	83	34586	19.827	ug/l	99
42) Vinyl Acetate	6.618	43	246683	99.004	ug/l #	91

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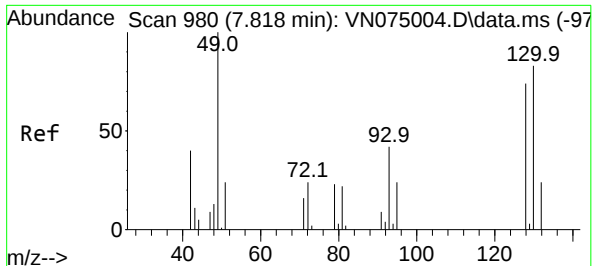
Quant Time: Oct 27 10:25:01 2022
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	32677	18.692	ug/l	94
44) Isopropyl Acetate	8.700	43	56160	20.027	ug/l	94
45) 1,4-Dioxane	9.700	88	14088	408.166	ug/l #	94
46) Methyl methacrylate	9.682	41	25208	20.039	ug/l	94
47) n-amyl Acetate	12.494	43	47858	19.866	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	37621	19.741	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	38042	18.992	ug/l #	90
50) 1,1,2-Trichloroethane	11.018	97	26057	19.850	ug/l	95
51) Ethyl methacrylate	10.876	69	40394	19.751	ug/l	88
52) 1,3-Dichloropropane	11.165	76	42967	19.571	ug/l	99
53) Dibromochloromethane	11.359	129	26527	18.684	ug/l	99
54) 1,2-Dibromoethane	11.471	107	26393	19.434	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	77902	93.231	ug/l	98
56) Bromoform	12.576	173	18092	17.357	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	185579	104.368	ug/l	94
59) 2-Hexanone	11.200	43	143764	105.395	ug/l	95
61) Tetrachloroethene	11.106	164	18527	20.209	ug/l	94
62) Toluene	10.629	91	109218	20.463	ug/l	98
64) Chlorobenzene	11.894	112	64358	19.458	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	25689	20.332	ug/l	98
66) Ethyl Benzene	11.965	91	119552	19.875	ug/l	97
67) m/p-Xylenes	12.076	106	95125	39.432	ug/l	97
68) o-Xylene	12.400	106	48270	19.906	ug/l	95
69) Styrene	12.412	104	75228	18.970	ug/l	99
70) Isopropylbenzene	12.700	105	120962	19.145	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	42703	20.749	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	52561	28.125	ug/l	48
73) Bromobenzene	12.982	156	26764	19.031	ug/l	93
74) n-propylbenzene	13.035	91	137322	19.409	ug/l	100
75) 2-Chlorotoluene	13.129	91	86353	20.056	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	107280	20.044	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	12698	19.452	ug/l	91
78) 4-Chlorotoluene	13.223	91	81048	19.379	ug/l	100
79) tert-butylbenzene	13.441	119	91258	19.096	ug/l	98
80) 1,2,4-Trimethylbenzene	13.617	105	129844	23.849	ug/l	100
81) sec-Butylbenzene	13.617	105	129844	19.327	ug/l	99
82) p-Isopropyltoluene	13.729	119	105645	18.640	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	52045	18.714	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	52007	19.383	ug/l	99
85) n-Butylbenzene	14.059	91	82527	18.154	ug/l	97
86) Hexachloroethane	14.335	117	20159	19.194	ug/l	90
87) 1,2-Dichlorobenzene	14.106	146	52439	19.063	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	9072	20.971	ug/l	96
89) 1,2,4-Trichlorobenzene	15.394	180	21745	17.897	ug/l	98
90) Hexachlorobutadiene	15.500	225	10831	19.383	ug/l	97
91) Naphthalene	15.647	128	91959	19.097	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	22140	18.001	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

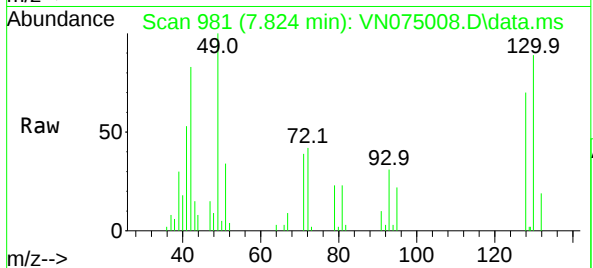
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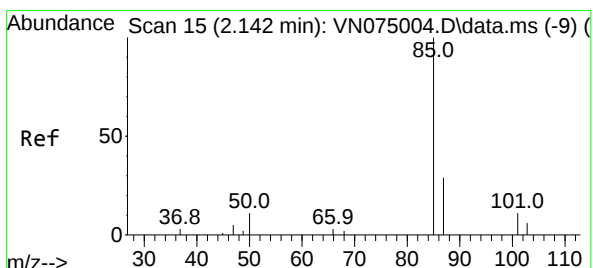
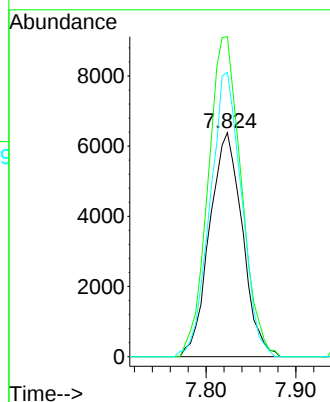
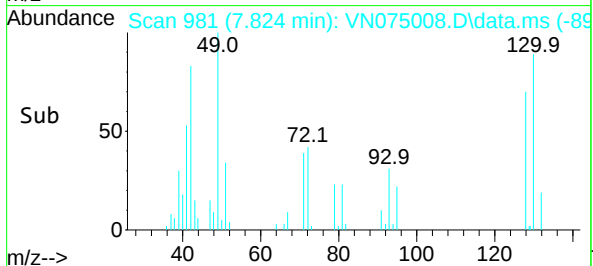


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

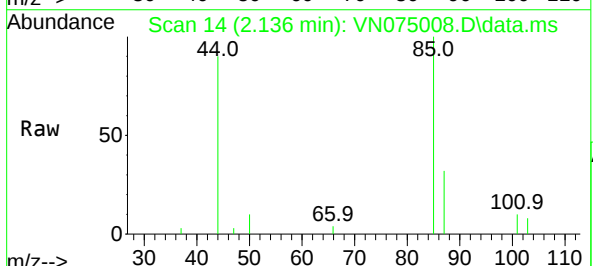
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MSVOA_N
ClientSampleId :



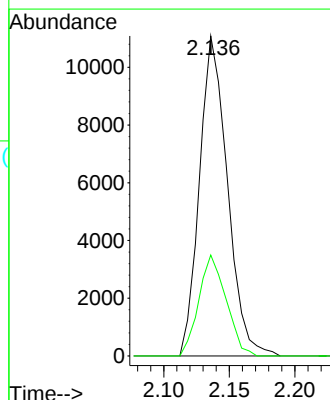
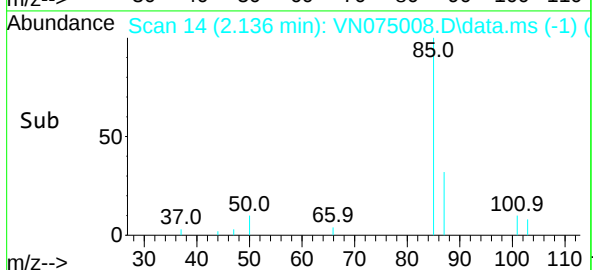
Tgt Ion:128 Resp: 16190
Ion Ratio Lower Upper
128 100
49 144.4 0.0 392.3
130 122.3 0.0 320.2

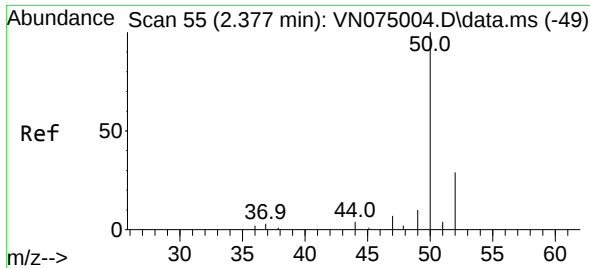


#2
Dichlorodifluoromethane
Concen: 20.879 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46



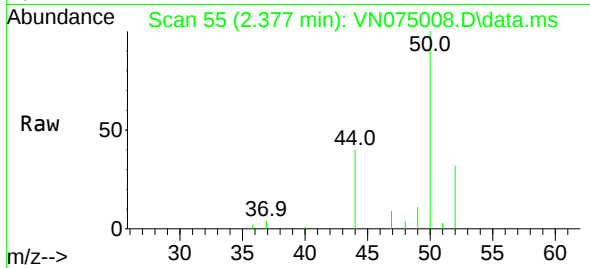
Tgt Ion: 85 Resp: 16456
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.7



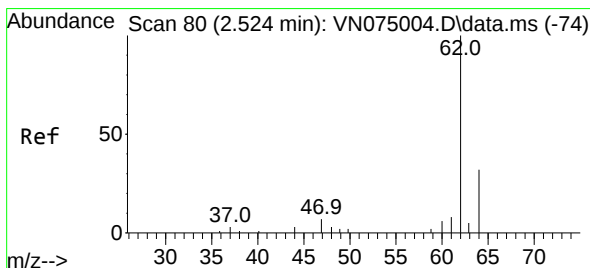
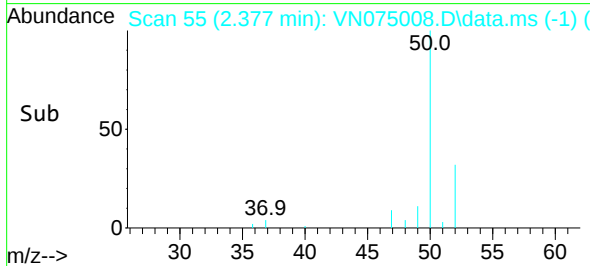
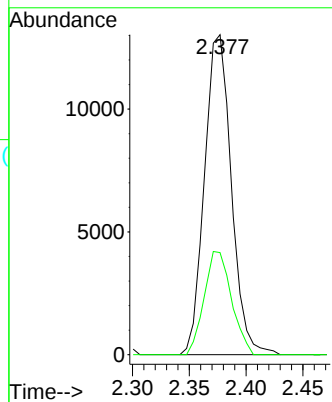


#3
Chloromethane
Concen: 20.680 ug/l
RT: 2.377 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Instrument :
MSVOA_N
ClientSampleId :

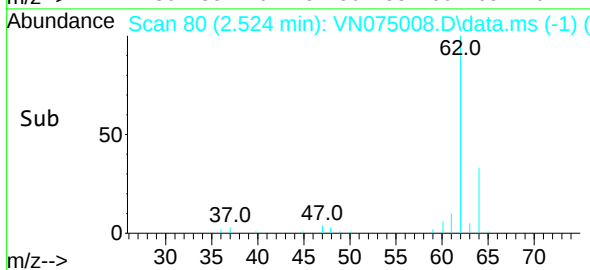
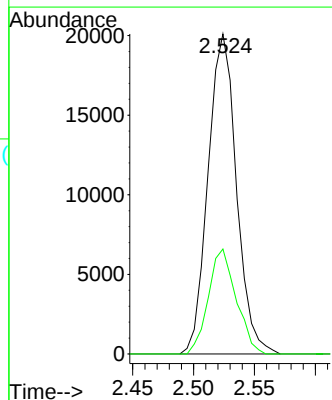
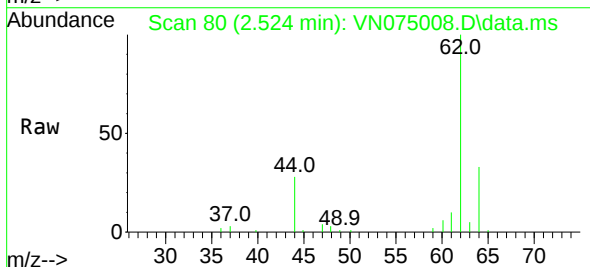


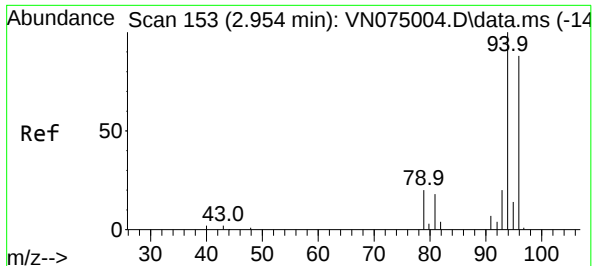
Tgt Ion: 50 Resp: 21439
Ion Ratio Lower Upper
50 100
52 31.9 27.8 41.6



#4
Vinyl Chloride
Concen: 20.788 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 62 Resp: 32588
Ion Ratio Lower Upper
62 100
64 32.8 25.1 37.7

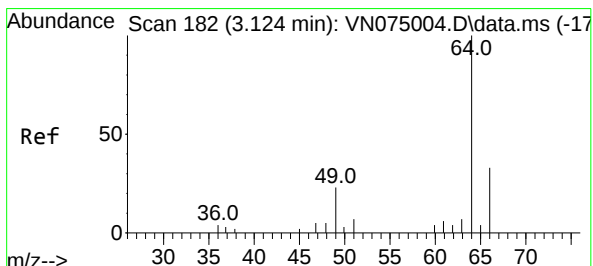
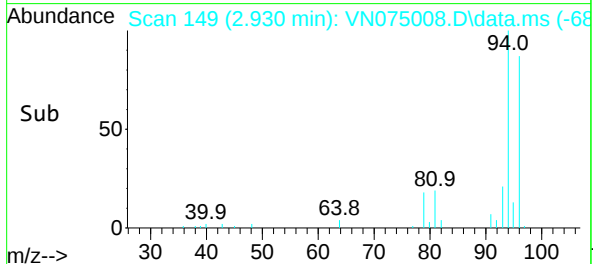
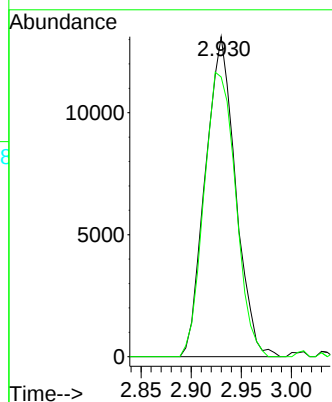
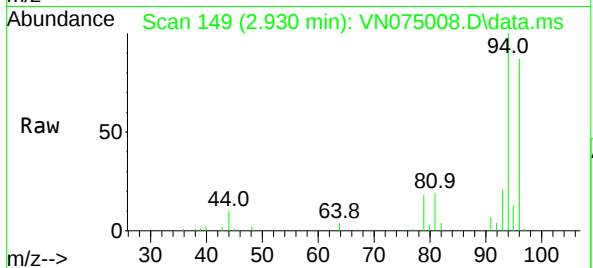




#5
Bromomethane
Concen: 22.192 ug/l
RT: 2.930 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

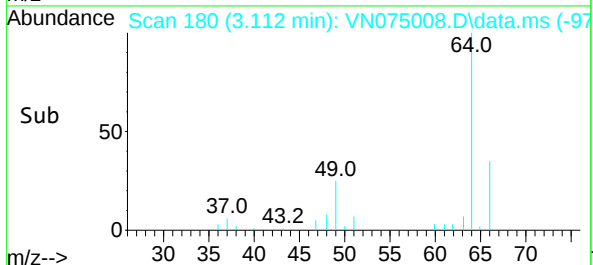
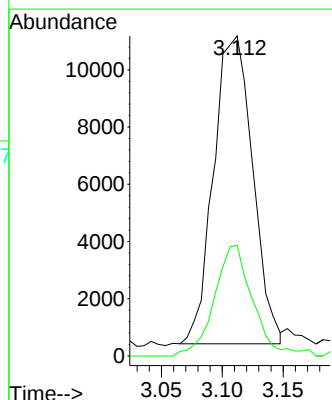
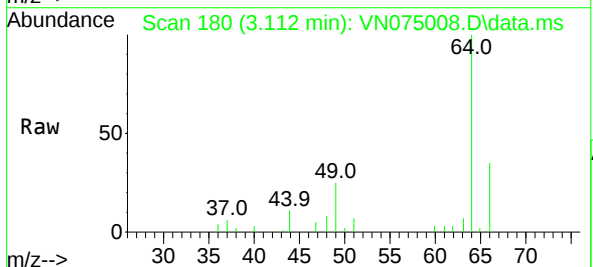
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MSVOA_N
ClientSampleId :

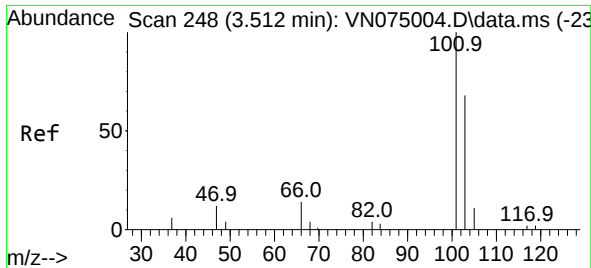
Tgt Ion: 94 Resp: 27505
Ion Ratio Lower Upper
94 100
96 87.4 75.2 112.8



#6
Chloroethane
Concen: 19.868 ug/l
RT: 3.112 min Scan# 180
Delta R.T. -0.012 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 64 Resp: 24025
Ion Ratio Lower Upper
64 100
66 34.6 24.6 36.8

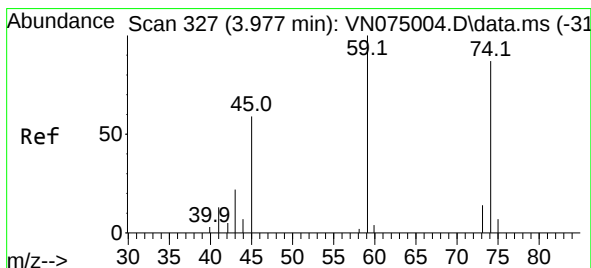
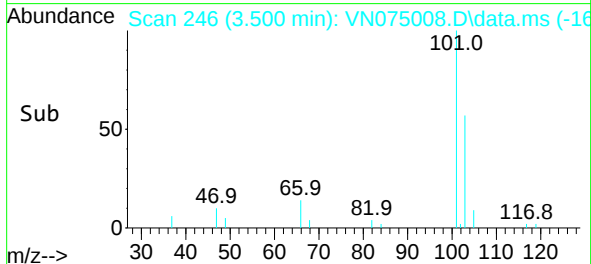
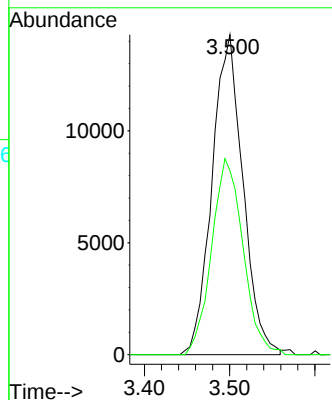
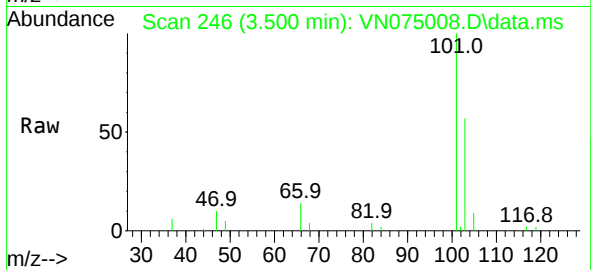




#7
 Trichlorofluoromethane
 Concen: 21.331 ug/l
 RT: 3.500 min Scan# 248
 Delta R.T. -0.012 min
 Lab File: VN075008.D
 Acq: 25 Oct 2022 13:46

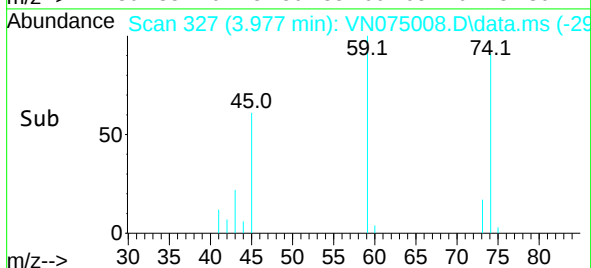
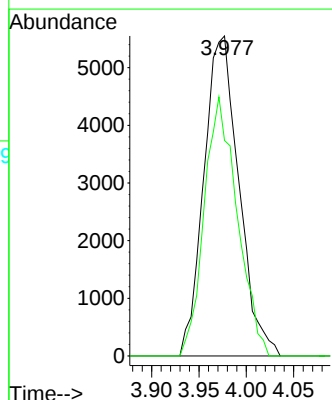
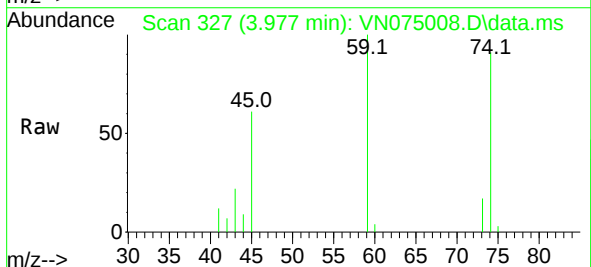
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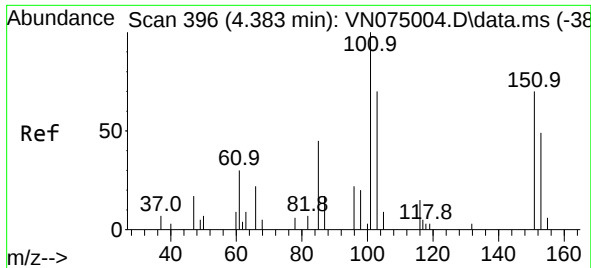
Tgt Ion:101 Resp: 35985
 Ion Ratio Lower Upper
 101 100
 103 57.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.538 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. -0.000 min
 Lab File: VN075008.D
 Acq: 25 Oct 2022 13:46

Tgt Ion: 74 Resp: 14246
 Ion Ratio Lower Upper
 74 100
 45 76.4 17.6 158.8

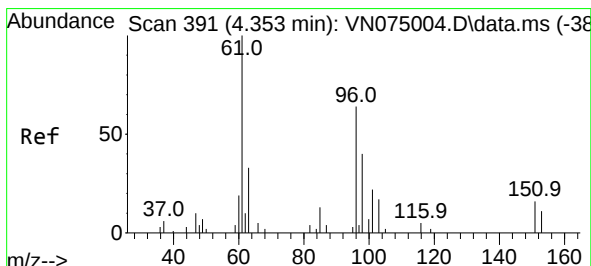
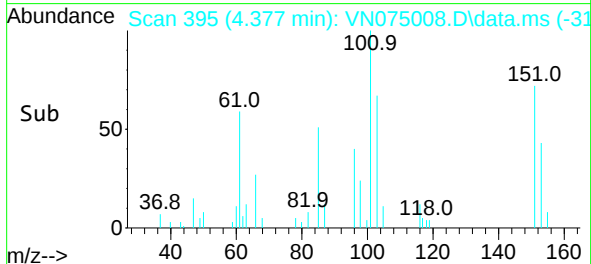
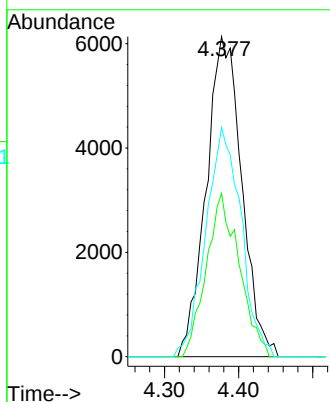
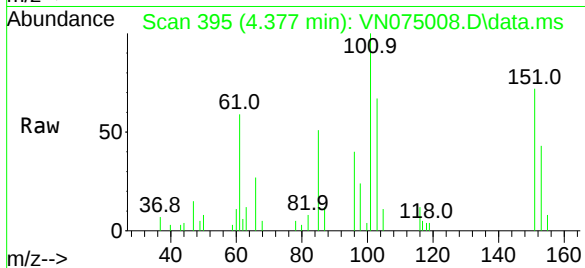




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.644 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075008.D
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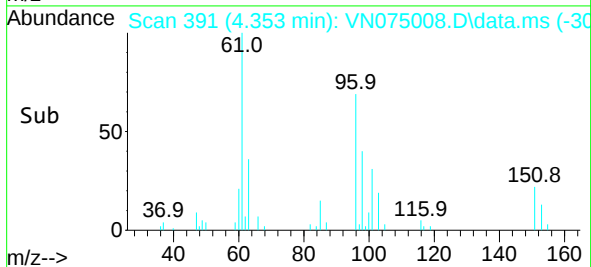
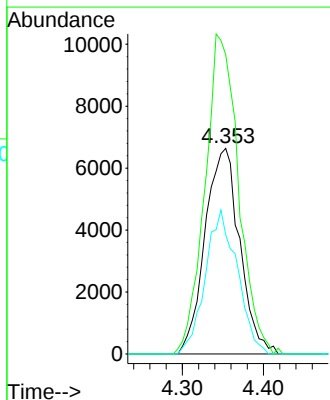
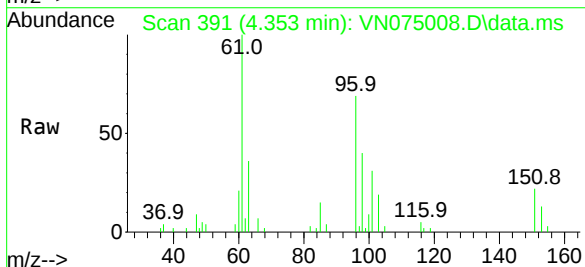
Instrument :
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ClientSampleId :

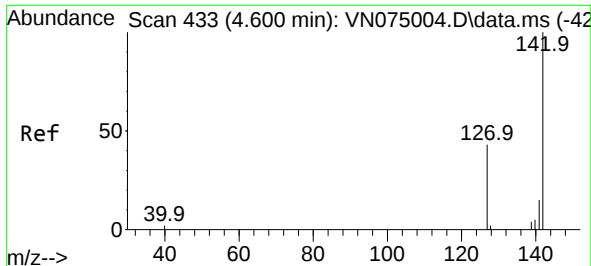
Tgt Ion:101 Resp: 20415
Ion Ratio Lower Upper
101 100
85 32.9 0.0 94.0
151 71.1 0.0 74.6



#10
1,1-Dichloroethene
Concen: 21.205 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

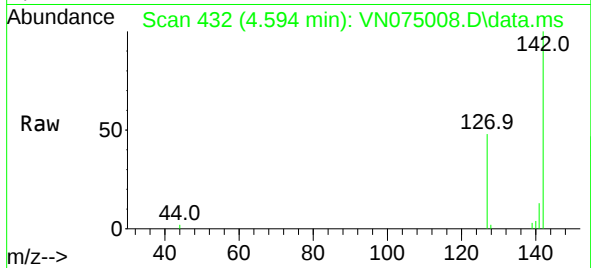
Tgt Ion: 96 Resp: 19669
Ion Ratio Lower Upper
96 100
61 143.1 126.2 189.4
98 57.9 50.9 76.3



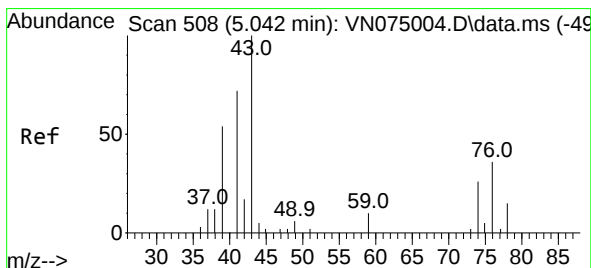
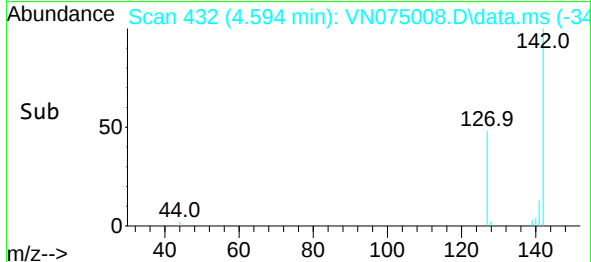
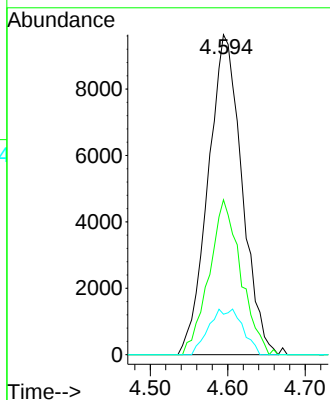


#11
Methyl Iodide
Concen: 20.204 ug/l
RT: 4.594 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Instrument :
MSVOA_N
ClientSampleId :

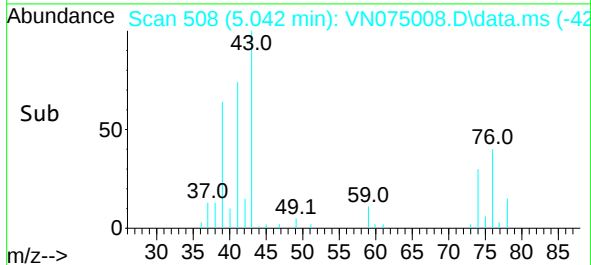
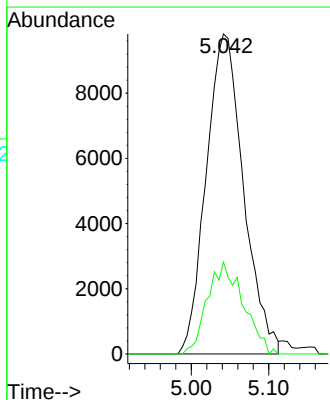
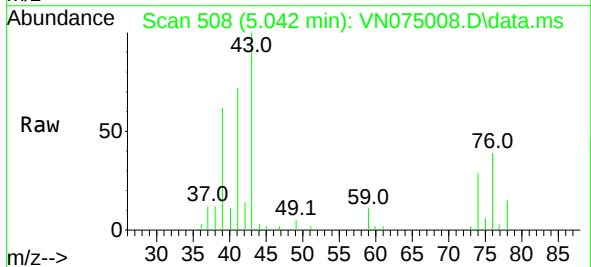


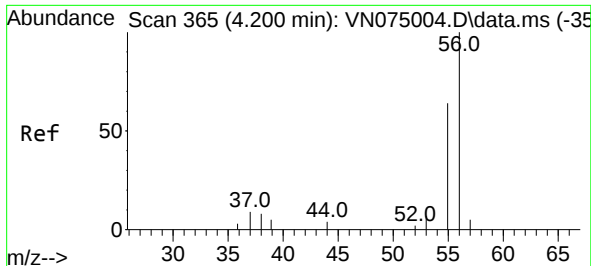
Tgt Ion:142 Resp: 29236
Ion Ratio Lower Upper
142 100
127 48.4 24.0 72.0
141 12.6 8.4 25.2



#12
Methyl Acetate
Concen: 20.889 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

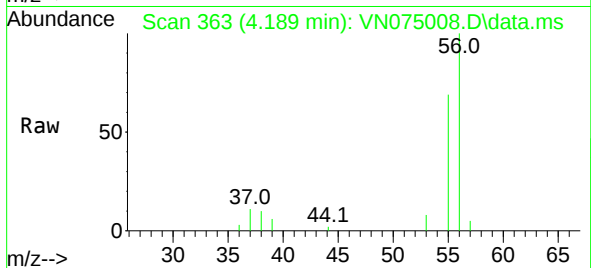
Tgt Ion: 43 Resp: 32823
Ion Ratio Lower Upper
43 100
74 29.3 20.8 31.2



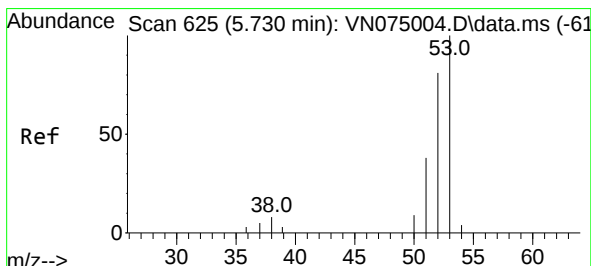
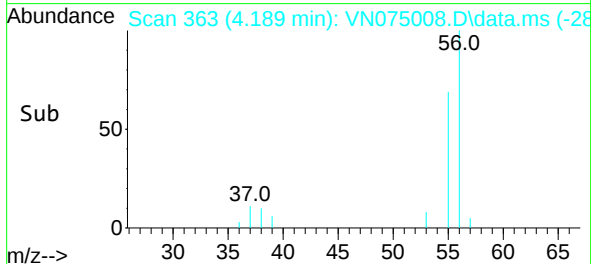
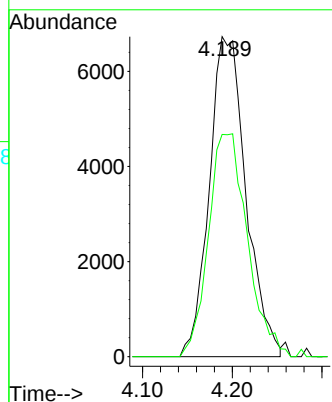


#13
Acrolein
Concen: 99.261 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.012 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Instrument :
MSVOA_N
ClientSampleId :

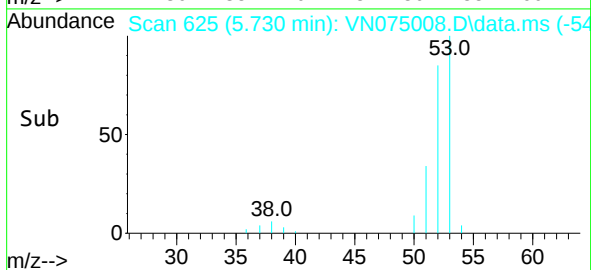
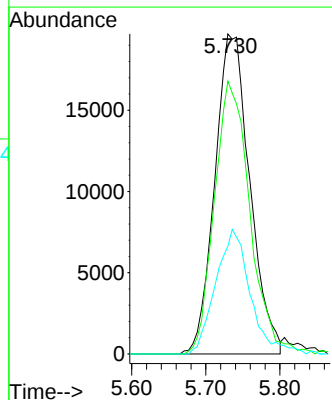
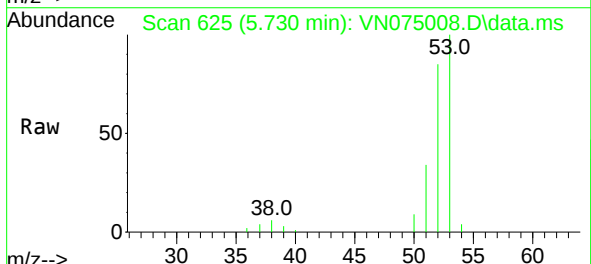


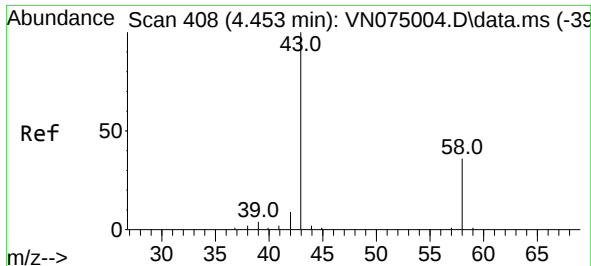
Tgt Ion: 56 Resp: 19103
Ion Ratio Lower Upper
56 100
55 73.9 57.6 86.4



#14
Acrylonitrile
Concen: 99.438 ug/l
RT: 5.730 min Scan# 625
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 53 Resp: 64552
Ion Ratio Lower Upper
53 100
52 86.1 41.8 125.4
51 36.8 19.0 57.0





#15

Acetone

Concen: 111.574 ug/l

RT: 4.453 min Scan# 408

Delta R.T. -0.000 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

Instrument :

MSVOA_N

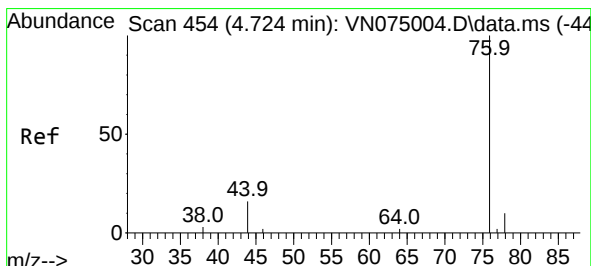
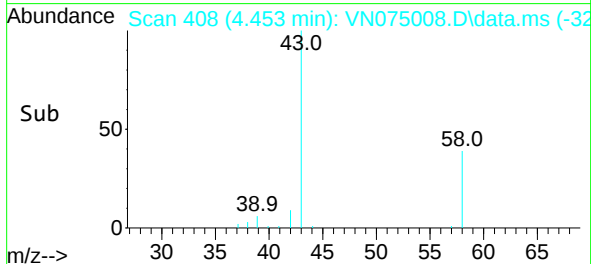
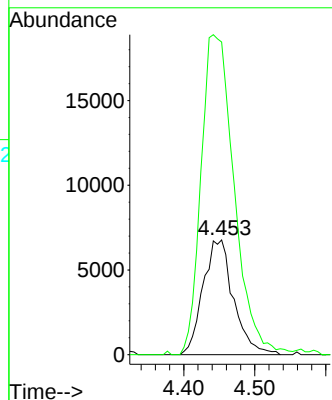
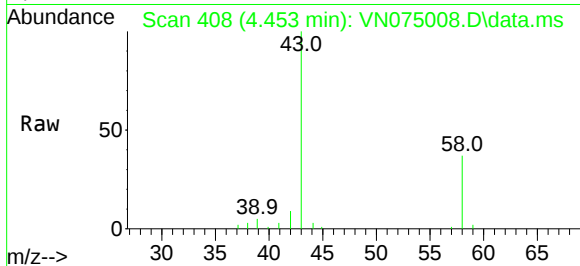
ClientSampleId :

Tgt Ion: 58 Resp: 20236

Ion Ratio Lower Upper

58 100

43 272.7 256.6 384.8



#16

Carbon Disulfide

Concen: 20.068 ug/l

RT: 4.724 min Scan# 454

Delta R.T. -0.000 min

Lab File: VN075008.D

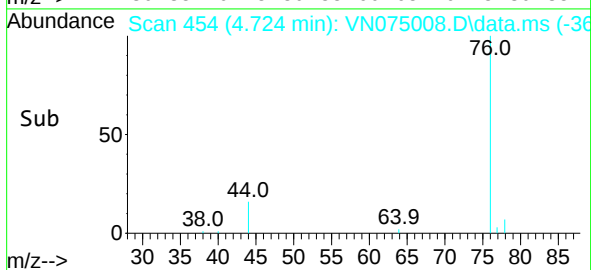
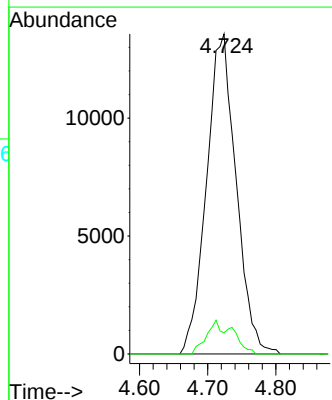
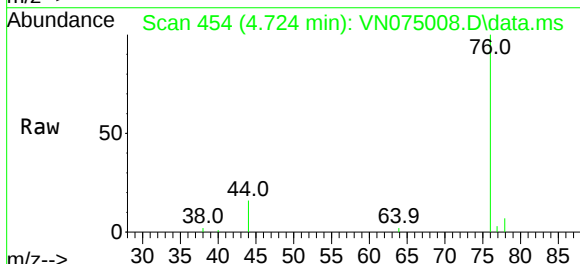
Acq: 25 Oct 2022 13:46

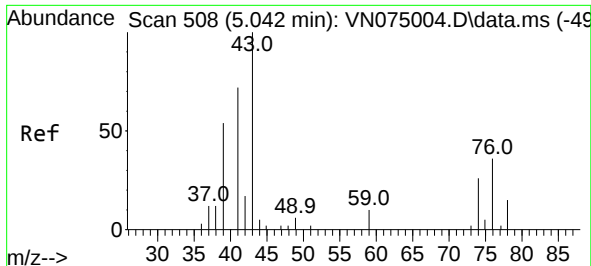
Tgt Ion: 76 Resp: 40978

Ion Ratio Lower Upper

76 100

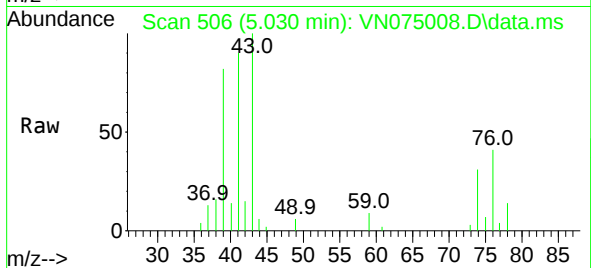
78 6.6 7.8 11.8#





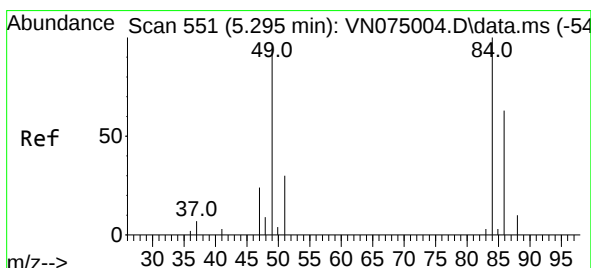
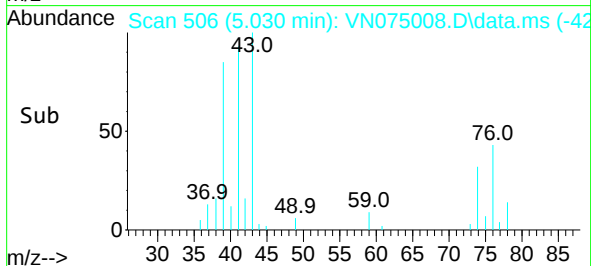
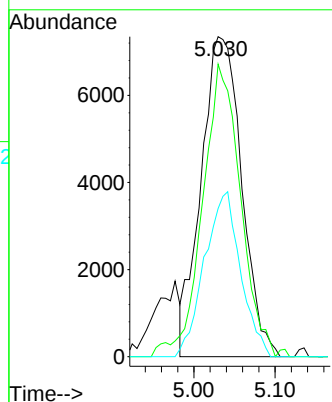
#17
 Allyl chloride
 Concen: 20.552 ug/l
 RT: 5.030 min Scan# 508
 Delta R.T. -0.012 min
 Lab File: VN075008.D
 Acq: 25 Oct 2022 13:46

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 41 Resp: 25543

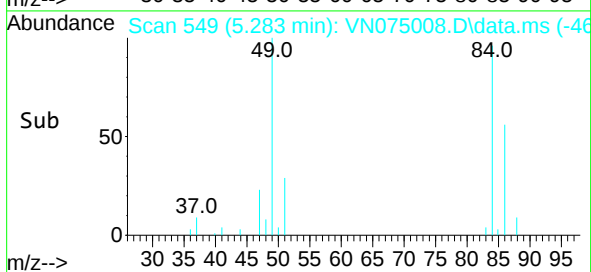
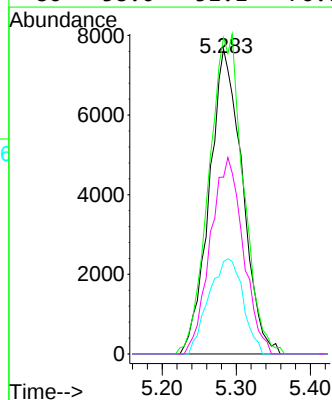
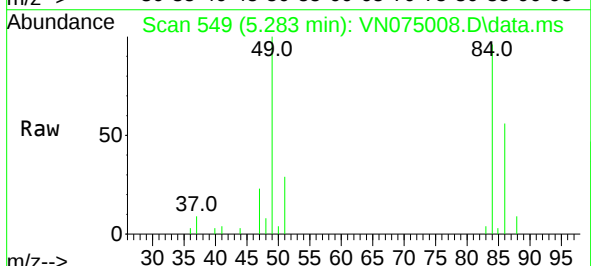
Ion	Ratio	Lower	Upper
41	100		
39	89.4	44.6	134.0
76	46.3	19.6	58.7

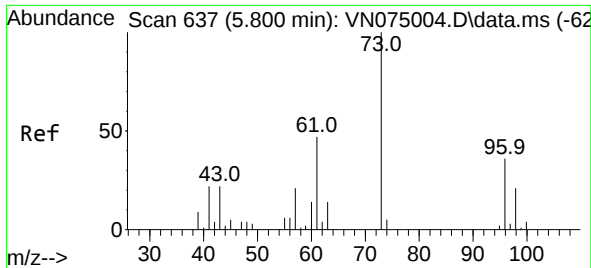


#18
 Methylene Chloride
 Concen: 20.357 ug/l
 RT: 5.283 min Scan# 549
 Delta R.T. -0.012 min
 Lab File: VN075008.D
 Acq: 25 Oct 2022 13:46

Tgt Ion: 84 Resp: 23656

Ion	Ratio	Lower	Upper
84	100		
49	101.8	91.4	137.0
51	30.3	29.4	44.0
86	58.0	51.1	76.7

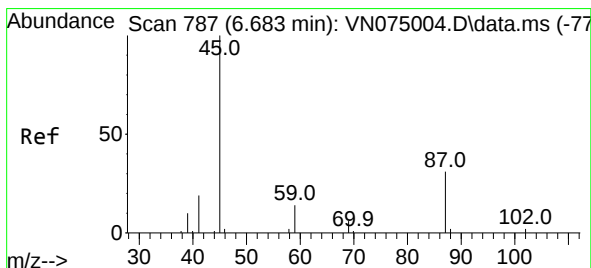
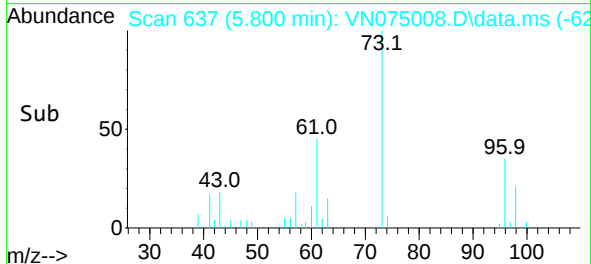
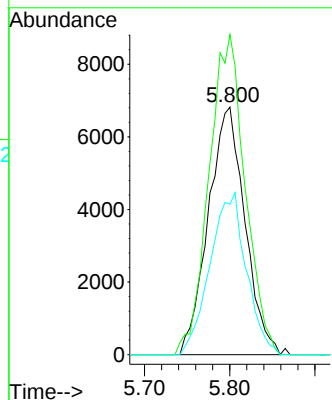
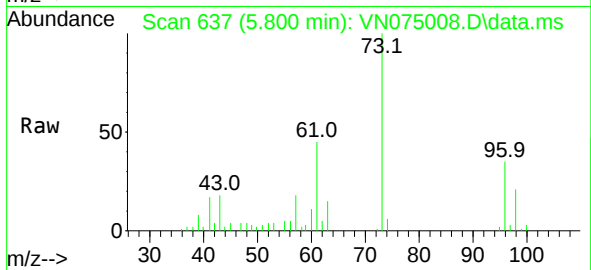




#19
trans-1,2-Dichloroethene
Concen: 19.770 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

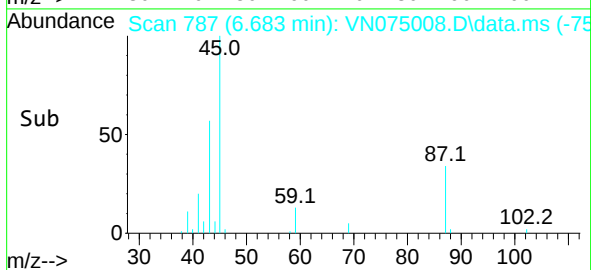
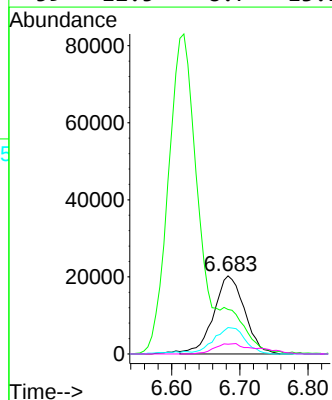
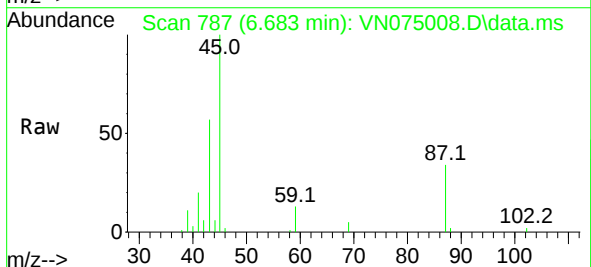
Instrument :
MSVOA_N
ClientSampleId :

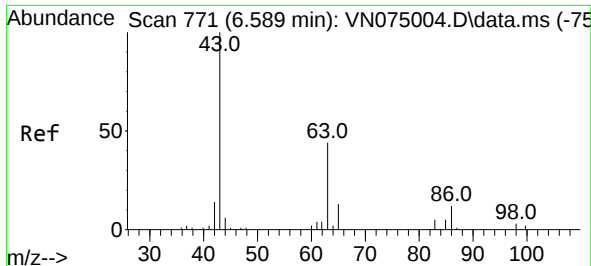
Tgt Ion: 96 Resp: 20387
Ion Ratio Lower Upper
96 100
61 129.3 102.8 154.2
98 60.8 49.3 73.9



#20
Diisopropyl ether
Concen: 19.786 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 45 Resp: 63827
Ion Ratio Lower Upper
45 100
43 53.8 51.0 76.4
87 33.8 25.0 37.4
59 12.5 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.729 ug/l

RT: 6.583 min Scan# 771

Delta R.T. -0.006 min

Lab File: VN075008.D

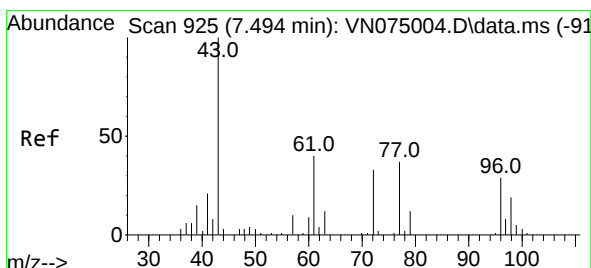
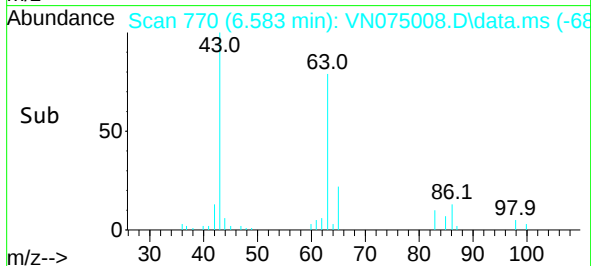
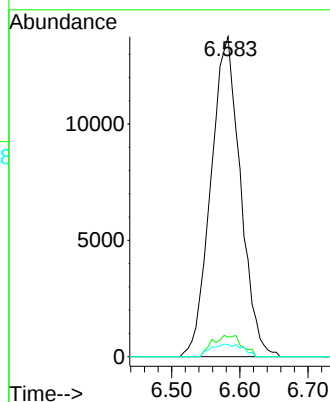
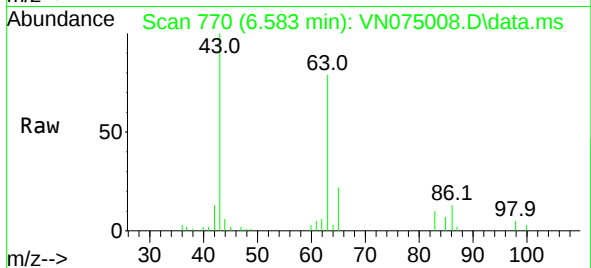
Acq: 25 Oct 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	63	Resp:	41531
Ion Ratio	Lower	Upper	
63	100		
98	6.2	3.2	9.6
100	3.8	2.1	6.2



#22

cis-1,2-Dichloroethene

Concen: 19.430 ug/l

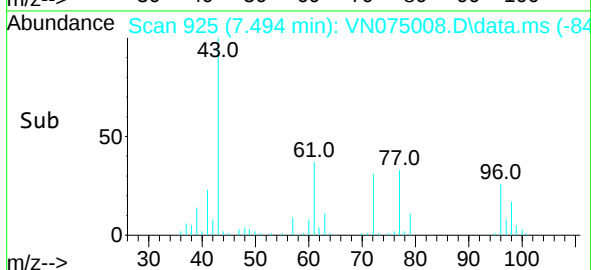
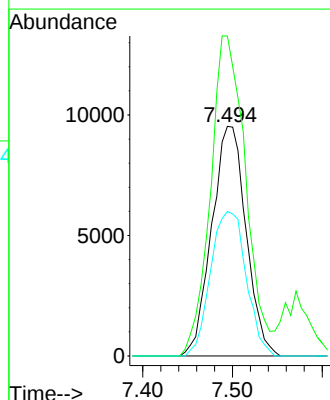
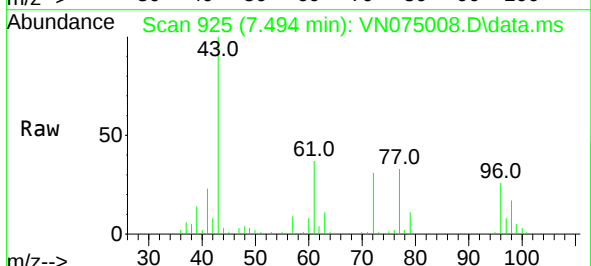
RT: 7.494 min Scan# 925

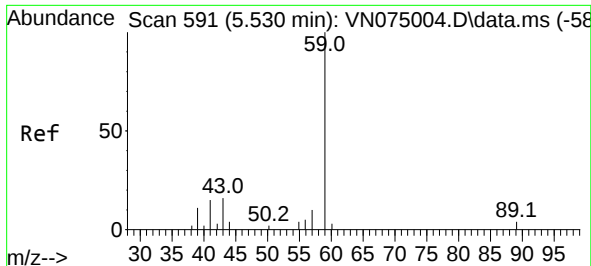
Delta R.T. -0.000 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

Tgt Ion:	96	Resp:	25317
Ion Ratio	Lower	Upper	
96	100		
61	142.0	115.7	173.5
98	65.1	51.6	77.4

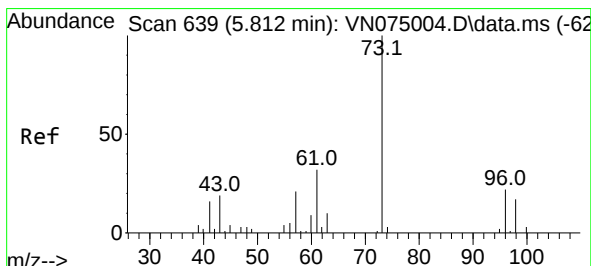
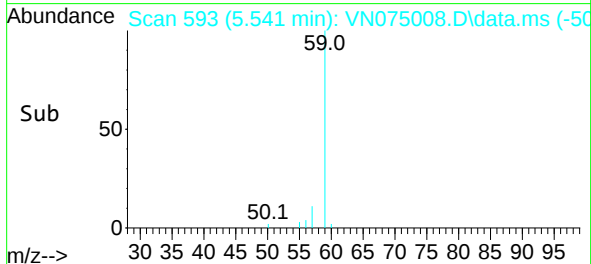
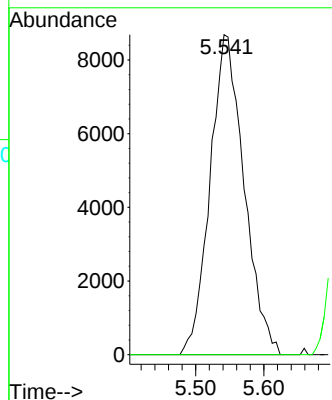
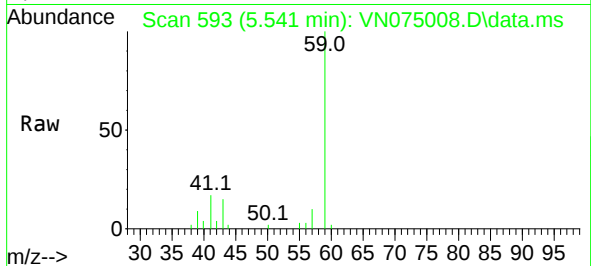




#23
tert-Butyl Alcohol
Concen: 100.163 ug/l
RT: 5.541 min Scan# 591
Delta R.T. 0.012 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

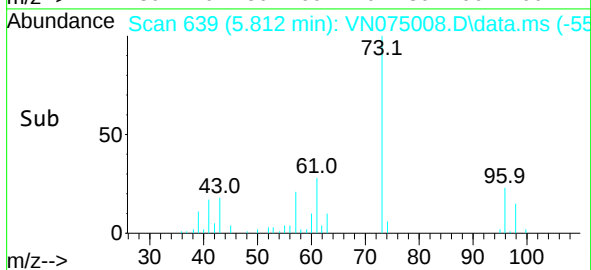
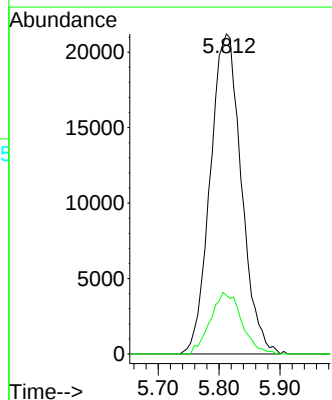
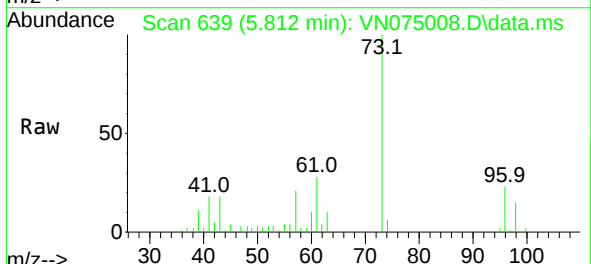
Instrument :
MSVOA_N
ClientSampleId :

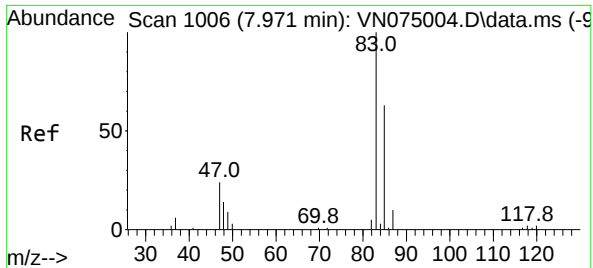
Tgt Ion: 59 Resp: 30100
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.848 ug/l
RT: 5.812 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 73 Resp: 75298
Ion Ratio Lower Upper
73 100
43 12.4 18.1 27.1#





#25

Chloroform

Concen: 19.515 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

Instrument :

MSVOA_N

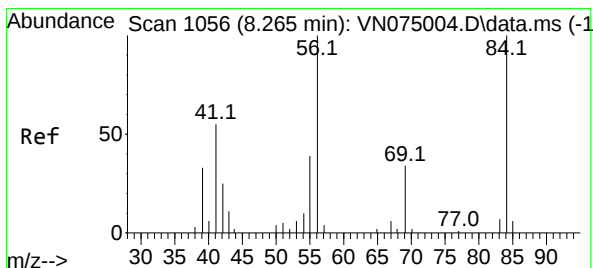
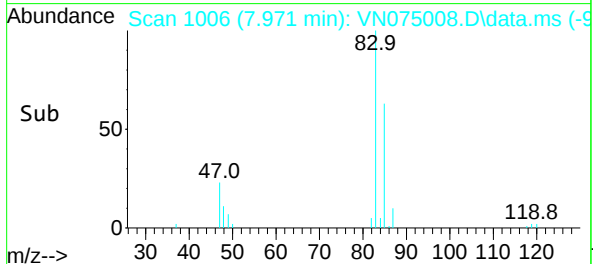
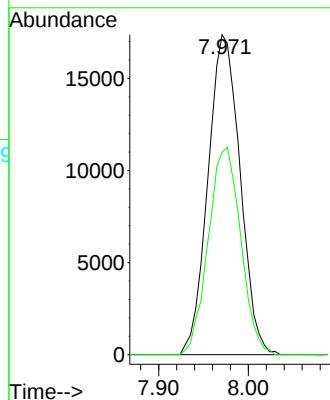
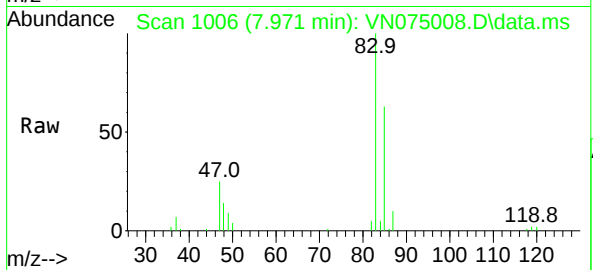
ClientSampleId :

Tgt Ion: 83 Resp: 43194

Ion Ratio Lower Upper

83 100

85 63.3 51.3 76.9



#26

Cyclohexane

Concen: 19.863 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

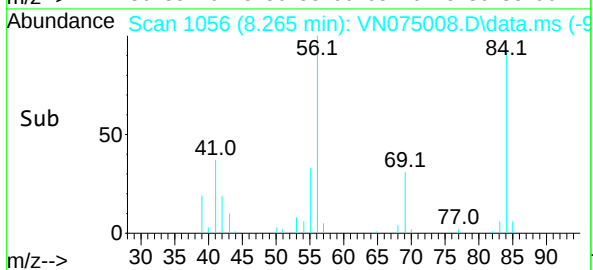
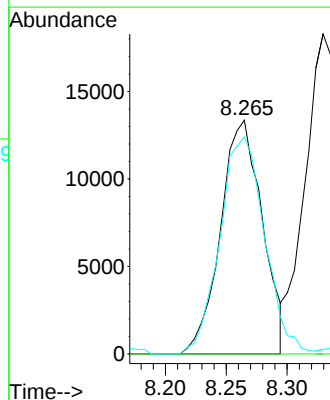
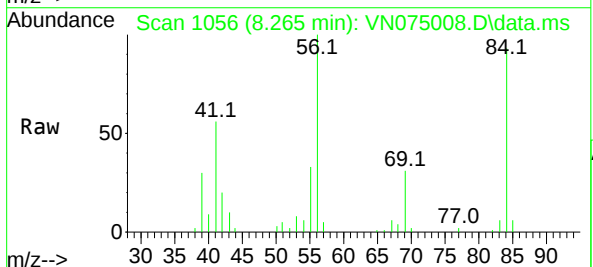
Tgt Ion: 56 Resp: 31969

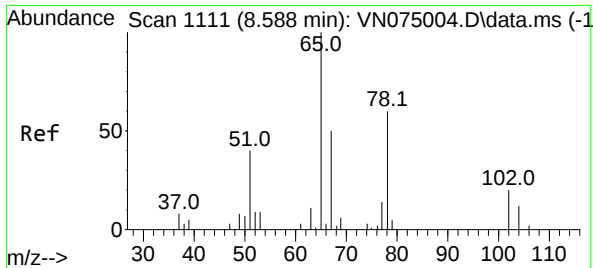
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 99.5 74.6 111.8

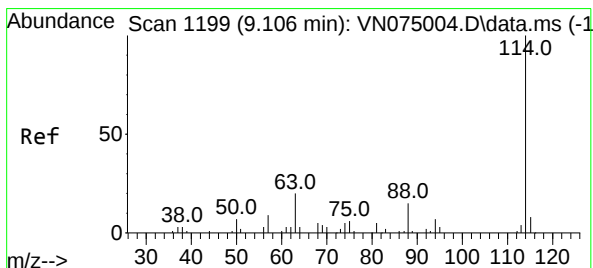
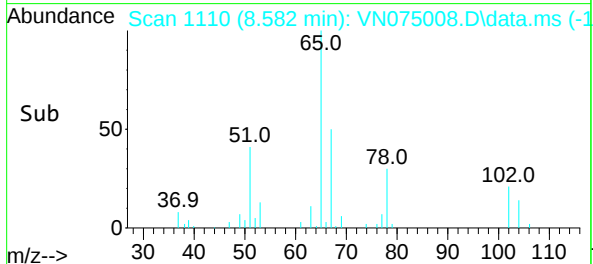
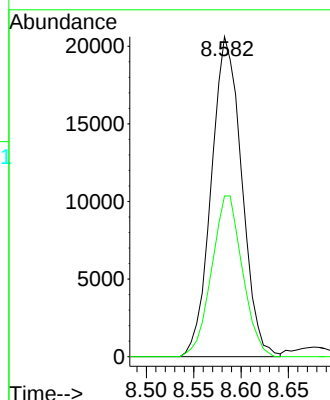
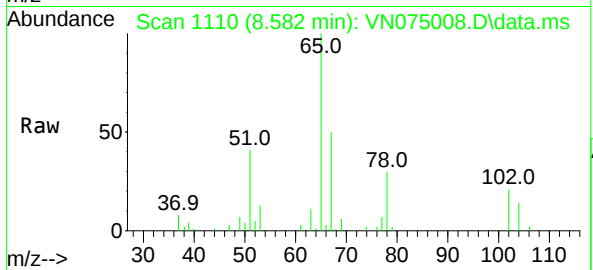




#27
1,2-Dichloroethane-d4
Concen: 31.103 ug/l
RT: 8.582 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

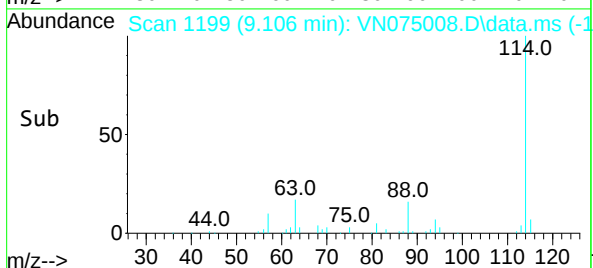
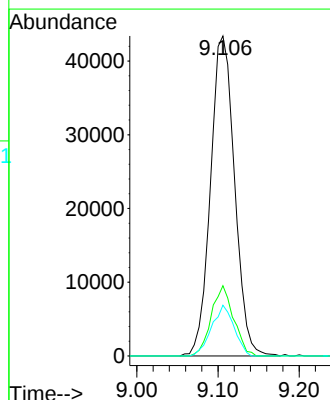
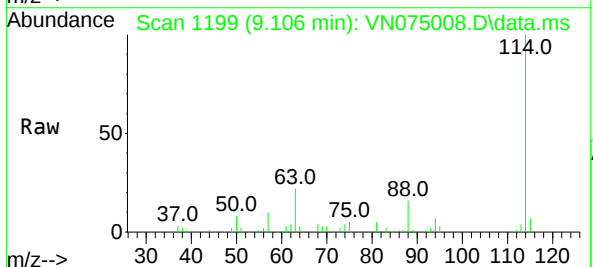
Instrument :
MSVOA_N
ClientSampleId :

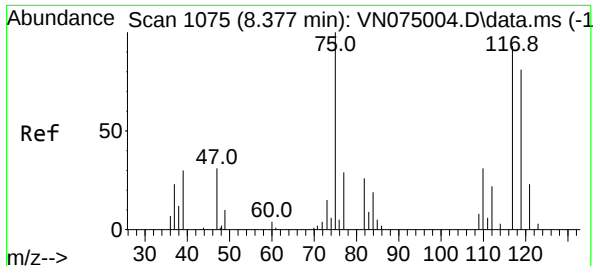
Tgt Ion: 65 Resp: 46043
Ion Ratio Lower Upper
65 100
67 50.9 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 114 Resp: 89461
Ion Ratio Lower Upper
114 100
63 20.4 15.8 23.6
88 14.8 11.6 17.4





#29

1,1-Dichloropropene

Concen: 19.540 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075008.D

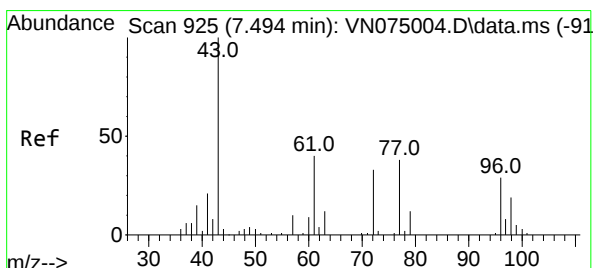
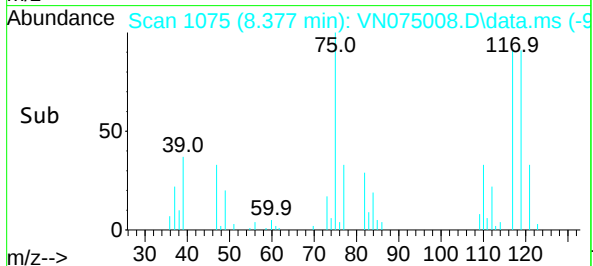
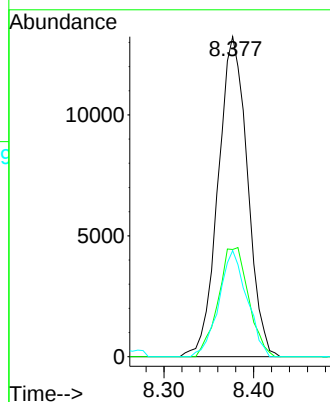
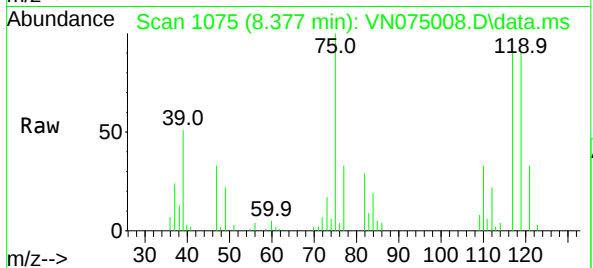
Acq: 25 Oct 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	29984
Ion	Ratio	Lower	Upper
75	100		
110	35.2	0.0	74.2
77	31.8	0.0	63.2



#30

2-Butanone

Concen: 103.642 ug/l

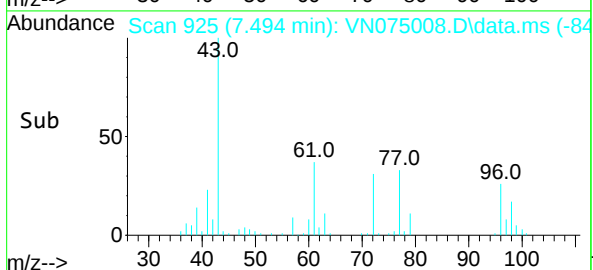
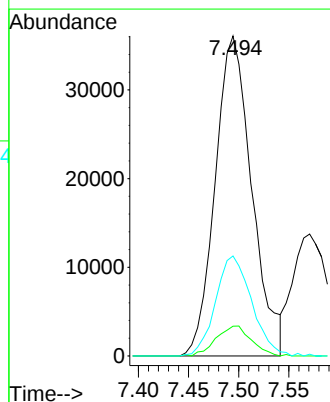
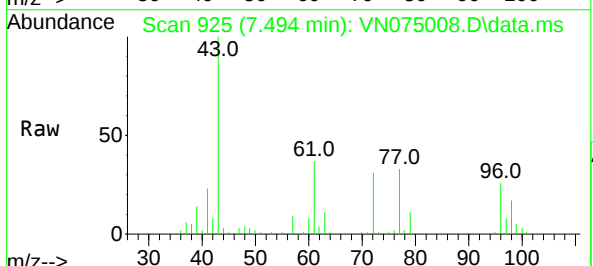
RT: 7.494 min Scan# 925

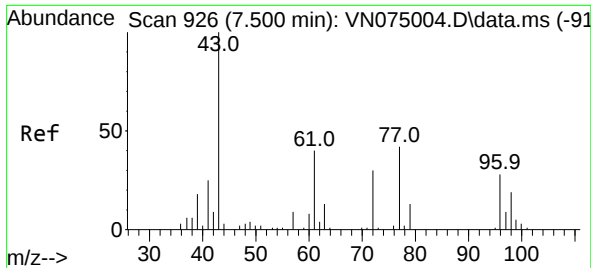
Delta R.T. -0.000 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

Tgt Ion:	43	Resp:	91680
Ion	Ratio	Lower	Upper
43	100		
57	8.9	6.7	10.1
72	30.7	23.2	34.8





#31

2,2-Dichloropropane

Concen: 20.307 ug/l

RT: 7.506 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

Instrument :

MSVOA_N

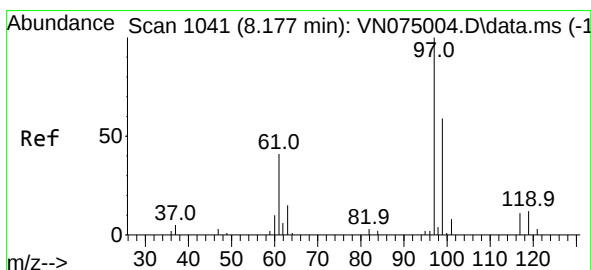
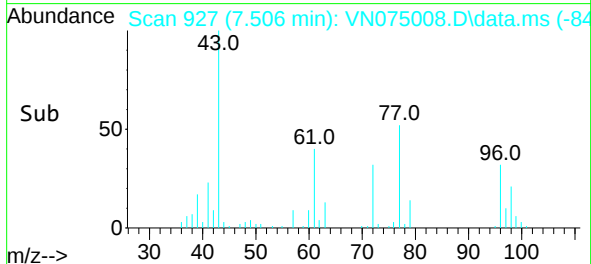
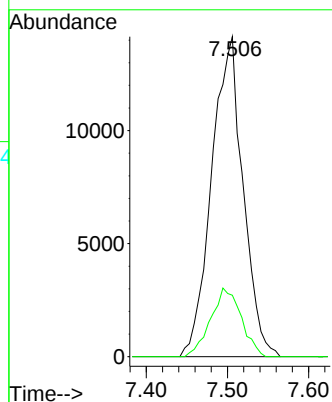
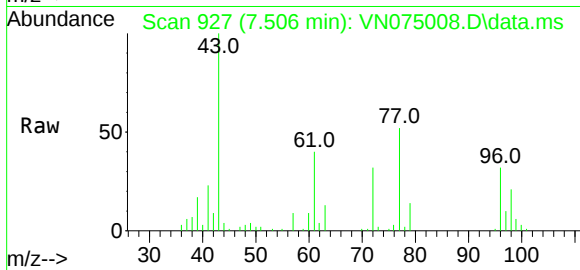
ClientSampleId :

Tgt Ion: 77 Resp: 38064

Ion Ratio Lower Upper

77 100

97 20.9 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 19.785 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

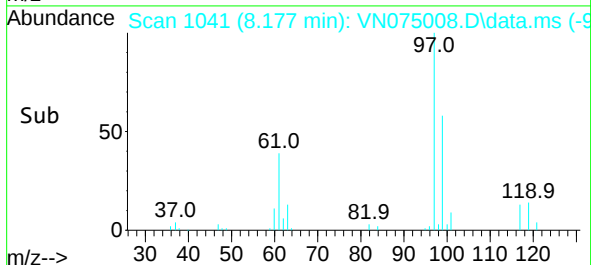
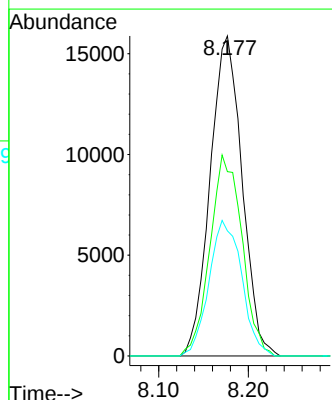
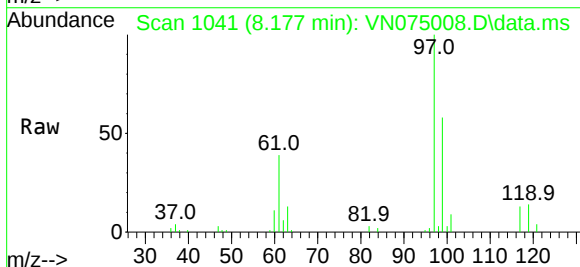
Tgt Ion: 97 Resp: 39321

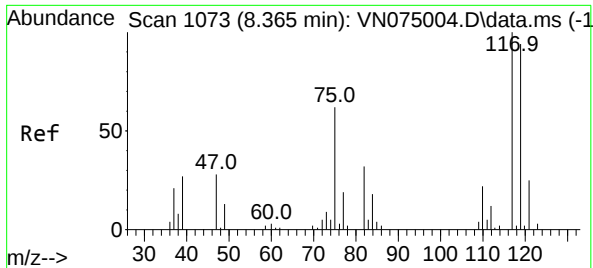
Ion Ratio Lower Upper

97 100

99 62.9 50.4 75.6

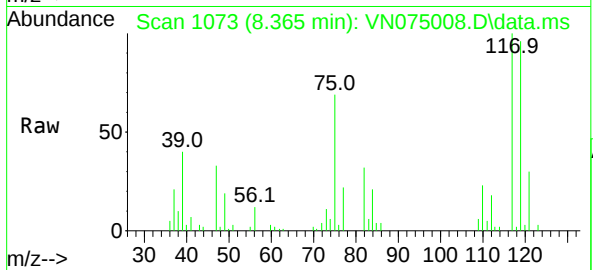
61 43.4 34.6 51.8



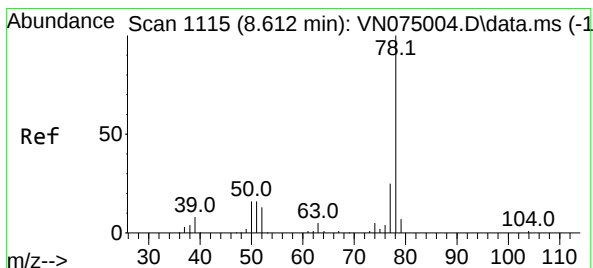
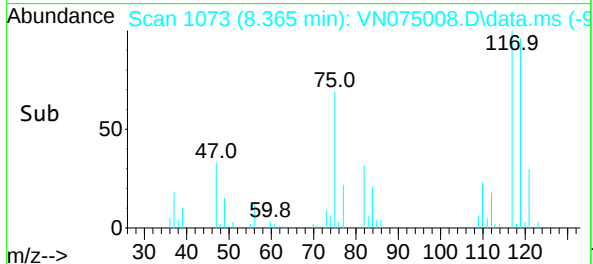
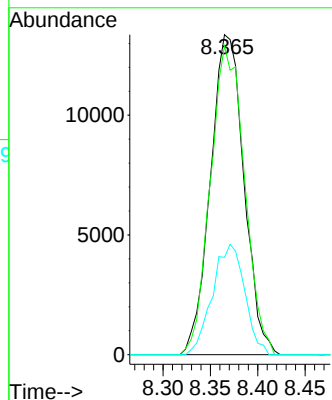


#33
Carbon Tetrachloride
Concen: 18.787 ug/l
RT: 8.365 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Instrument :
MSVOA_N
ClientSampleId :

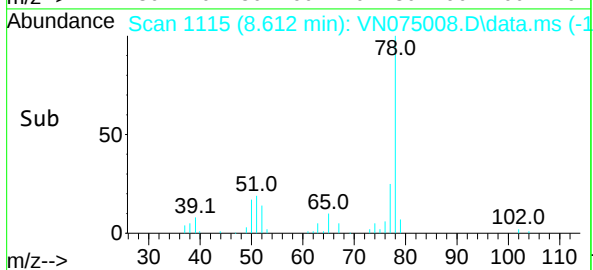
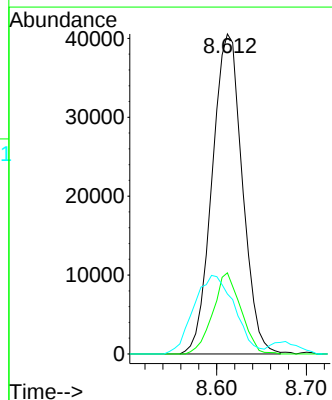
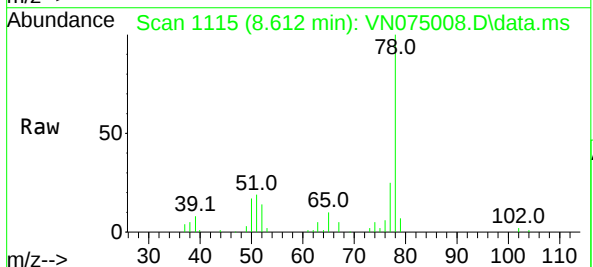


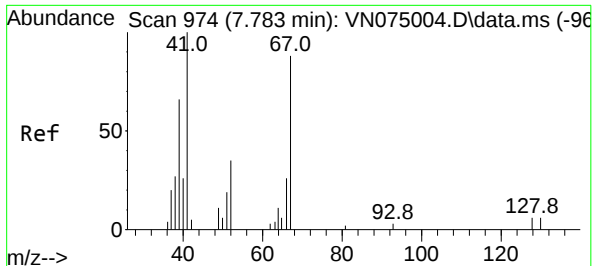
Tgt Ion:117 Resp: 32875
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3
121 30.4 23.5 35.3



#34
Benzene
Concen: 20.178 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

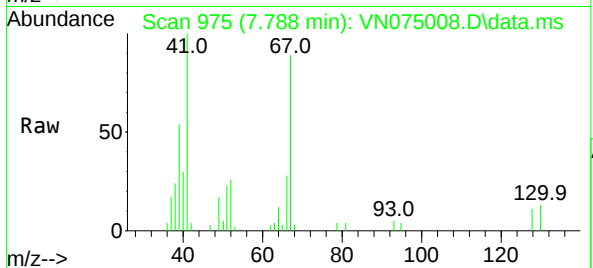
Tgt Ion: 78 Resp: 94659
Ion Ratio Lower Upper
78 100
77 25.3 19.1 28.7
51 15.6 16.0 24.0#



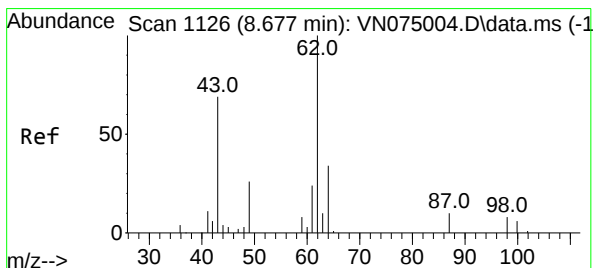
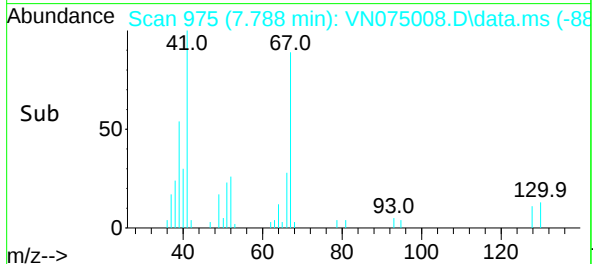
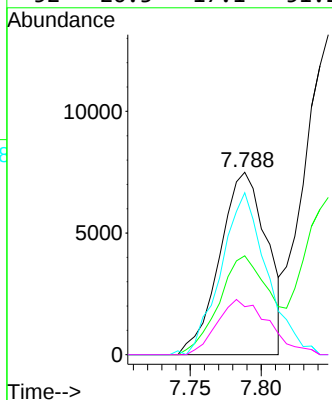


#35
Methacrylonitrile
Concen: 20.451 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Instrument :
MSVOA_N
ClientSampleId :

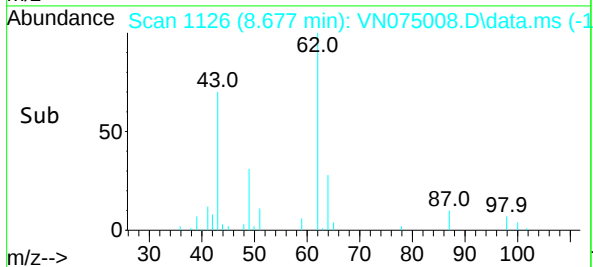
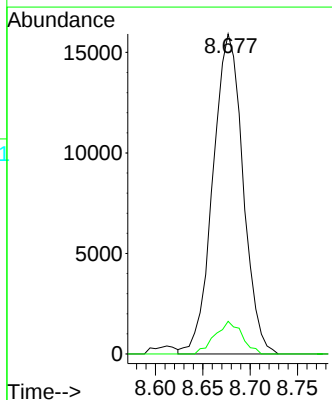
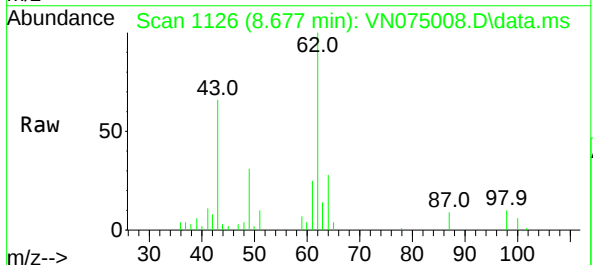


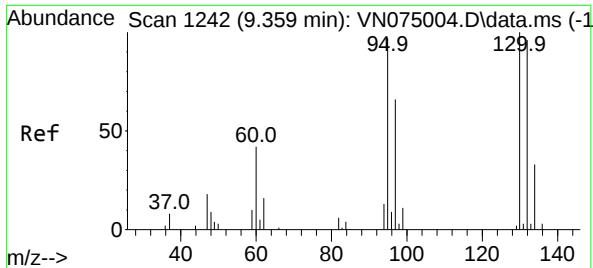
Tgt Ion: 41 Resp: 17339
Ion Ratio Lower Upper
41 100
39 54.2 28.0 83.9
67 86.6 37.7 113.1
52 26.3 17.1 51.2



#36
1,2-Dichloroethane
Concen: 20.243 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 62 Resp: 35189
Ion Ratio Lower Upper
62 100
98 9.1 6.6 10.0





#37

Trichloroethene

Concen: 20.142 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

Instrument :

MSVOA_N

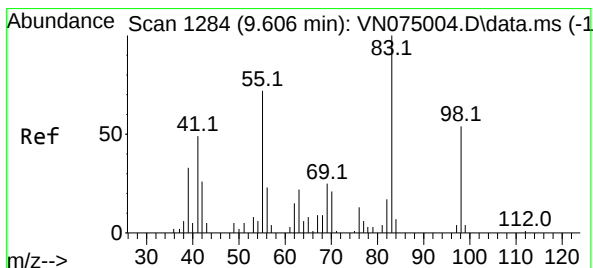
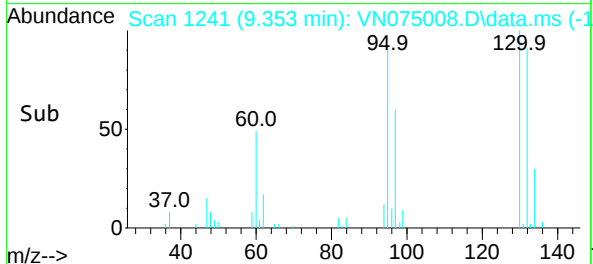
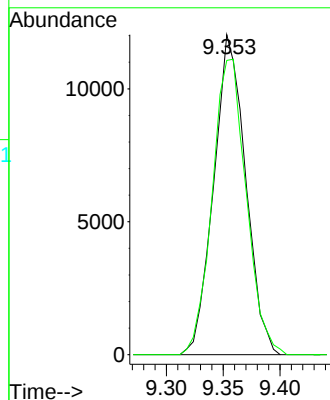
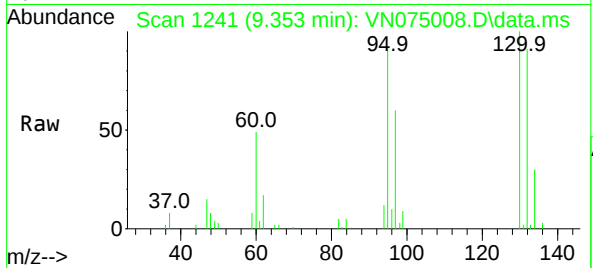
ClientSampleId :

Tgt Ion:130 Resp: 23481

Ion Ratio Lower Upper

130 100

95 92.0 76.6 115.0



#38

Methylcyclohexane

Concen: 19.113 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

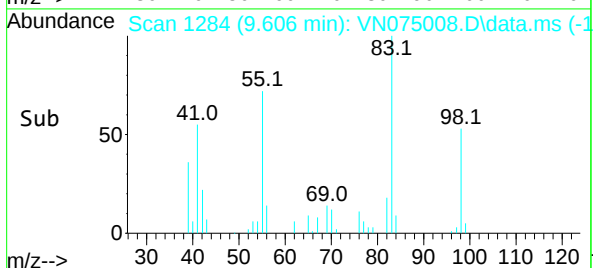
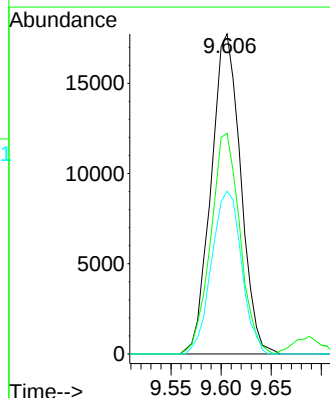
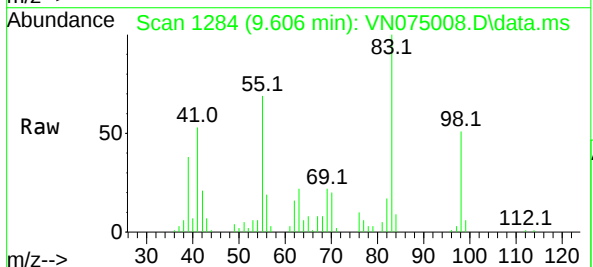
Tgt Ion: 83 Resp: 36366

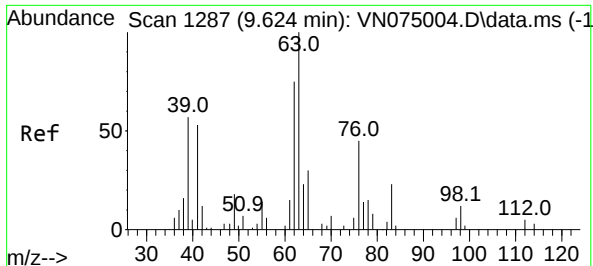
Ion Ratio Lower Upper

83 100

55 68.0 35.1 105.3

98 51.5 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.929 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

Instrument :

MSVOA_N

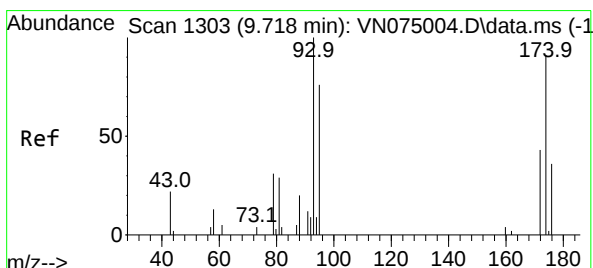
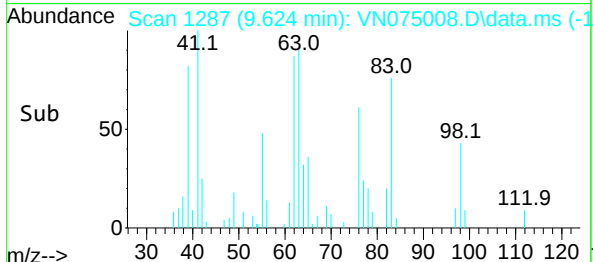
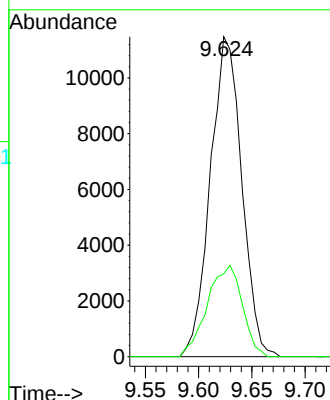
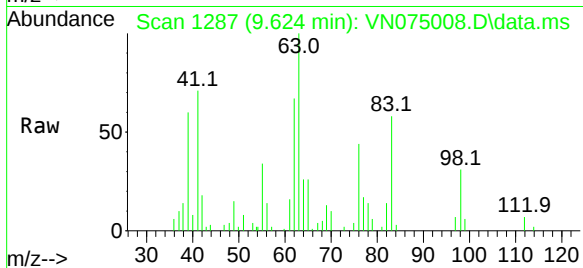
ClientSampleId :

Tgt Ion: 63 Resp: 23536

Ion Ratio Lower Upper

63 100

65 25.9 24.2 36.4



#40

Dibromomethane

Concen: 19.900 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.006 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

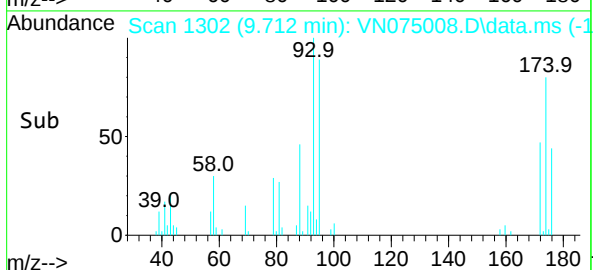
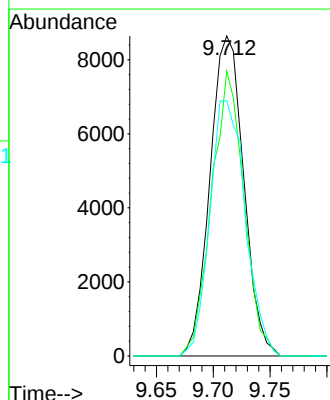
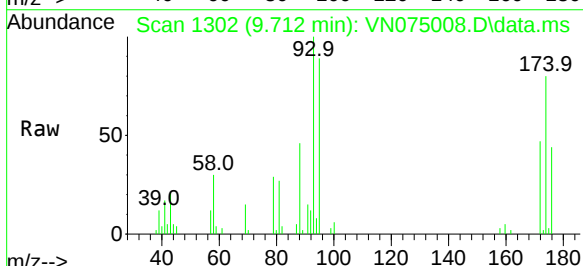
Tgt Ion: 93 Resp: 17830

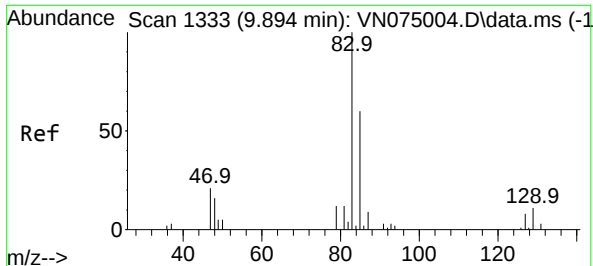
Ion Ratio Lower Upper

93 100

95 85.2 0.0 168.8

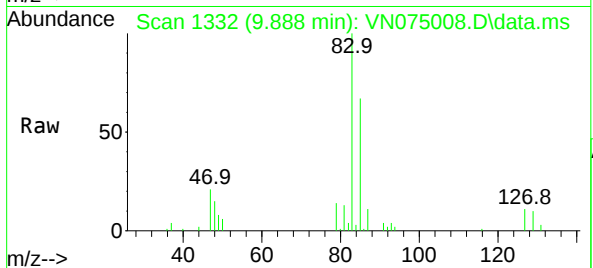
174 84.0 0.0 173.6



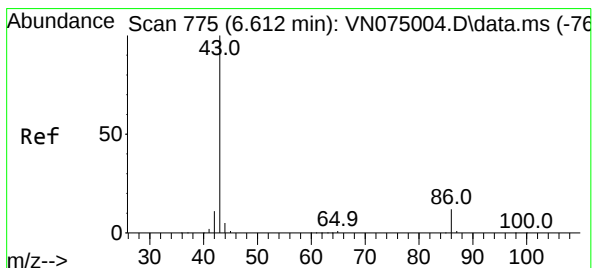
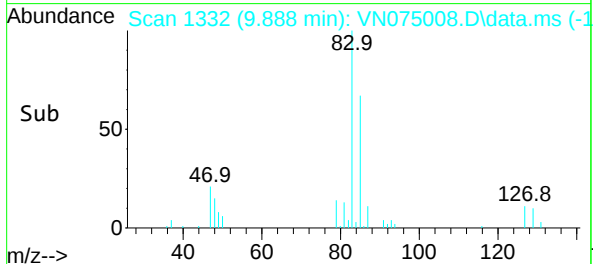
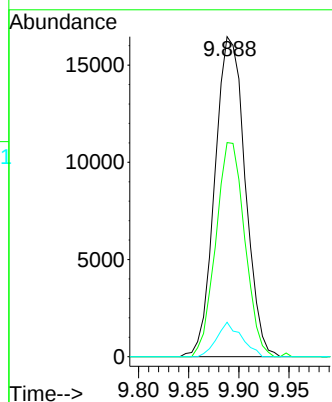


#41
Bromodichloromethane
Concen: 19.827 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Instrument :
MSVOA_N
ClientSampleId :

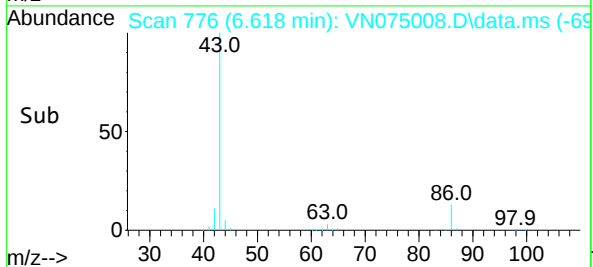
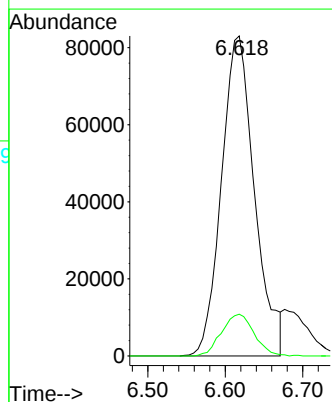
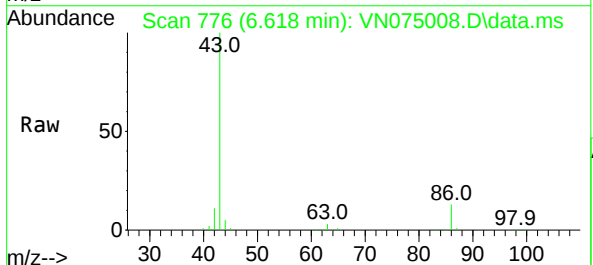


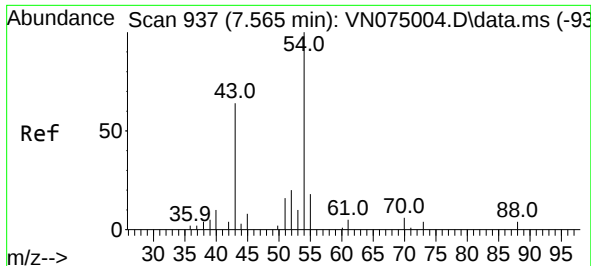
Tgt Ion: 83 Resp: 34586
Ion Ratio Lower Upper
83 100
85 66.9 54.1 81.1
127 10.7 7.6 11.4



#42
Vinyl Acetate
Concen: 99.004 ug/l
RT: 6.618 min Scan# 776
Delta R.T. 0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 43 Resp: 246683
Ion Ratio Lower Upper
43 100
86 12.8 7.5 11.3#

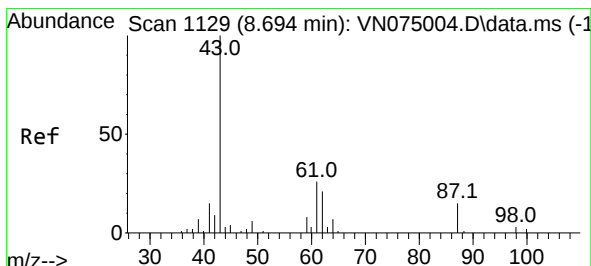
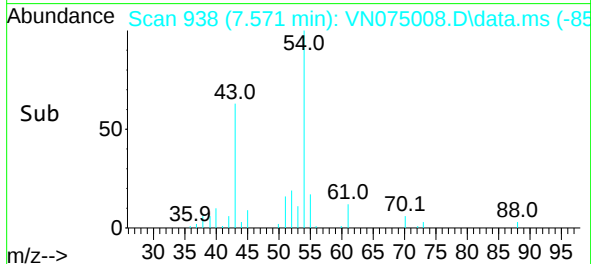
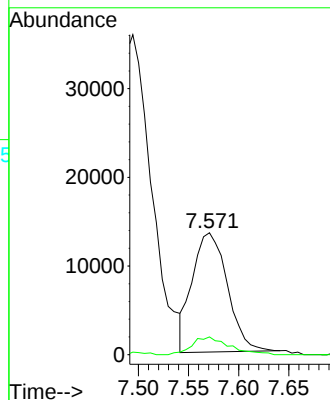
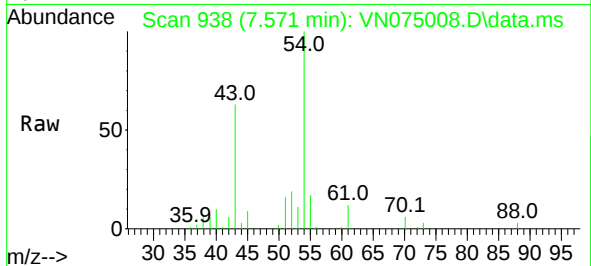




#43
Ethyl Acetate
Concen: 18.692 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

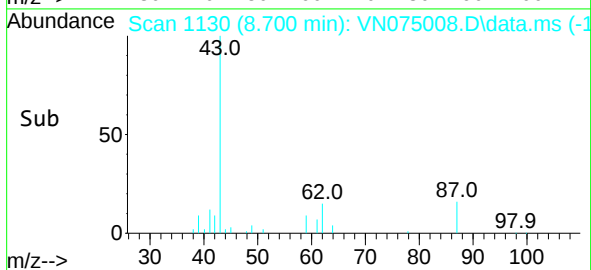
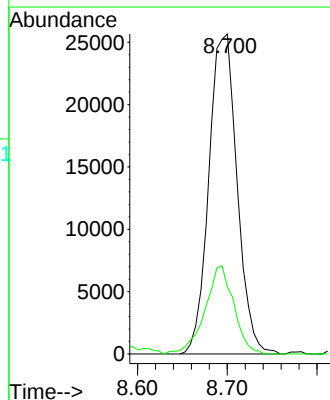
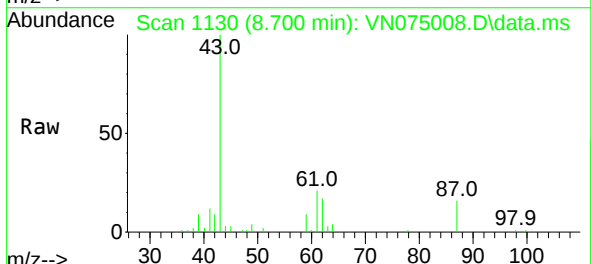
Instrument :
MSVOA_N
ClientSampleId :

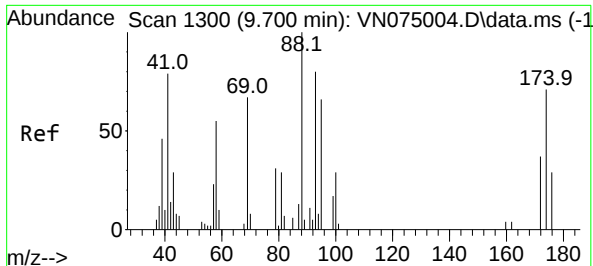
Tgt Ion: 43 Resp: 32677
Ion Ratio Lower Upper
43 100
45 15.7 10.6 16.0



#44
Isopropyl Acetate
Concen: 20.027 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 43 Resp: 56160
Ion Ratio Lower Upper
43 100
61 28.0 20.1 30.1

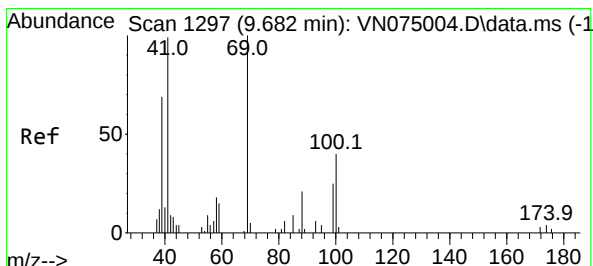
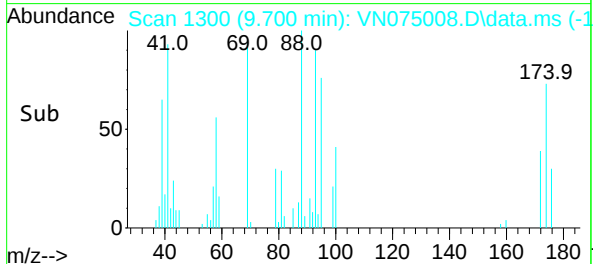
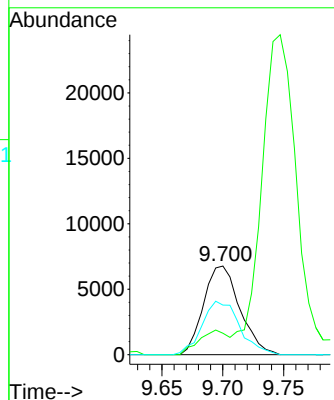
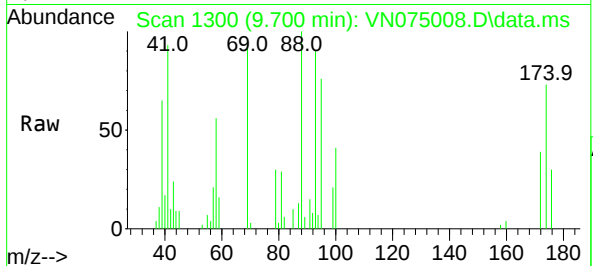




#45
1,4-Dioxane
Concen: 408.166 ug/l
RT: 9.700 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

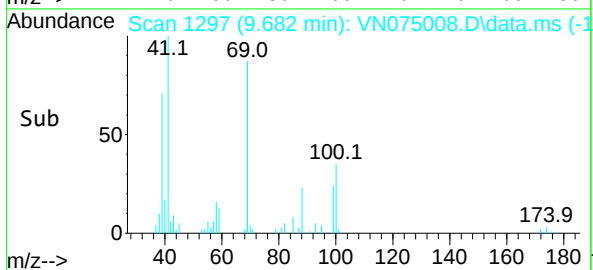
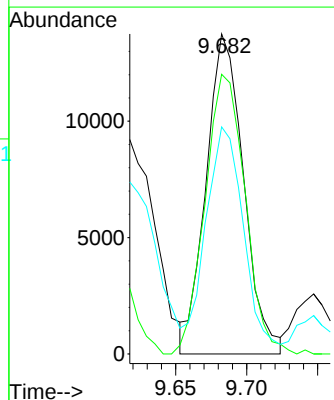
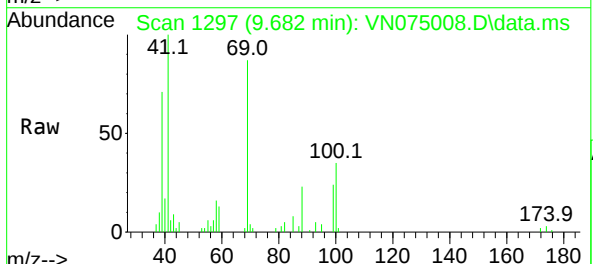
Instrument :
MSVOA_N
ClientSampleId :

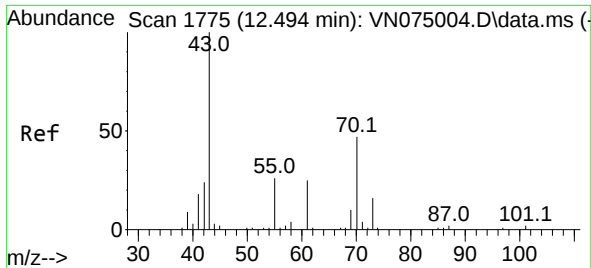
Tgt Ion: 88 Resp: 14088
Ion Ratio Lower Upper
88 100
43 22.5 25.0 37.6#
58 62.4 49.4 74.2



#46
Methyl methacrylate
Concen: 20.039 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 41 Resp: 25208
Ion Ratio Lower Upper
41 100
69 89.3 44.4 133.2
39 69.6 39.9 119.6

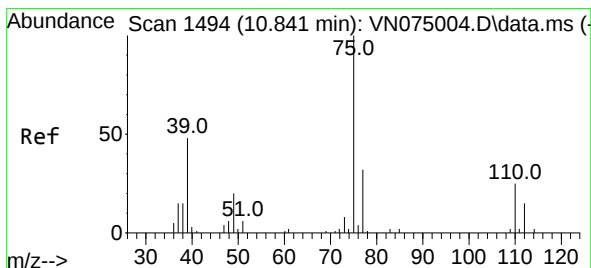
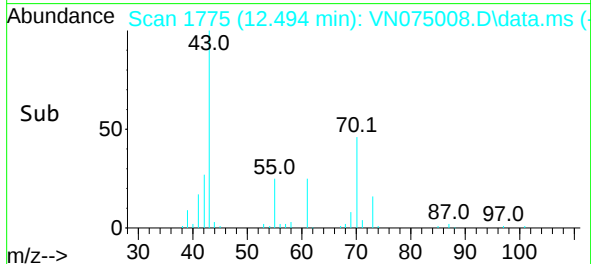
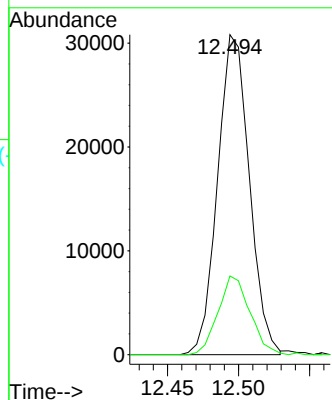
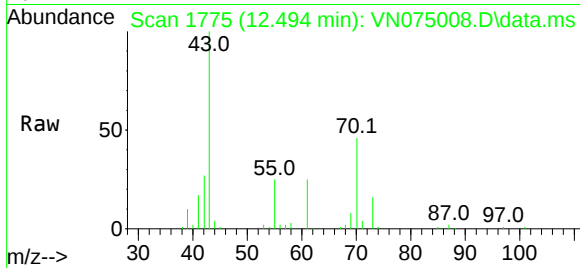




#47
n-amy1 Acetate
Concen: 19.866 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

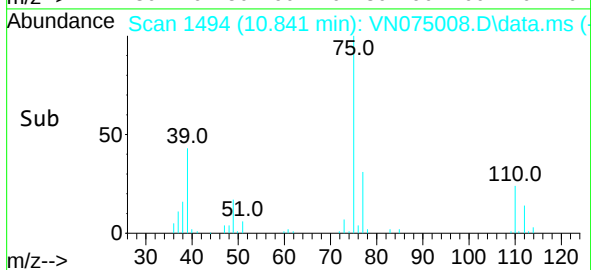
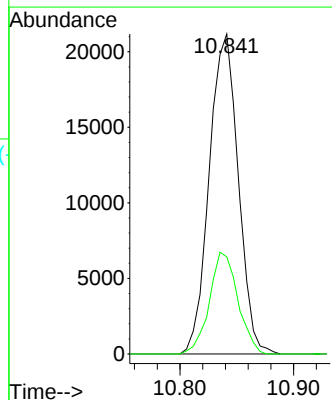
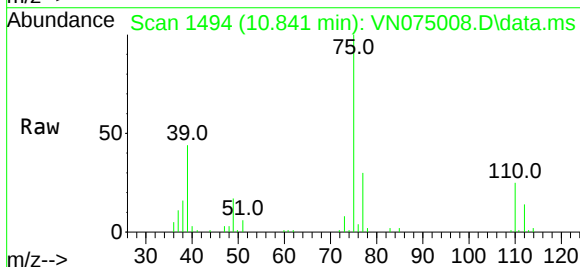
Instrument :
MSVOA_N
ClientSampleId :

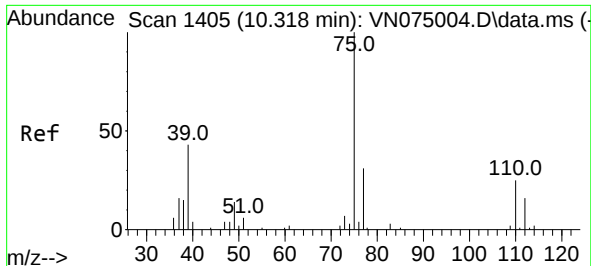
Tgt Ion: 43 Resp: 47858
Ion Ratio Lower Upper
43 100
55 24.6 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 19.741 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 75 Resp: 37621
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 18.992 ug/l

RT: 10.318 min Scan# 1405

Delta R.T. -0.000 min

Lab File: VN075008.D

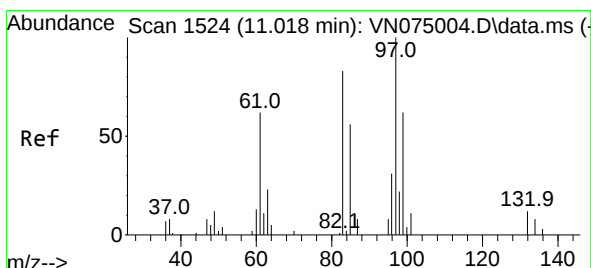
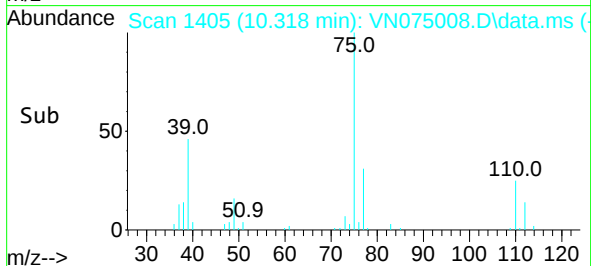
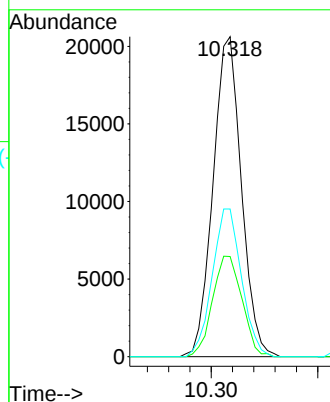
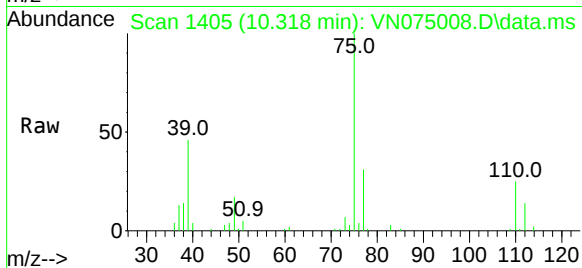
Acq: 25 Oct 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 38042
Ion Ratio	Lower Upper
75 100	
77 31.3	25.3 37.9
39 46.2	46.2 69.4#



#50

1,1,2-Trichloroethane

Concen: 19.850 ug/l

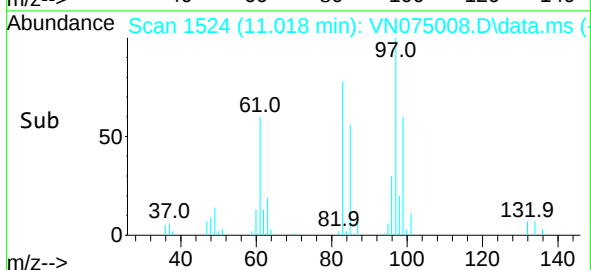
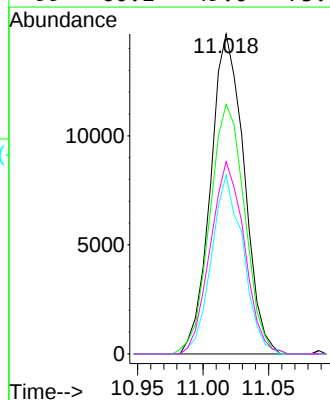
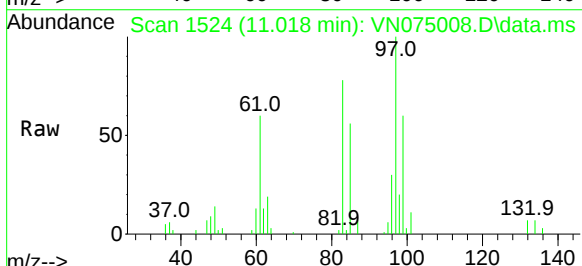
RT: 11.018 min Scan# 1524

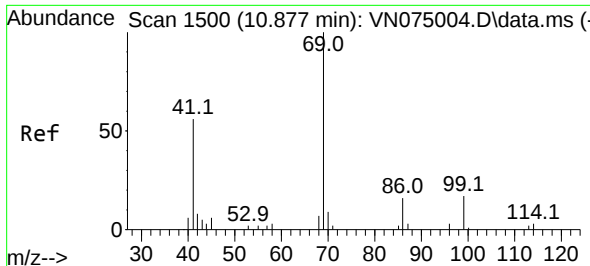
Delta R.T. -0.000 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

Tgt Ion: 97	Resp: 26057
Ion Ratio	Lower Upper
97 100	
83 76.9	67.2 100.8
85 55.9	43.0 64.4
99 60.1	49.0 73.4

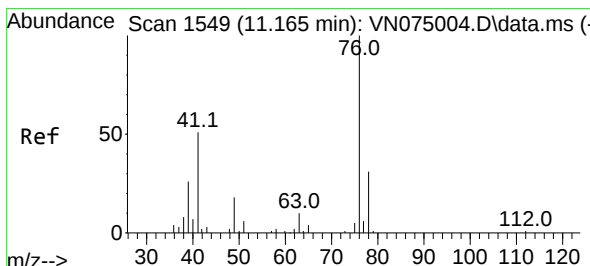
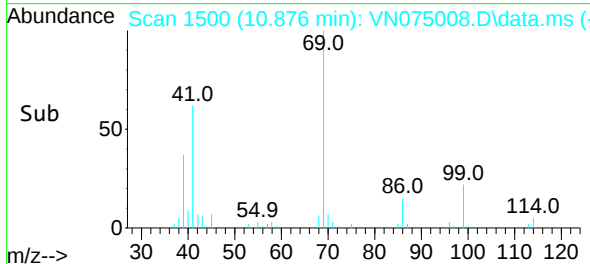
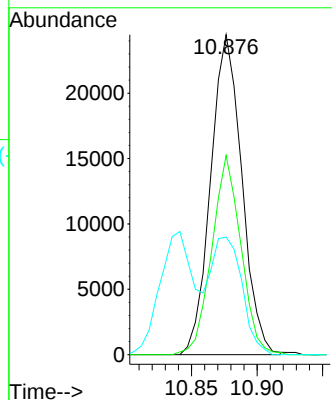
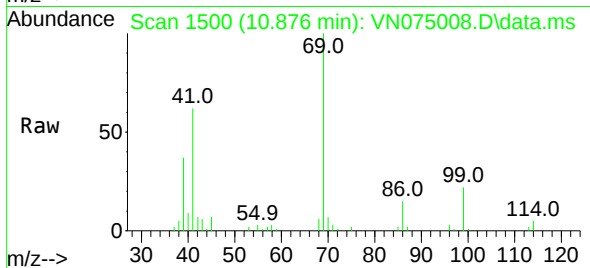




#51
Ethyl methacrylate
Concen: 19.751 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

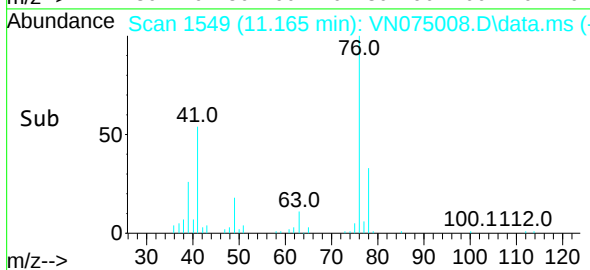
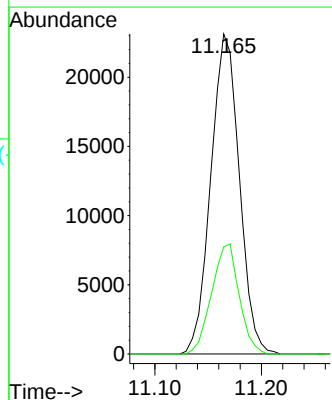
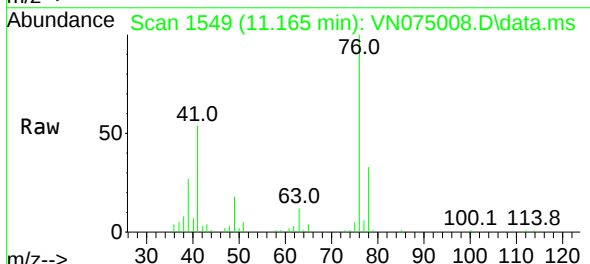
Instrument :
MSVOA_N
ClientSampleId :

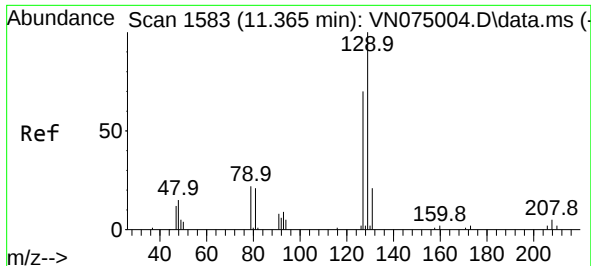
Tgt Ion: 69 Resp: 40394
Ion Ratio Lower Upper
69 100
41 61.6 33.0 98.9
39 36.7 25.4 76.4



#52
1,3-Dichloropropane
Concen: 19.571 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 76 Resp: 42967
Ion Ratio Lower Upper
76 100
78 33.1 0.0 65.4

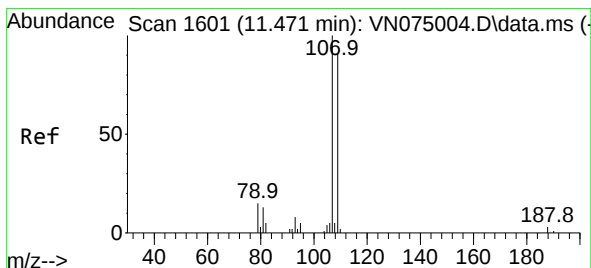
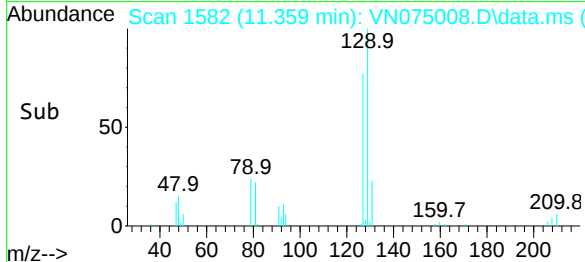
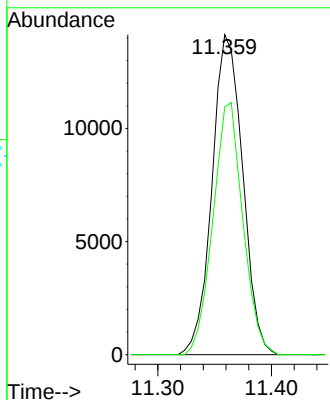
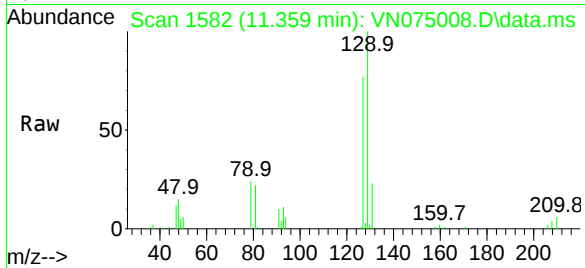




#53
Dibromochloromethane
Concen: 18.684 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

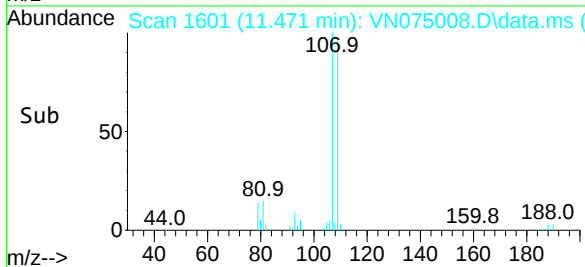
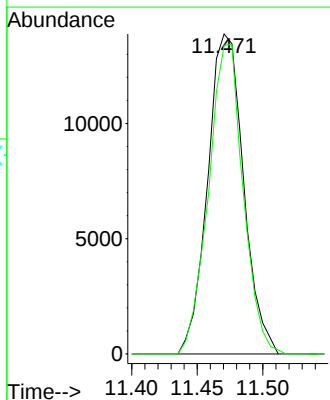
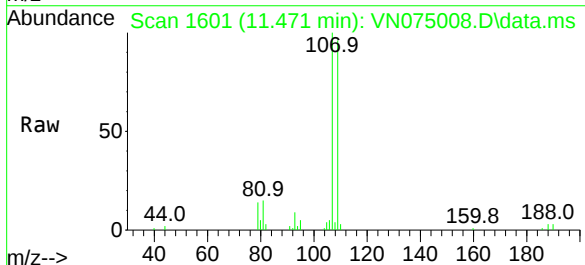
Instrument :
MSVOA_N
ClientSampleId :

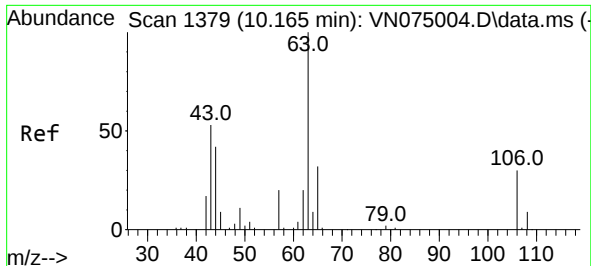
Tgt Ion:129 Resp: 26527
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0



#54
1,2-Dibromoethane
Concen: 19.434 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion:107 Resp: 26393
Ion Ratio Lower Upper
107 100
109 93.2 72.8 109.2

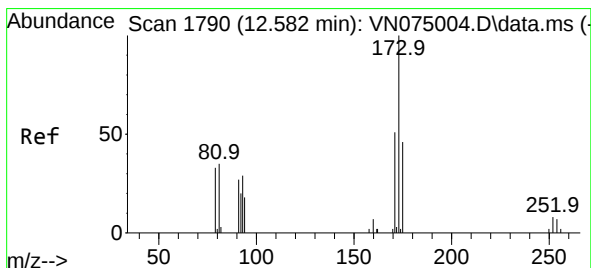
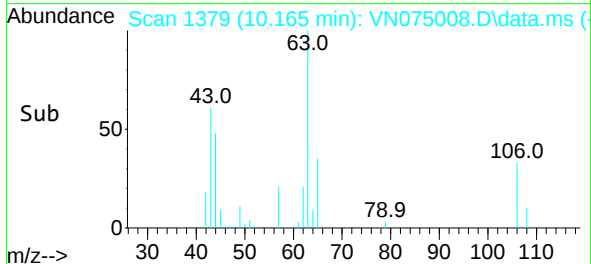
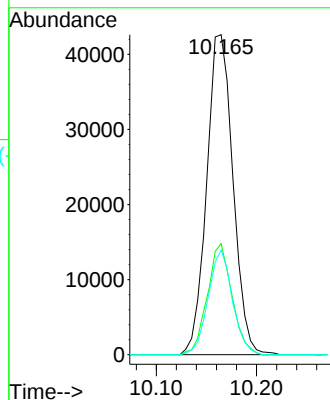
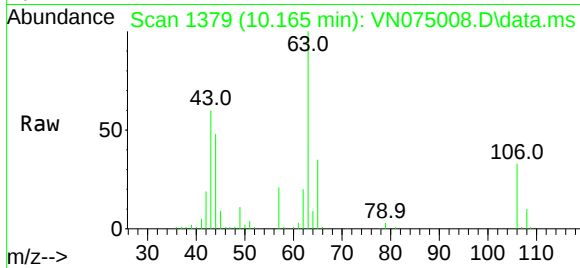




#55
2-Chloroethyl vinyl ether
Concen: 93.231 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

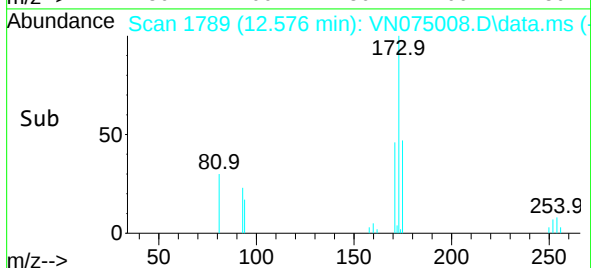
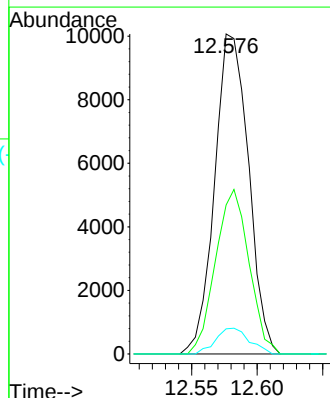
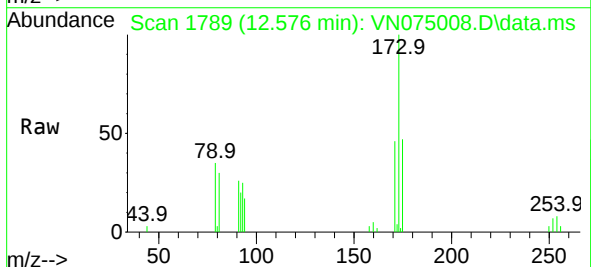
Instrument :
MSVOA_N
ClientSampleId :

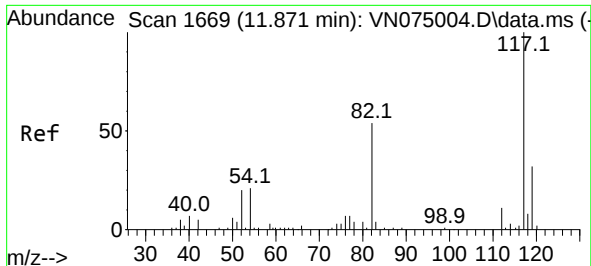
Tgt Ion: 63 Resp: 77902
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.0
106 30.2 23.2 34.8



#56
Bromoform
Concen: 17.357 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion:173 Resp: 18092
Ion Ratio Lower Upper
173 100
175 50.8 38.6 58.0
254 8.0 0.0 0.0#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.870 min Scan# 117

Delta R.T. -0.000 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

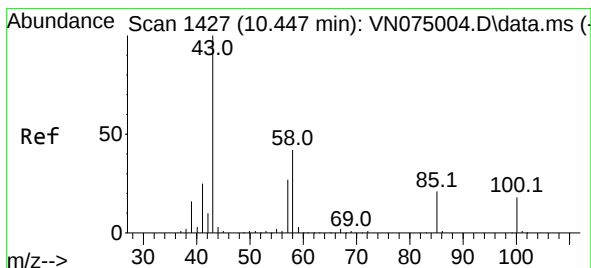
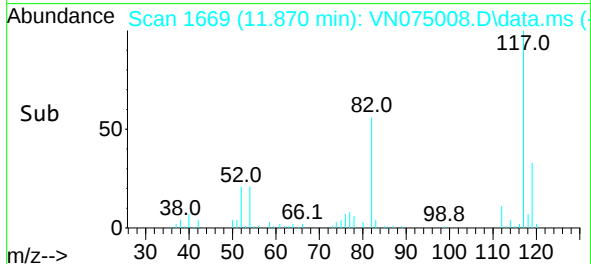
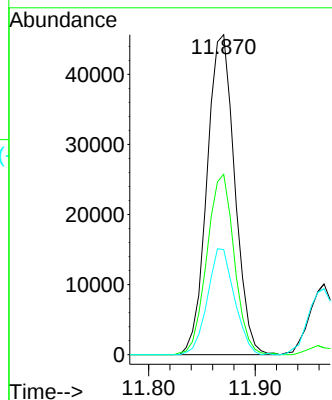
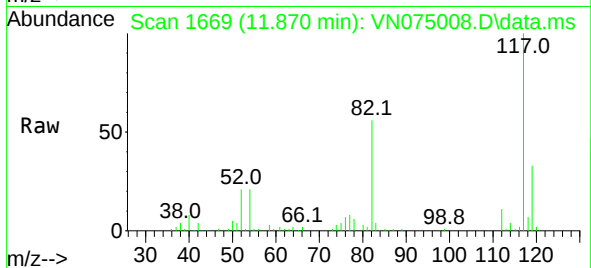
Tgt Ion:117 Resp: 82436

Ion Ratio Lower Upper

117 100

82 55.7 43.6 65.4

119 32.2 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 104.368 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

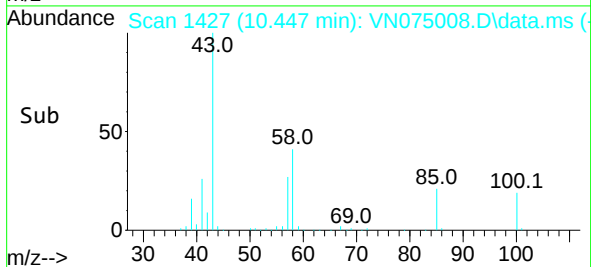
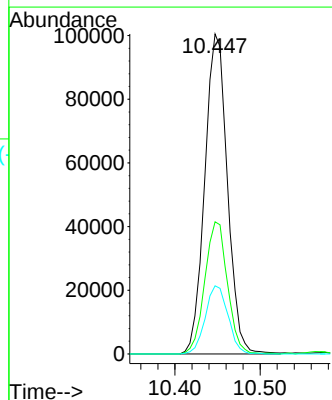
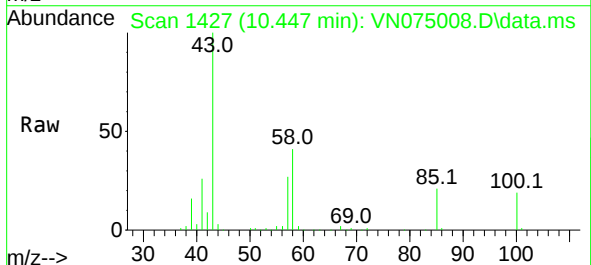
Tgt Ion: 43 Resp: 185579

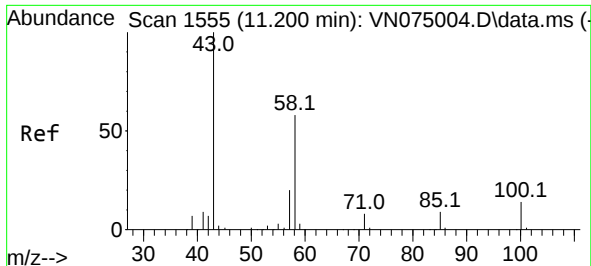
Ion Ratio Lower Upper

43 100

58 41.3 30.0 45.0

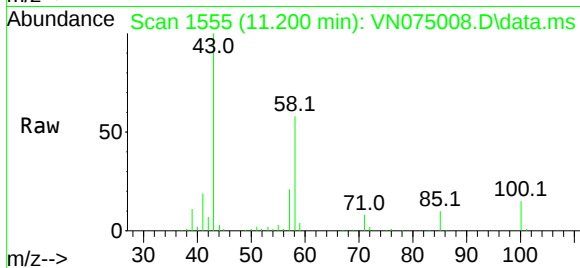
85 21.3 15.0 22.6



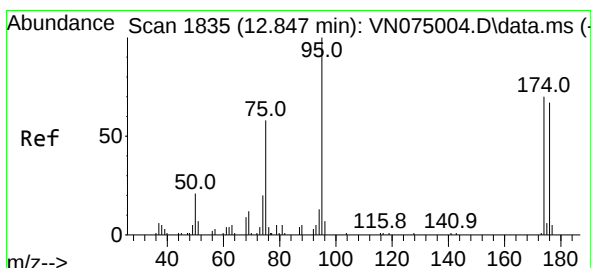
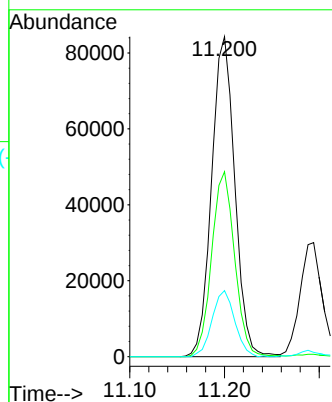
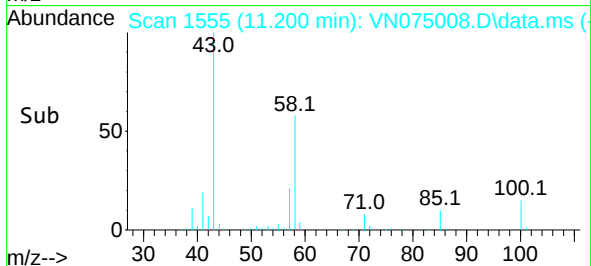


#59
2-Hexanone
Concen: 105.395 ug/l
RT: 11.200 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

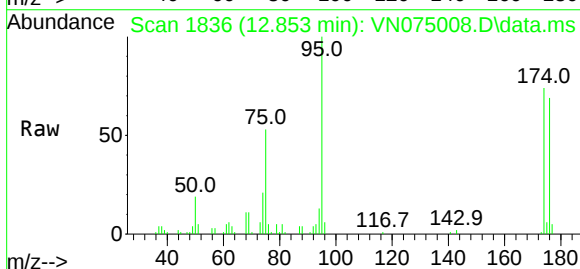
Instrument :
MSVOA_N
ClientSampleId :



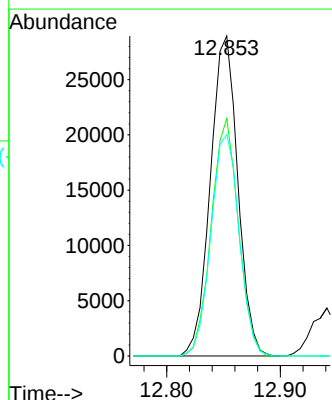
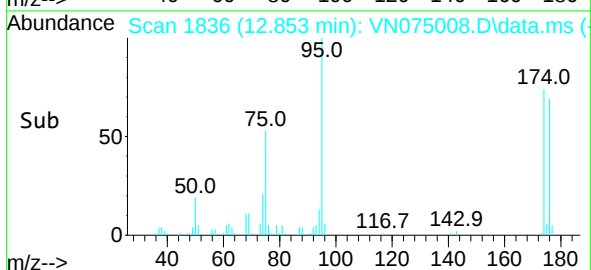
Tgt Ion: 43 Resp: 143764
Ion Ratio Lower Upper
43 100
58 57.1 42.2 63.2
57 20.2 15.0 22.4

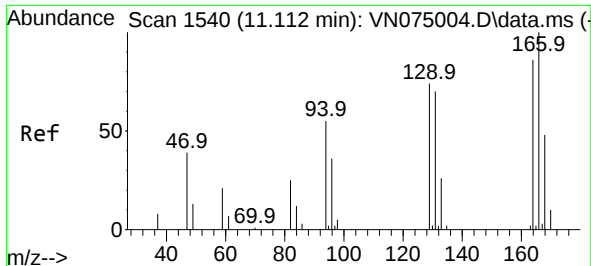


#60
4-Bromofluorobenzene
Concen: 30.061 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46



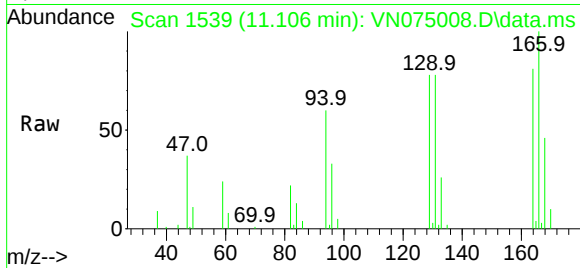
Tgt Ion: 95 Resp: 48691
Ion Ratio Lower Upper
95 100
174 73.3 62.9 94.3
176 70.9 61.0 91.4



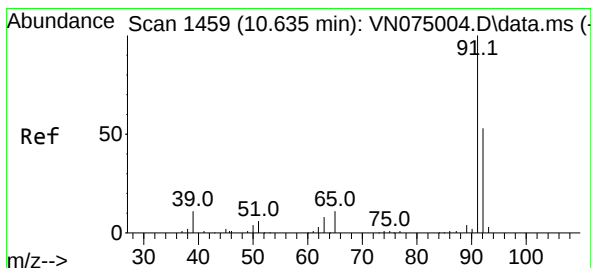
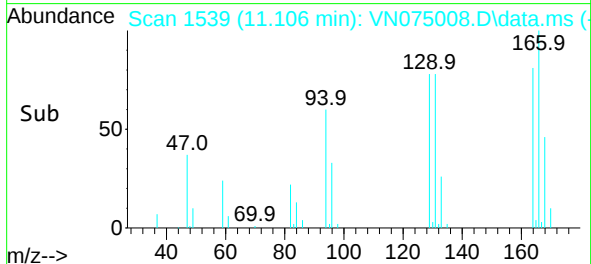
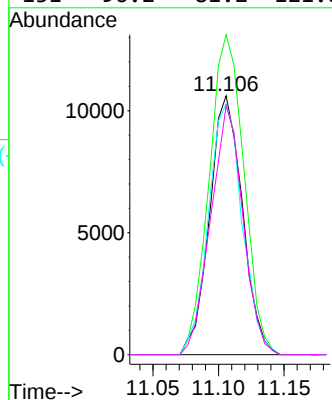


#61
Tetrachloroethene
Concen: 20.209 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Instrument :
MSVOA_N
ClientSampleId :

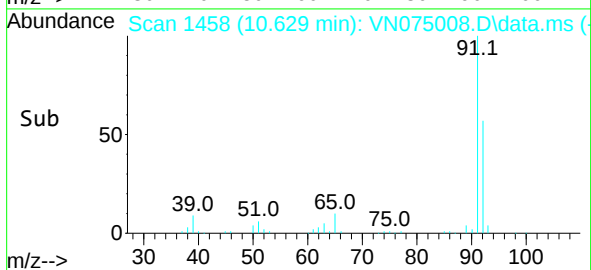
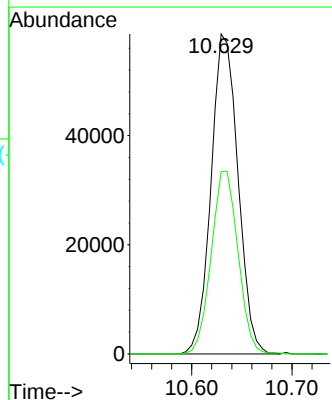
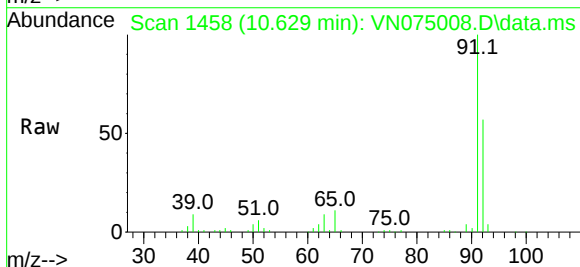


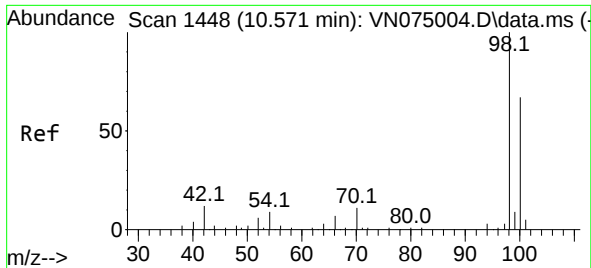
Tgt Ion:164 Resp: 18527
Ion Ratio Lower Upper
164 100
166 123.6 105.8 158.8
129 96.8 82.5 123.7
131 96.2 81.2 121.8



#62
Toluene
Concen: 20.463 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 91 Resp: 109218
Ion Ratio Lower Upper
91 100
92 56.9 44.6 67.0

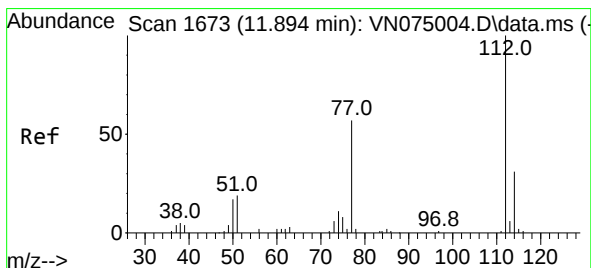
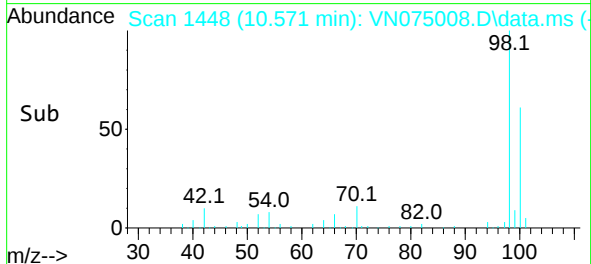
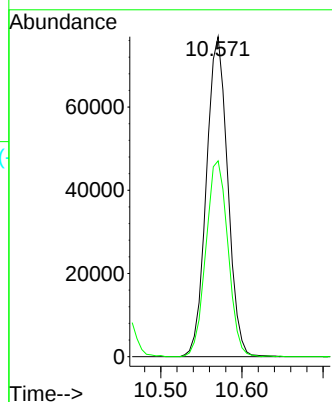
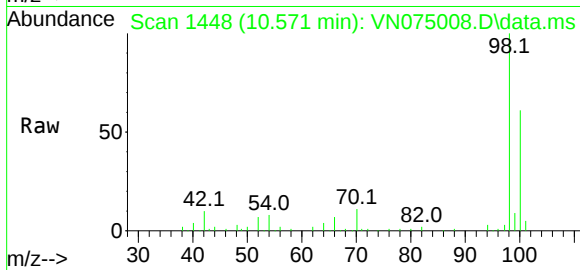




#63
Toluene-d8
Concen: 30.447 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

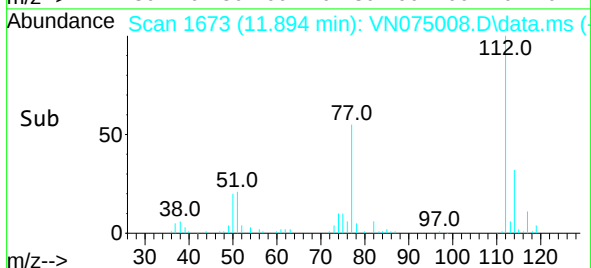
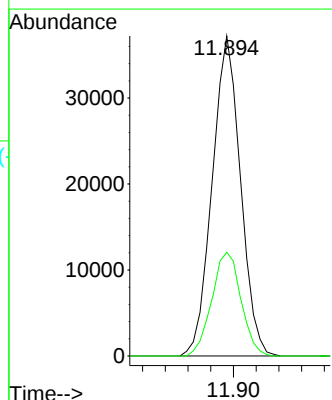
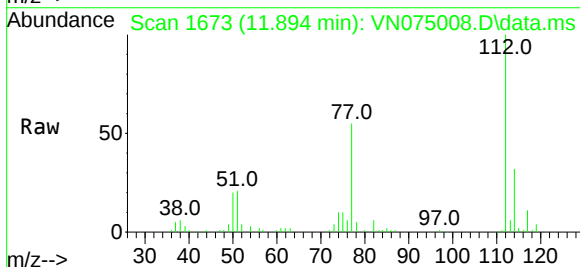
Instrument :
MSVOA_N
ClientSampleId :

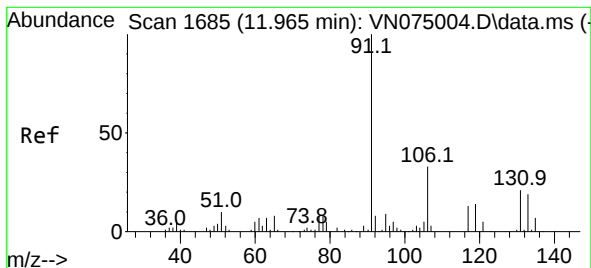
Tgt Ion: 98 Resp: 140380
Ion Ratio Lower Upper
98 100
100 63.3 50.6 76.0



#64
Chlorobenzene
Concen: 19.458 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 112 Resp: 64358
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



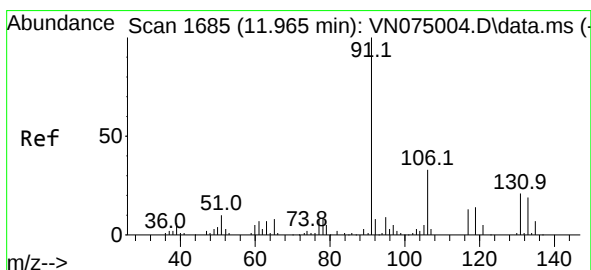
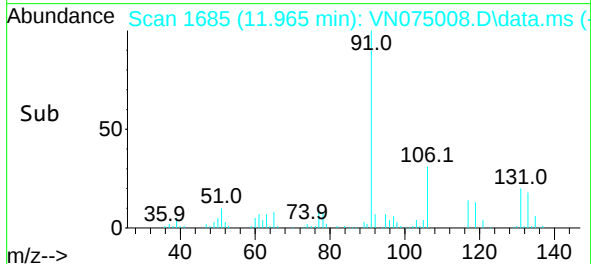
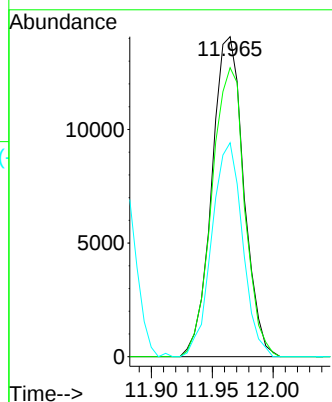
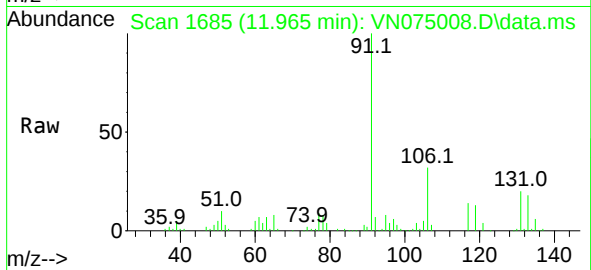


#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.332 ug/l
 RT: 11.965 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN075008.D
 Acq: 25 Oct 2022 13:46

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:131 Resp: 25689

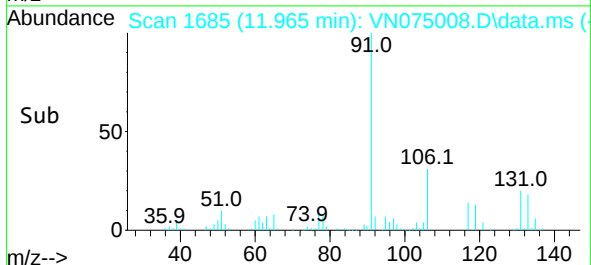
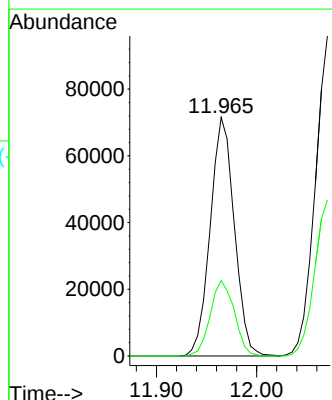
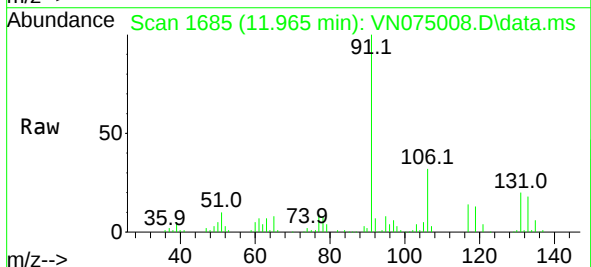
Ion	Ratio	Lower	Upper
131	100		
133	92.7	0.0	191.2
119	64.3	0.0	128.8

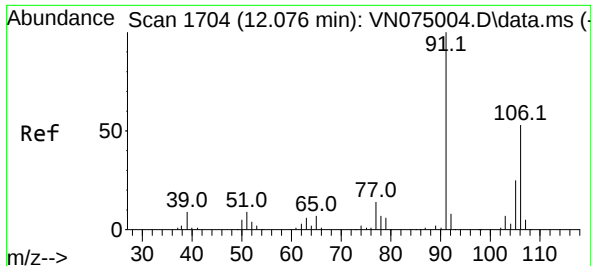


#66
 Ethyl Benzene
 Concen: 19.875 ug/l
 RT: 11.965 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN075008.D
 Acq: 25 Oct 2022 13:46

Tgt Ion: 91 Resp: 119552

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.0	36.0

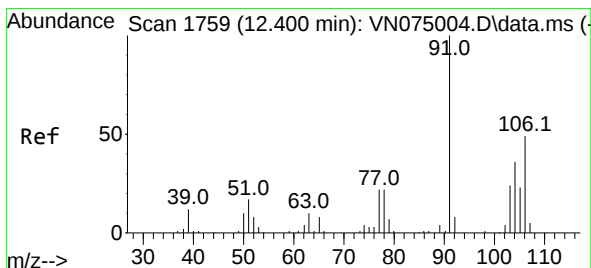
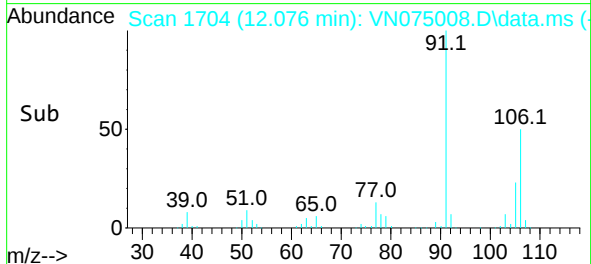
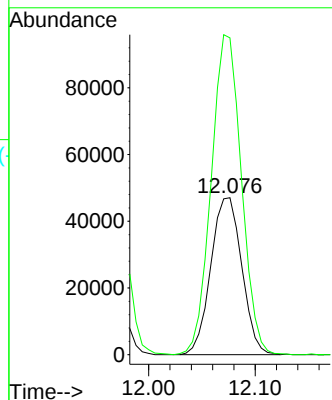
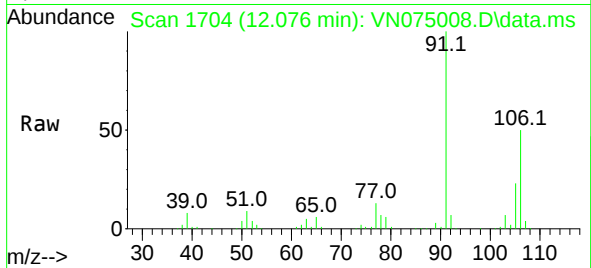




#67
m/p-Xylenes
Concen: 39.432 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

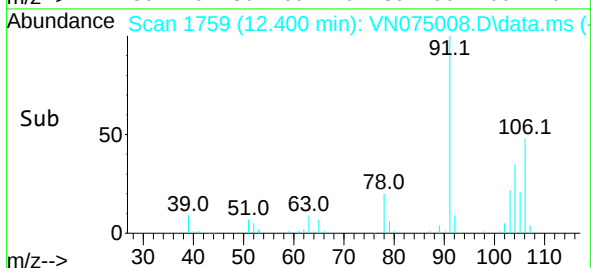
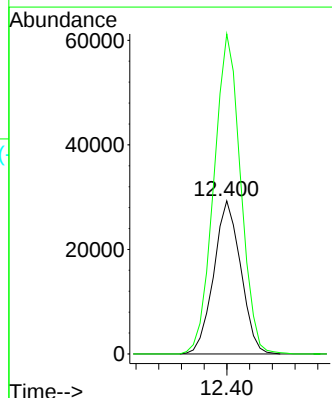
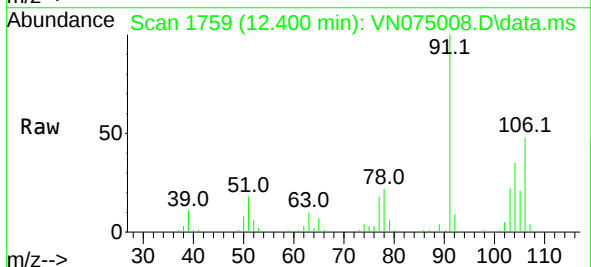
Instrument :
MSVOA_N
ClientSampleId :

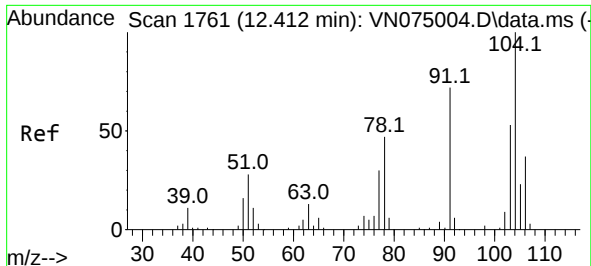
Tgt Ion:106 Resp: 95125
Ion Ratio Lower Upper
106 100
91 198.3 162.9 244.3



#68
o-Xylene
Concen: 19.906 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion:106 Resp: 48270
Ion Ratio Lower Upper
106 100
91 207.6 107.7 323.1





#69

Styrene

Concen: 18.970 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075008.D

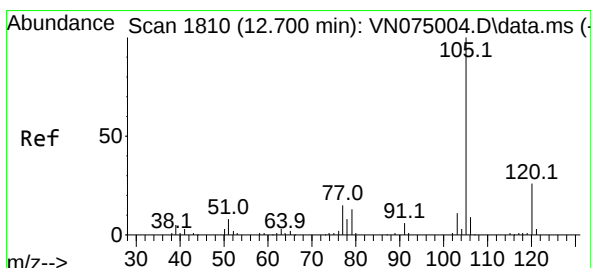
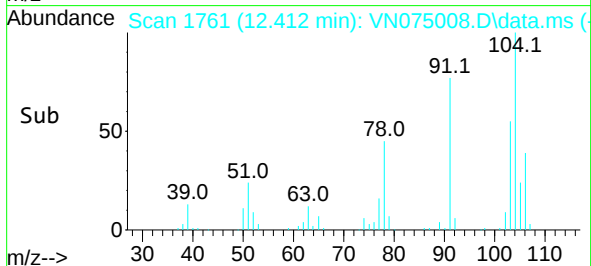
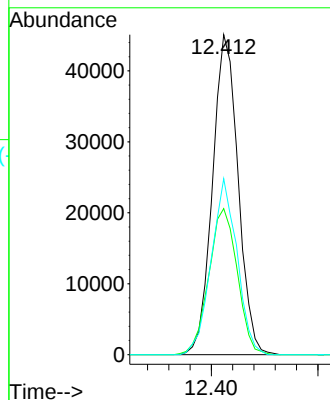
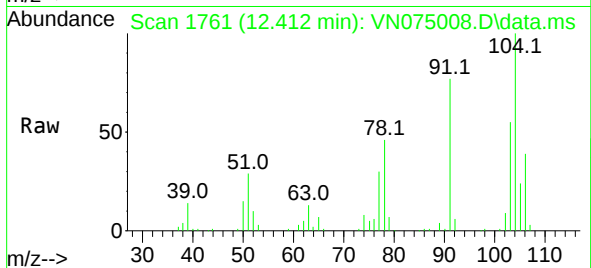
Acq: 25 Oct 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104	Resp:	75228
Ion	Ratio	Lower Upper
104	100	
78	50.8	40.7 61.1
103	55.5	45.8 68.8



#70

Isopropylbenzene

Concen: 19.145 ug/l

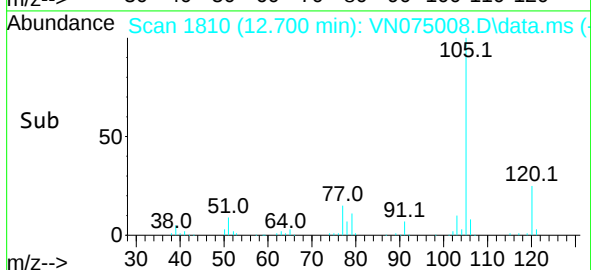
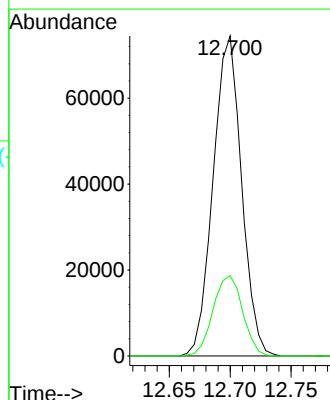
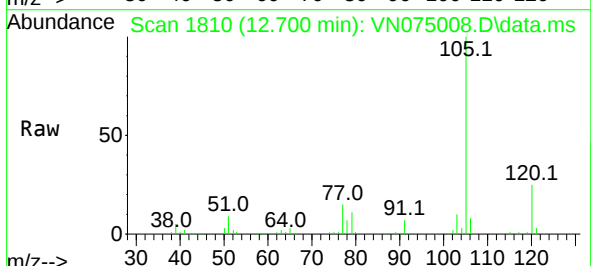
RT: 12.700 min Scan# 1810

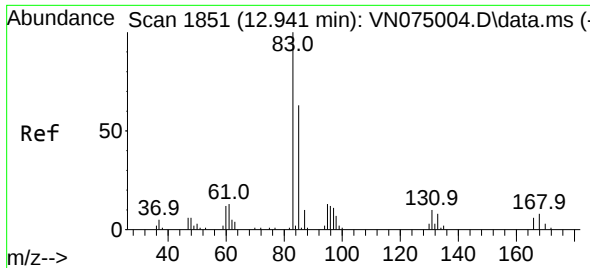
Delta R.T. -0.000 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

Tgt Ion:105	Resp:	120962
Ion	Ratio	Lower Upper
105	100	
120	26.1	18.3 34.1

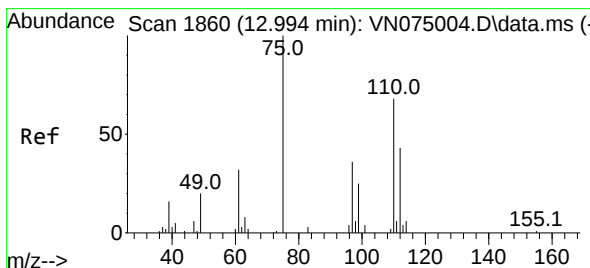
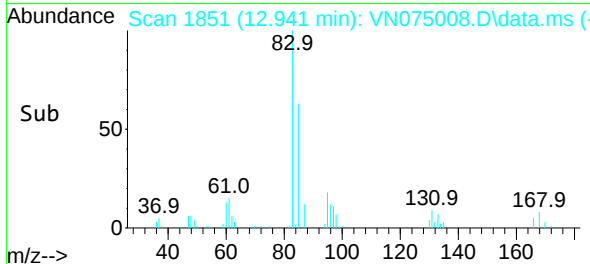
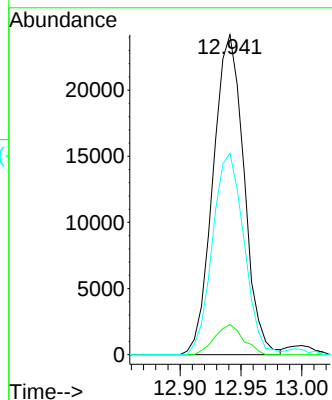
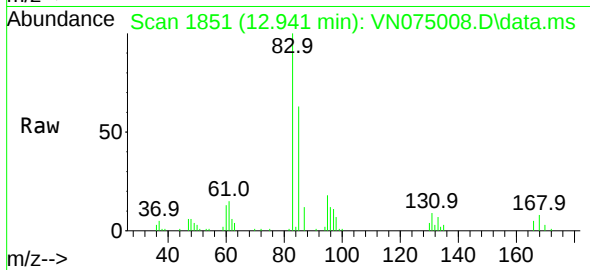




#71
1,1,2,2-Tetrachloroethane
Concen: 20.749 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

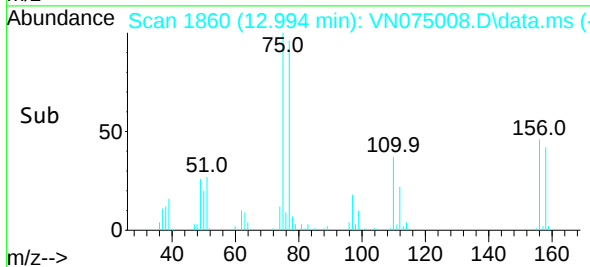
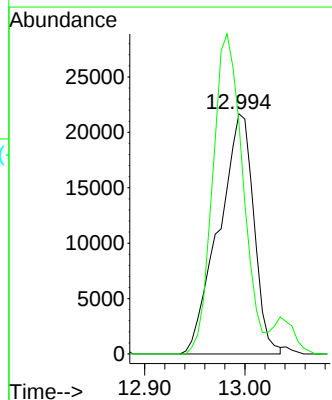
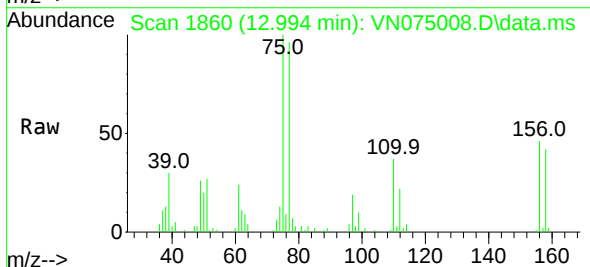
Instrument :
MSVOA_N
ClientSampleId :

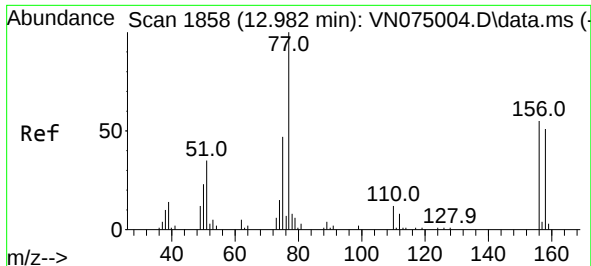
Tgt Ion: 83 Resp: 42703
Ion Ratio Lower Upper
83 100
131 8.7 5.1 15.3
85 64.1 33.1 99.2



#72
1,2,3-Trichloropropane
Concen: 28.125 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

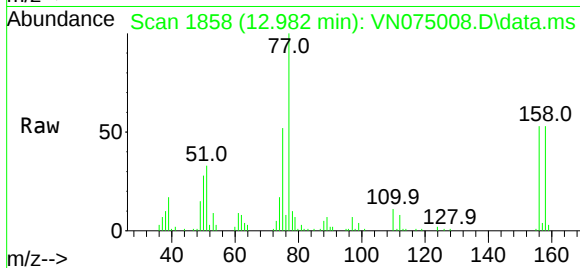
Tgt Ion: 75 Resp: 52561
Ion Ratio Lower Upper
75 100
77 113.5 0.0 378.0



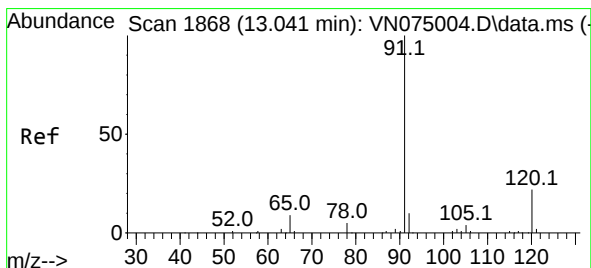
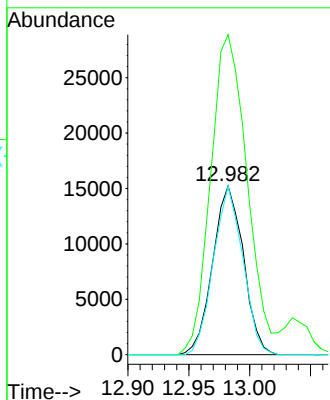
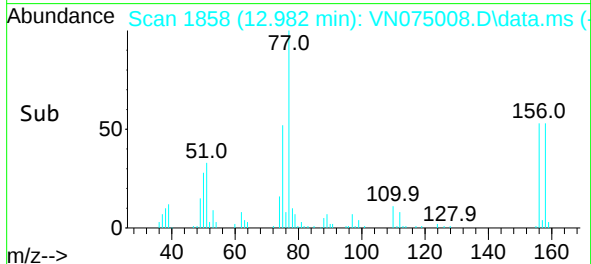


#73
Bromobenzene
Concen: 19.031 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

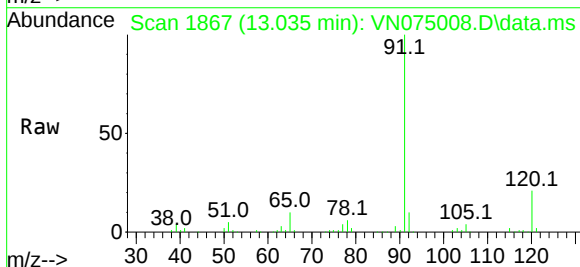
Instrument :
MSVOA_N
ClientSampleId :



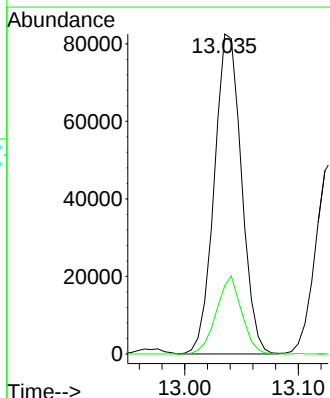
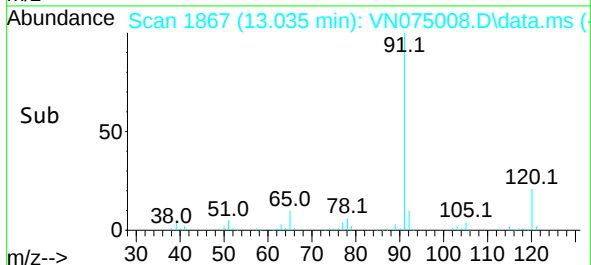
Tgt Ion:156 Resp: 26764
Ion Ratio Lower Upper
156 100
77 222.9 0.0 416.0
158 95.3 0.0 195.4

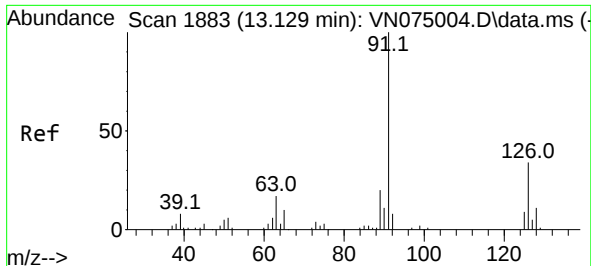


#74
n-propylbenzene
Concen: 19.409 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46



Tgt Ion: 91 Resp: 137322
Ion Ratio Lower Upper
91 100
120 22.5 0.0 45.0

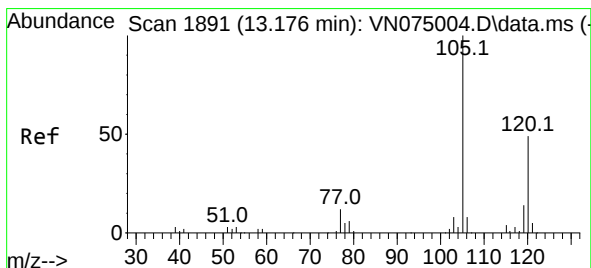
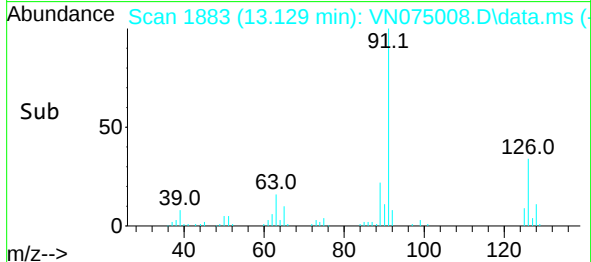
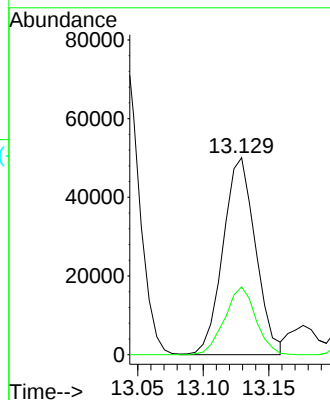
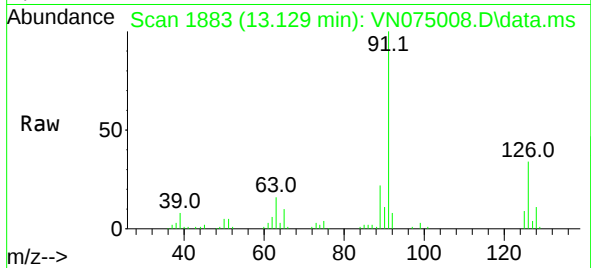




#75
2-Chlorotoluene
Concen: 20.056 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

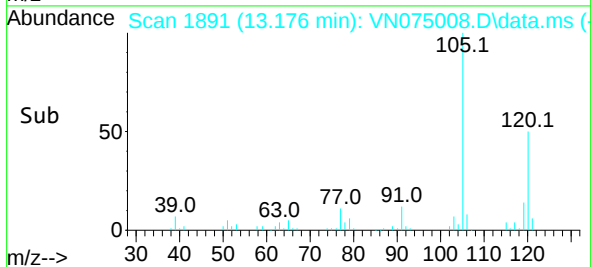
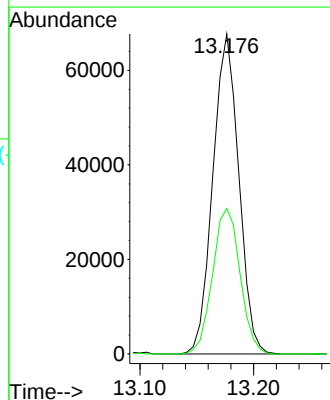
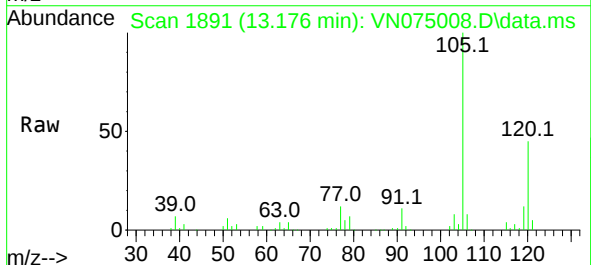
Instrument :
MSVOA_N
ClientSampleId :

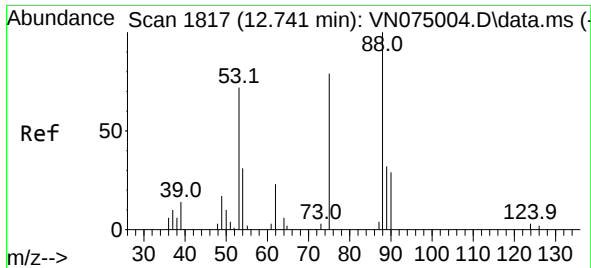
Tgt Ion: 91 Resp: 86353
Ion Ratio Lower Upper
91 100
126 32.9 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 20.044 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 105 Resp: 107280
Ion Ratio Lower Upper
105 100
120 48.2 0.0 93.8

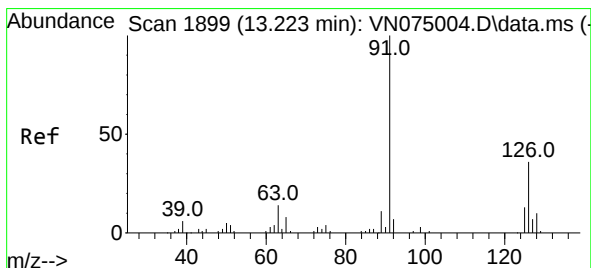
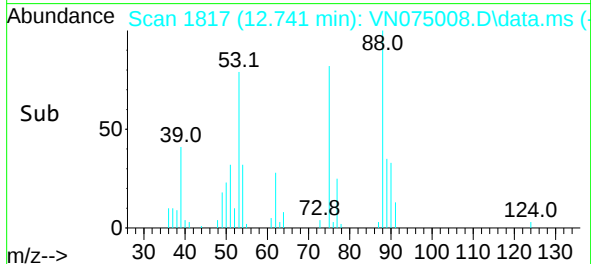
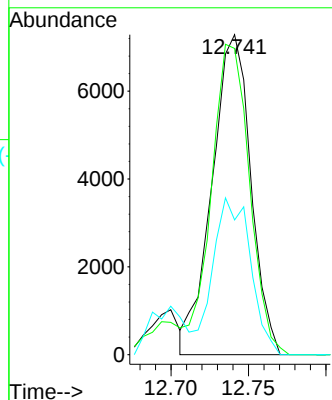
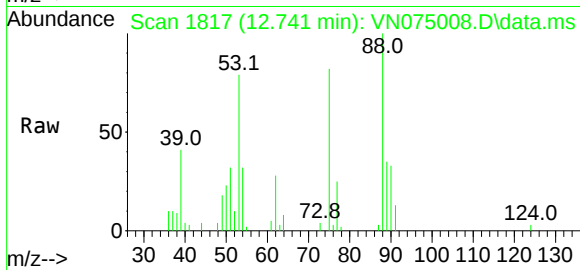




#77
t-1,4-Dichloro-2-butene
Concen: 19.452 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

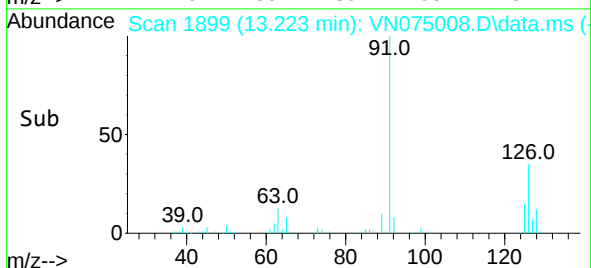
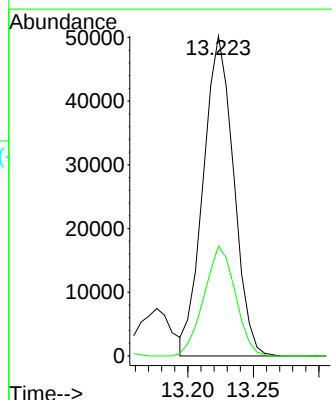
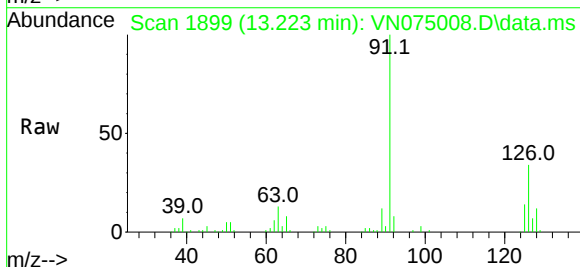
Instrument :
MSVOA_N
ClientSampleId :

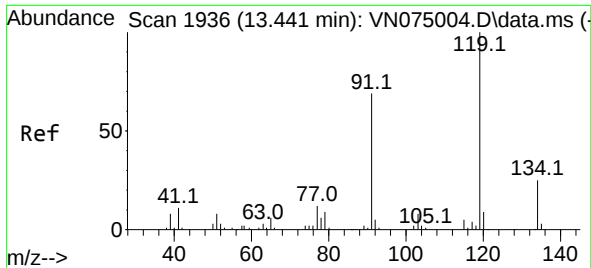
Tgt Ion: 75 Resp: 12698
Ion Ratio Lower Upper
75 100
53 93.5 51.8 155.5
89 42.1 22.9 68.7



#78
4-Chlorotoluene
Concen: 19.379 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion: 91 Resp: 81048
Ion Ratio Lower Upper
91 100
126 35.3 0.0 70.6

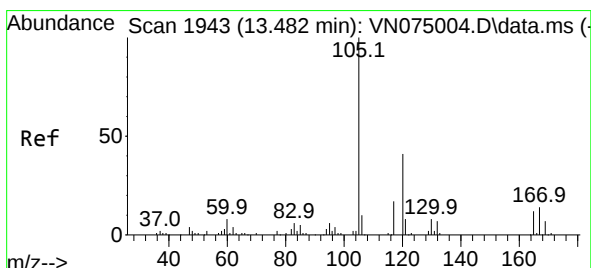
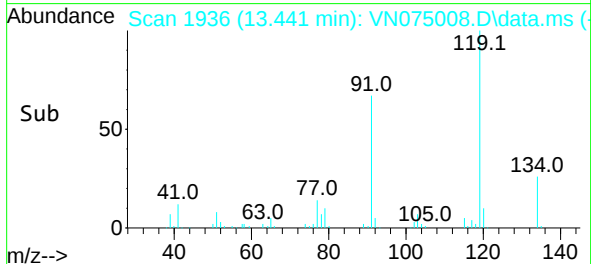
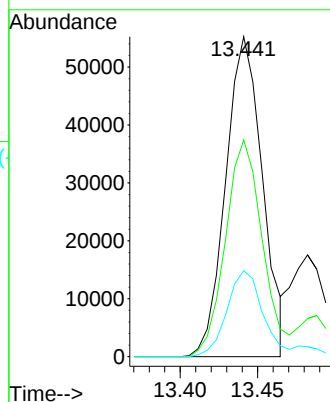
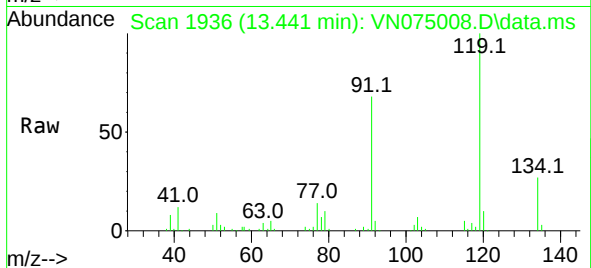




#79
tert-butylbenzene
Concen: 19.096 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

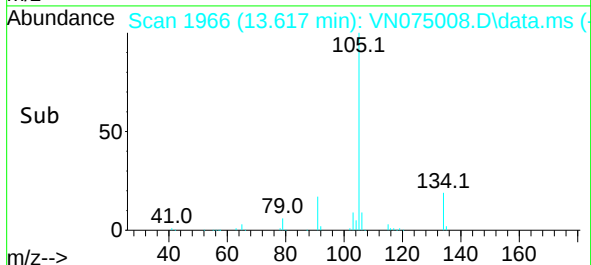
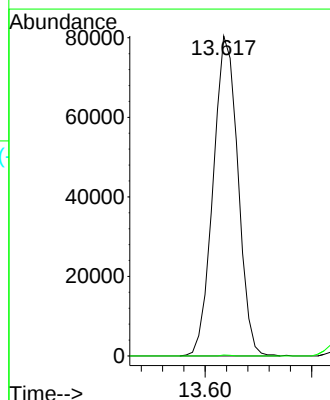
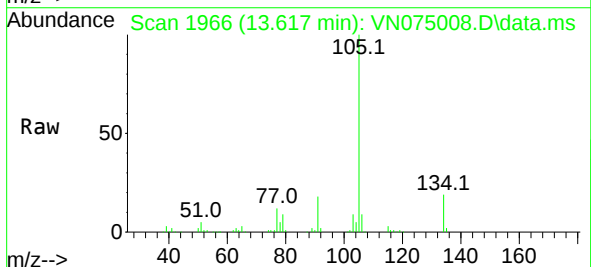
Instrument :
MSVOA_N
ClientSampleId :

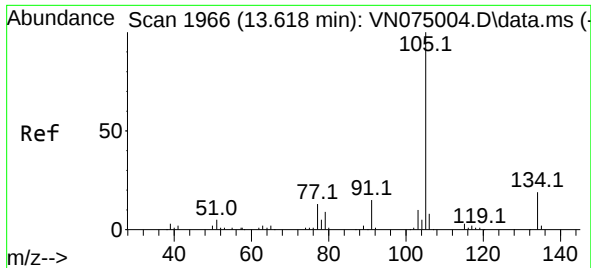
Tgt Ion:119 Resp: 91258
Ion Ratio Lower Upper
119 100
91 68.1 0.0 137.0
134 26.1 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 23.849 ug/l
RT: 13.617 min Scan# 1966
Delta R.T. 0.135 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

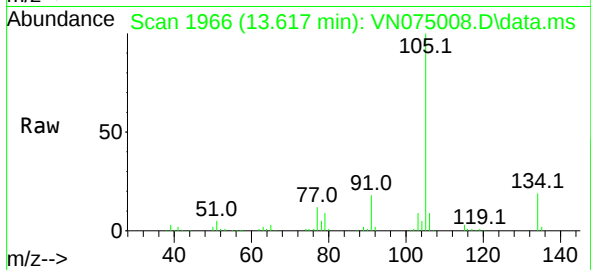
Tgt Ion:105 Resp: 129844
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2



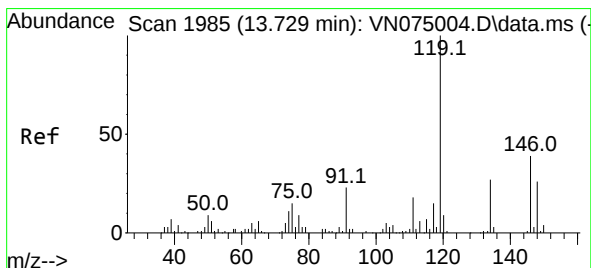
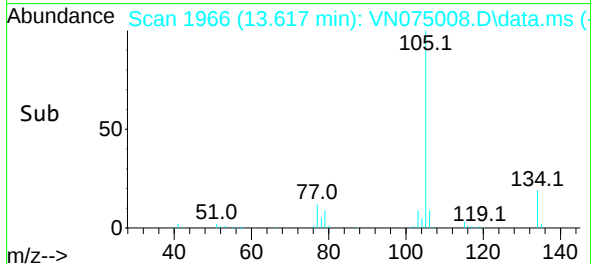
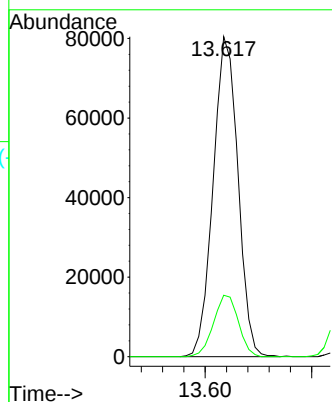


#81
 sec-Butylbenzene
 Concen: 19.327 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075008.D
 Acq: 25 Oct 2022 13:46

Instrument :
 MSVOA_N
 ClientSampleId :

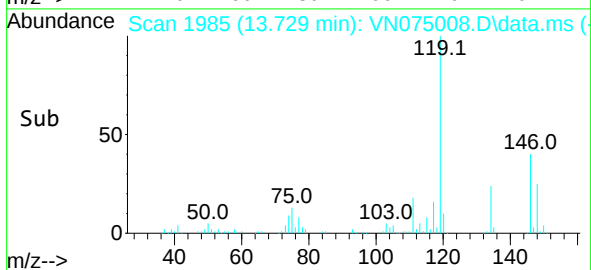
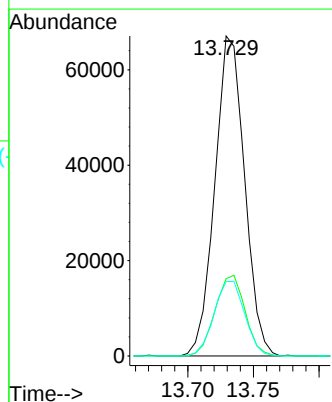
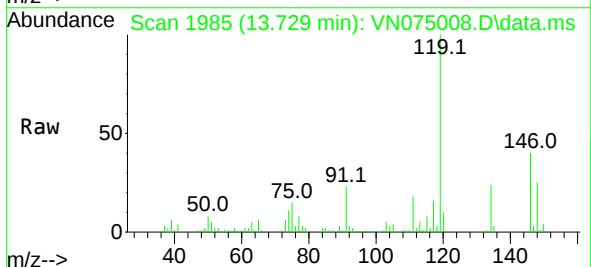


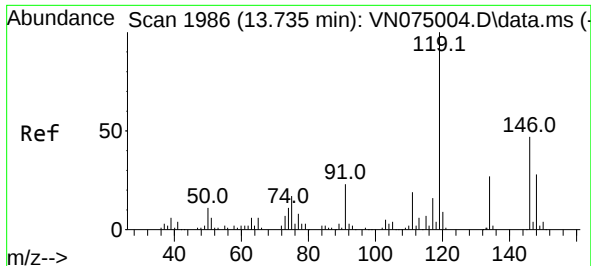
Tgt Ion:105 Resp: 129844
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 18.640 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075008.D
 Acq: 25 Oct 2022 13:46

Tgt Ion:119 Resp: 105645
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.8
 91 24.2 0.0 50.4

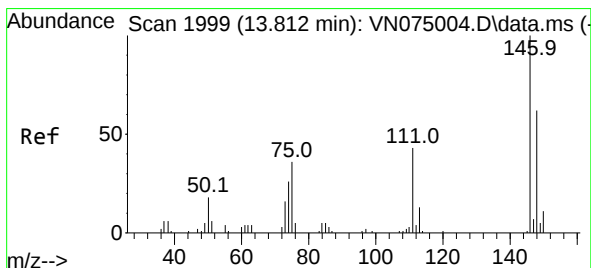
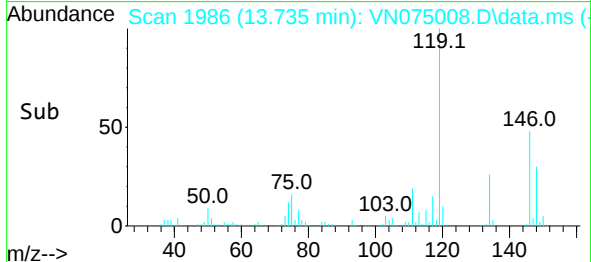
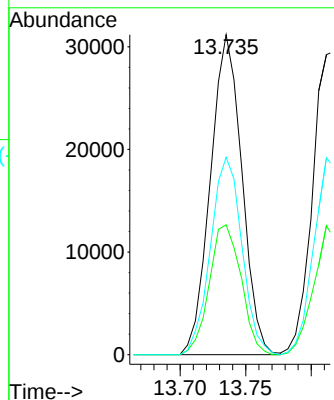
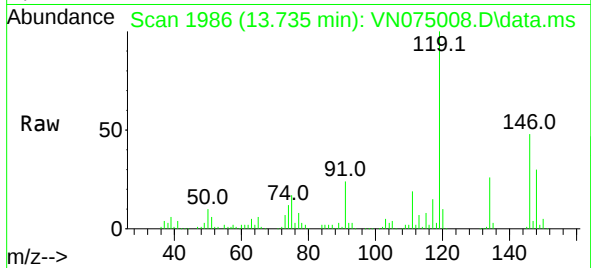




#83
1,3-Dichlorobenzene
Concen: 18.714 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

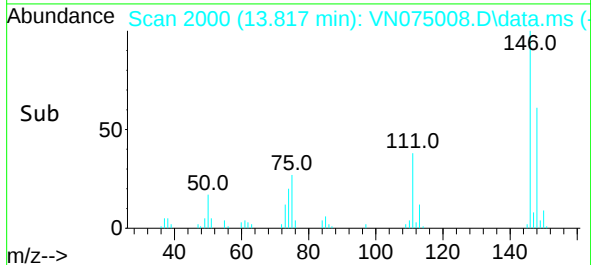
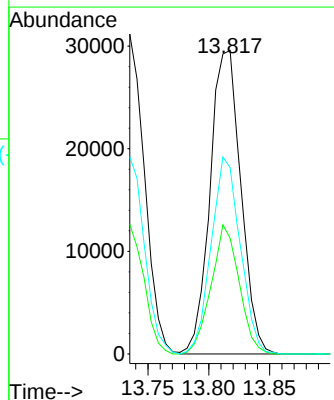
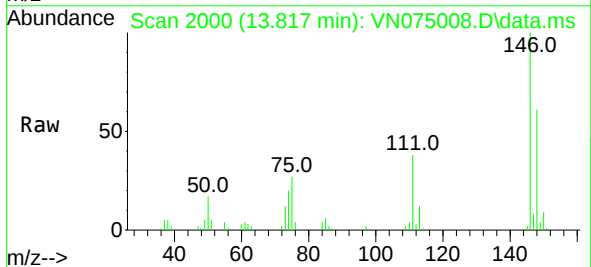
Instrument :
MSVOA_N
ClientSampleId :

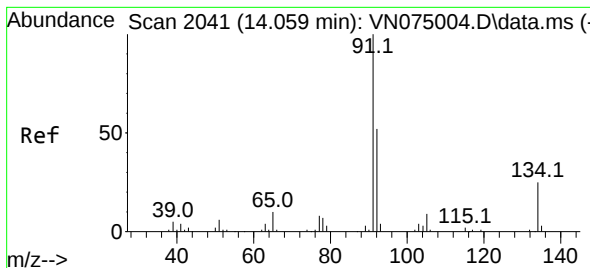
Tgt Ion:146 Resp: 52045
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.2
148 61.5 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 19.383 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN075008.D
Acq: 25 Oct 2022 13:46

Tgt Ion:146 Resp: 52007
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 61.4 31.1 93.5





#85

n-Butylbenzene

Concen: 18.154 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

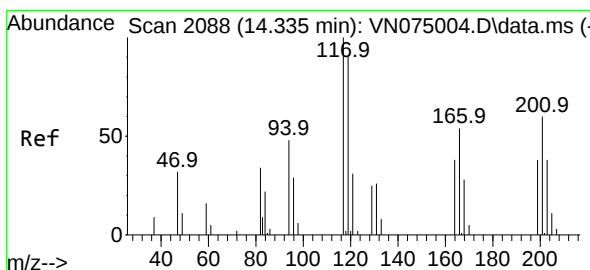
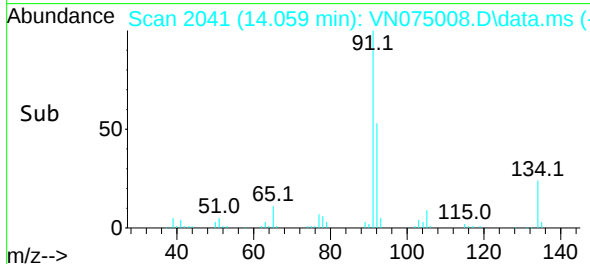
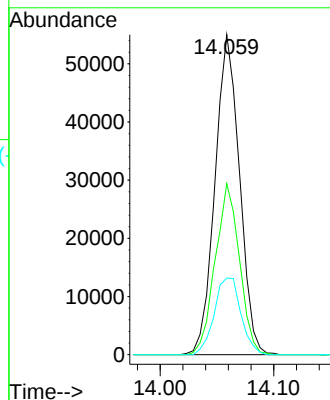
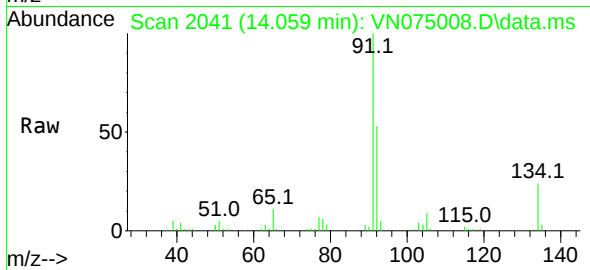
Tgt Ion: 91 Resp: 82527

Ion Ratio Lower Upper

91 100

92 52.8 0.0 100.6

134 26.1 0.0 50.2



#86

Hexachloroethane

Concen: 19.194 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VN075008.D

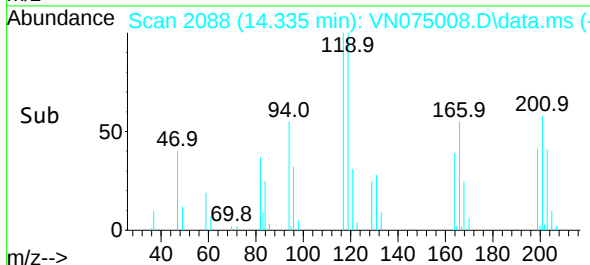
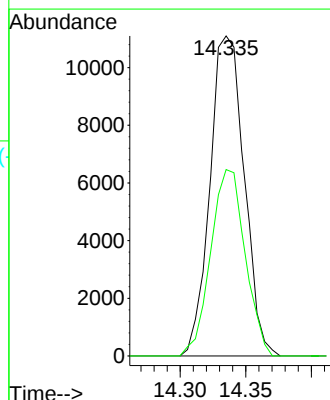
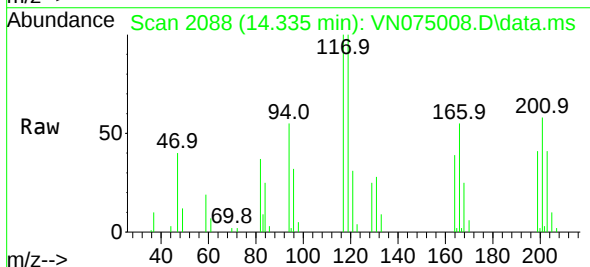
Acq: 25 Oct 2022 13:46

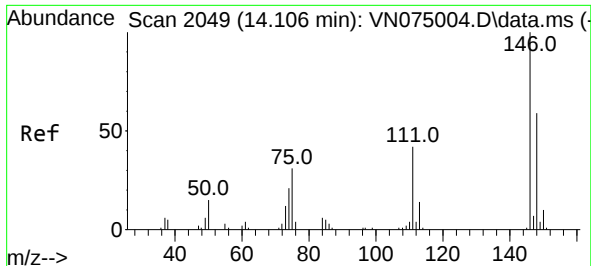
Tgt Ion: 117 Resp: 20159

Ion Ratio Lower Upper

117 100

201 58.6 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 19.063 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

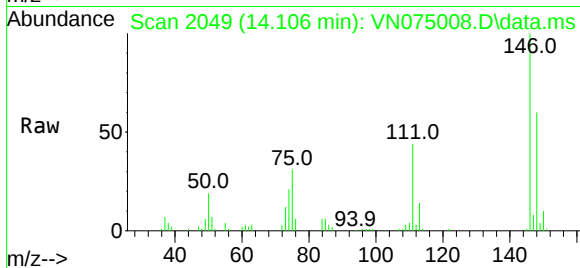
Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :



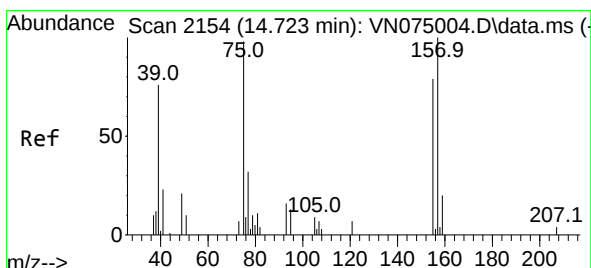
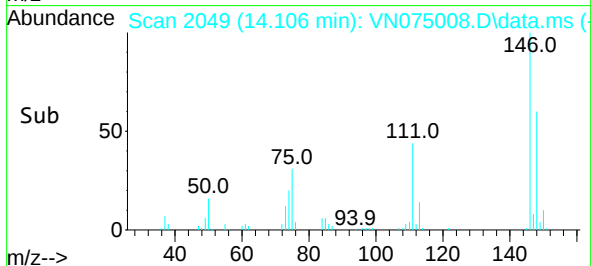
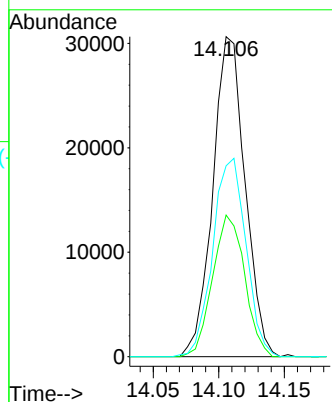
Tgt Ion:146 Resp: 52439

Ion Ratio Lower Upper

146 100

111 44.0 21.4 64.2

148 63.8 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.971 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

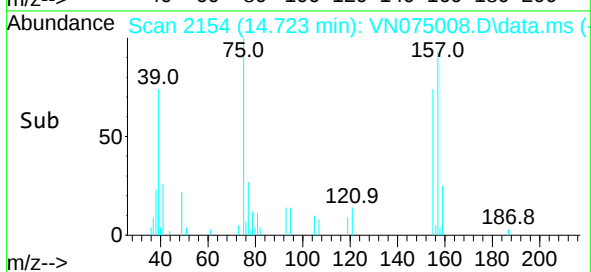
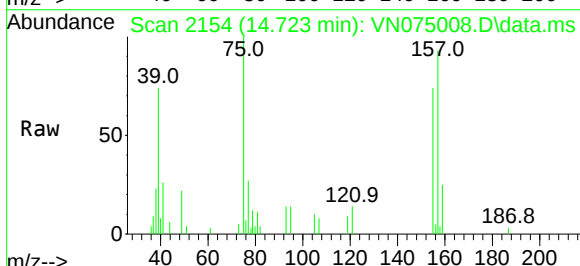
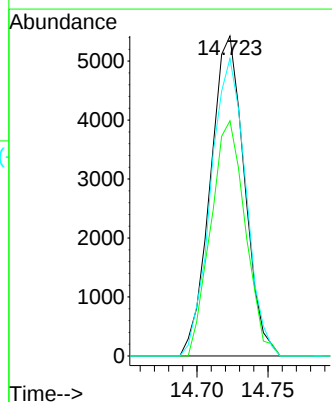
Tgt Ion: 75 Resp: 9072

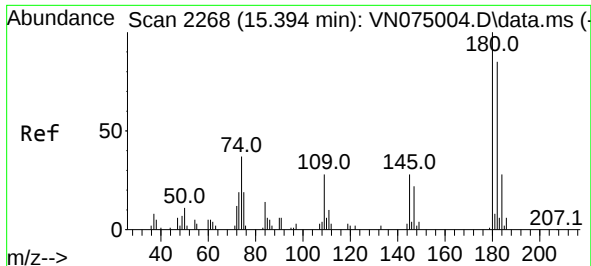
Ion Ratio Lower Upper

75 100

155 74.1 63.8 95.8

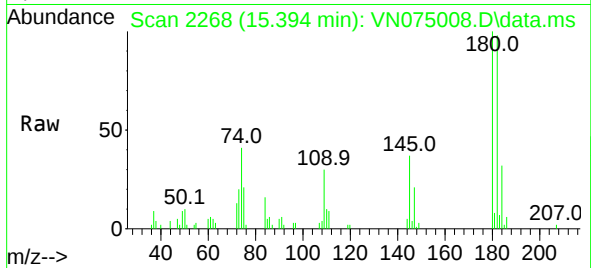
157 95.2 77.9 116.9



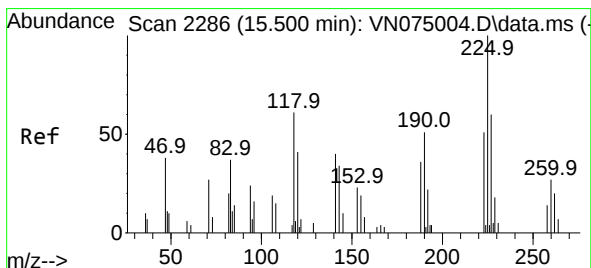
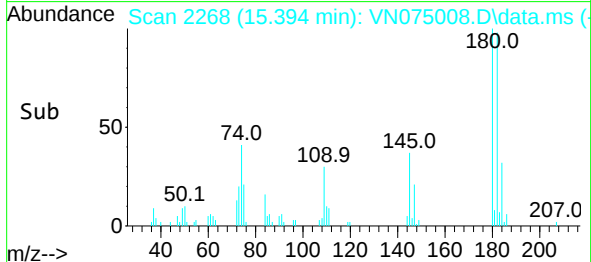
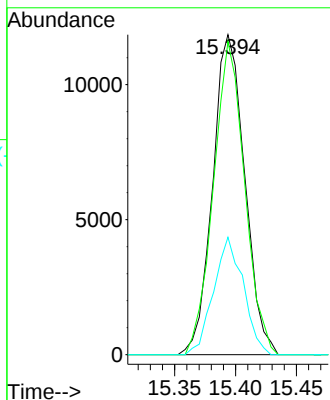


#89
 1,2,4-Trichlorobenzene
 Concen: 17.897 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075008.D
 Acq: 25 Oct 2022 13:46

Instrument :
 MSVOA_N
 ClientSampleId :

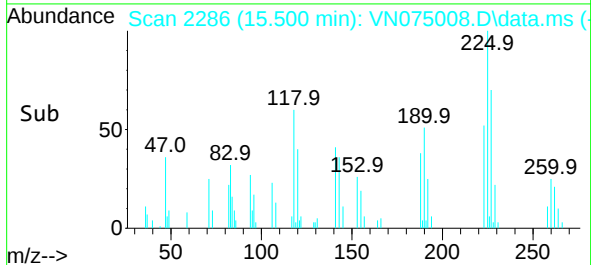
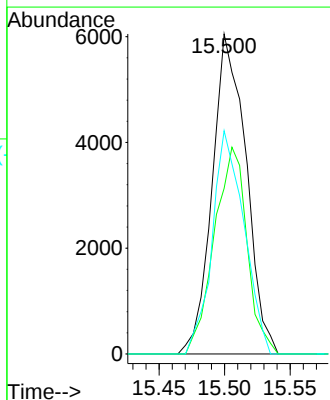
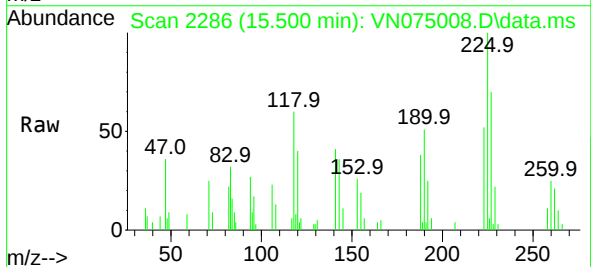


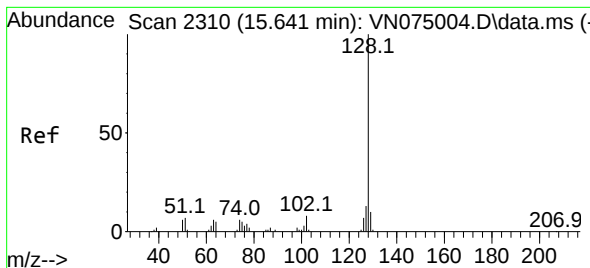
Tgt Ion:180 Resp: 21745
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.7 116.5
 145 34.0 26.6 39.8



#90
 Hexachlorobutadiene
 Concen: 19.383 ug/l
 RT: 15.500 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN075008.D
 Acq: 25 Oct 2022 13:46

Tgt Ion:225 Resp: 10831
 Ion Ratio Lower Upper
 225 100
 223 62.6 0.0 126.8
 227 65.7 0.0 123.0





#91

Naphthalene

Concen: 19.097 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075008.D

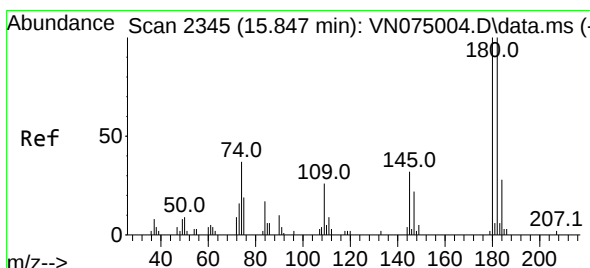
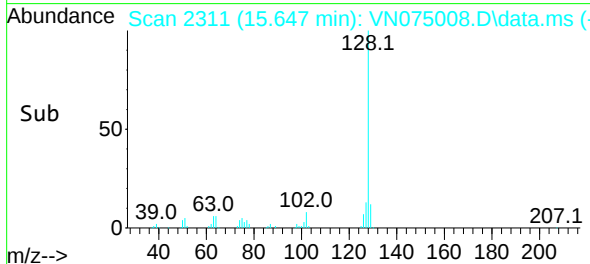
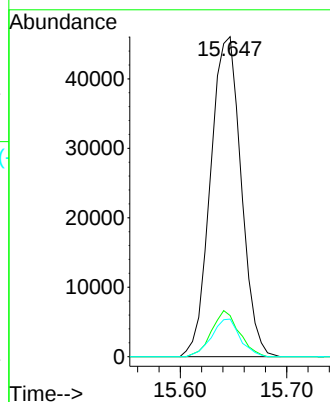
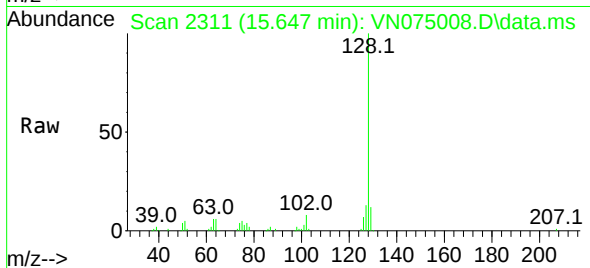
Acq: 25 Oct 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	91959
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.7 16.1
129	10.9	9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 18.001 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.006 min

Lab File: VN075008.D

Acq: 25 Oct 2022 13:46

Tgt Ion:180	Resp:	22140
Ion Ratio	Lower	Upper
180	100	
182	95.1	0.0 190.0
145	36.3	0.0 67.8

