

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102522\
 Data File : VN075004.D
 Acq On : 25 Oct 2022 11:22
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 09:54:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 09:52:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	15650	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	88302	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	82266	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	44694	31.234	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 104.100%		
60) 4-Bromofluorobenzene	12.847	95	45740	28.298	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 94.333%		
63) Toluene-d8	10.571	98	138798	30.166	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 100.567%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	16195	21.257	ug/l	93
3) Chloromethane	2.377	50	23688	23.637	ug/l	91
4) Vinyl Chloride	2.524	62	32491	21.441	ug/l	100
5) Bromomethane	2.954	94	26465	22.090	ug/l	94
6) Chloroethane	3.124	64	25847	22.113	ug/l	96
7) Trichlorofluoromethane	3.512	101	34820	21.421	ug/l	93
8) Diethyl Ether	3.977	74	14116	21.052	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.383	101	12691	13.276	ug/l #	21
10) 1,1-Dichloroethene	4.353	96	17862	19.922	ug/l	99
11) Methyl Iodide	4.600	142	29274	20.928	ug/l	93
12) Methyl Acetate	5.042	43	31393	20.669	ug/l	99
13) Acrolein	4.200	56	20528	110.346	ug/l	96
14) Acrylonitrile	5.730	53	65003	103.588	ug/l	99
15) Acetone	4.453	58	18212	103.474	ug/l	78
16) Carbon Disulfide	4.724	76	40229	20.381	ug/l	100
17) Allyl chloride	5.042	41	25704	21.395	ug/l	84
18) Methylene Chloride	5.295	84	23379	20.813	ug/l	89
19) trans-1,2-Dichloroethene	5.800	96	20079	20.143	ug/l	97
20) Diisopropyl ether	6.683	45	64216	20.594	ug/l #	94
21) 1,1-Dichloroethane	6.589	63	39656	20.476	ug/l	99
22) cis-1,2-Dichloroethene	7.494	96	25805	20.488	ug/l	97
23) tert-Butyl Alcohol	5.530	59	28680	98.731	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	74031	20.188	ug/l	93
25) Chloroform	7.971	83	42781	19.995	ug/l	98
26) Cyclohexane	8.265	56	30991	19.920	ug/l #	89
29) 1,1-Dichloropropene	8.377	75	29972	19.788	ug/l	96
30) 2-Butanone	7.494	43	90189	103.294	ug/l	98
31) 2,2-Dichloropropane	7.500	77	36873	19.930	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	39670	20.223	ug/l	98
33) Carbon Tetrachloride	8.365	117	33711	19.517	ug/l	96
34) Benzene	8.612	78	93167	20.120	ug/l	96
35) Methacrylonitrile	7.783	41	16361	19.550	ug/l	89
36) 1,2-Dichloroethane	8.677	62	34823	20.296	ug/l	98
37) Trichloroethene	9.359	130	22456	19.516	ug/l	98
38) Methylcyclohexane	9.606	83	36558	19.466	ug/l	98
39) 1,2-Dichloropropane	9.624	63	23763	20.385	ug/l	99
40) Dibromomethane	9.718	93	16930	19.143	ug/l	97
41) Bromodichloromethane	9.894	83	33966	19.727	ug/l	91
42) Vinyl Acetate	6.612	43	248901	101.205	ug/l #	93

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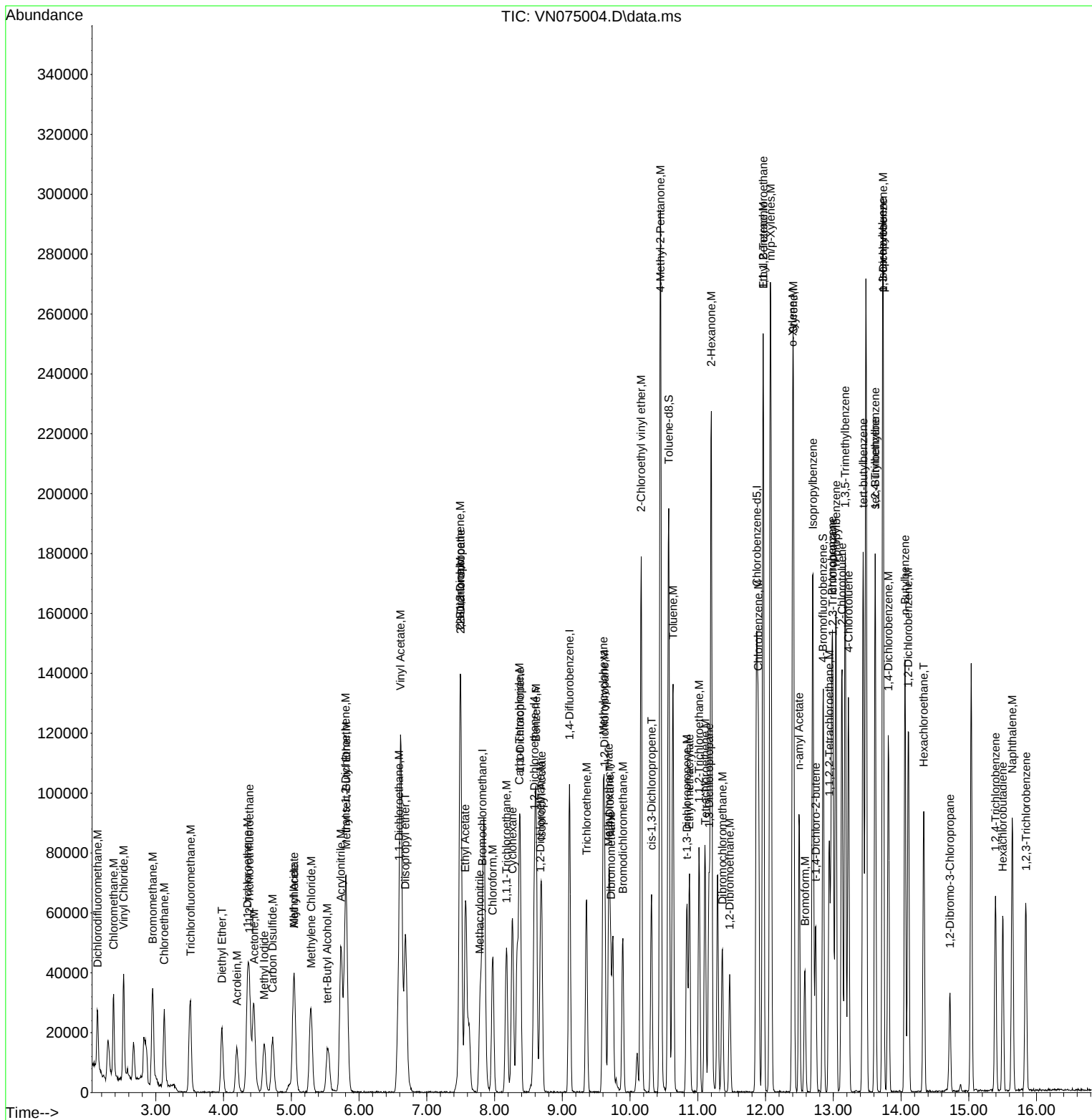
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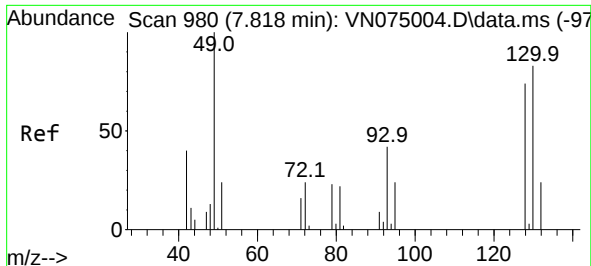
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	34172	19.803	ug/l	100
44) Isopropyl Acetate	8.694	43	55436	20.028	ug/l	96
45) 1,4-Dioxane	9.700	88	13075	383.788	ug/l #	95
46) Methyl methacrylate	9.682	41	26214	21.112	ug/l	91
47) n-amyl Acetate	12.494	43	46281	19.464	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	35272	18.752	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	38615	19.531	ug/l #	88
50) 1,1,2-Trichloroethane	11.018	97	25099	19.372	ug/l	98
51) Ethyl methacrylate	10.877	69	38877	19.258	ug/l	86
52) 1,3-Dichloropropane	11.165	76	43532	20.089	ug/l	100
53) Dibromochloromethane	11.365	129	25717	18.351	ug/l	98
54) 1,2-Dibromoethane	11.471	107	25875	19.303	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	80378	97.457	ug/l	99
56) Bromoform	12.582	173	17615	17.121	ug/l #	95
58) 4-Methyl-2-Pentanone	10.447	43	184214	103.814	ug/l	93
59) 2-Hexanone	11.200	43	143222	105.215	ug/l	96
61) Tetrachloroethene	11.112	164	18253	19.951	ug/l #	84
62) Toluene	10.635	91	106006	19.902	ug/l	97
64) Chlorobenzene	11.894	112	63725	19.307	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	25420	20.160	ug/l	98
66) Ethyl Benzene	11.965	91	118697	19.774	ug/l	94
67) m/p-Xylenes	12.076	106	93602	38.880	ug/l	95
68) o-Xylene	12.400	106	47370	19.575	ug/l	95
69) Styrene	12.412	104	74448	18.812	ug/l	97
70) Isopropylbenzene	12.700	105	121380	19.251	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	41710	20.308	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	52916	30.789	ug/l	48
73) Bromobenzene	12.982	156	26513	18.892	ug/l	92
74) n-propylbenzene	13.041	91	134388	19.033	ug/l	99
75) 2-Chlorotoluene	13.129	91	83223	19.484	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	102270	19.134	ug/l	96
77) t-1,4-Dichloro-2-butene	12.741	75	12317	18.933	ug/l	90
78) 4-Chlorotoluene	13.223	91	77625	18.308	ug/l	98
79) tert-butylbenzene	13.441	119	90967	19.075	ug/l	98
80) 1,2,4-Trimethylbenzene	13.618	105	125729	23.172	ug/l	100
81) sec-Butylbenzene	13.618	105	125729	22.198	ug/l	99
82) p-Isopropyltoluene	13.729	119	104255	18.433	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	50033	18.028	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	47013	17.558	ug/l	97
85) n-Butylbenzene	14.059	91	80829	17.818	ug/l	97
86) Hexachloroethane	14.335	117	20151	19.226	ug/l	89
87) 1,2-Dichlorobenzene	14.106	146	50724	18.477	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	8998	20.843	ug/l	98
89) 1,2,4-Trichlorobenzene	15.394	180	20685	17.060	ug/l	95
90) Hexachlorobutadiene	15.500	225	10135	18.175	ug/l	97
91) Naphthalene	15.641	128	83902	17.459	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	21416	17.448	ug/l	99

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

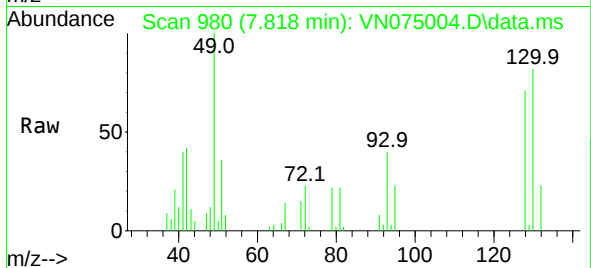
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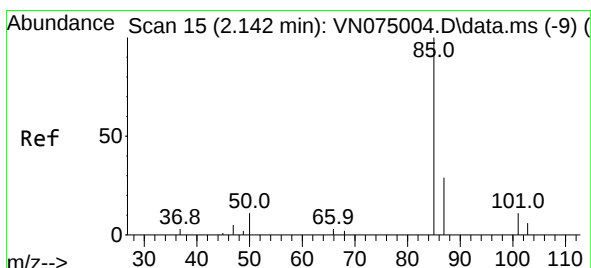
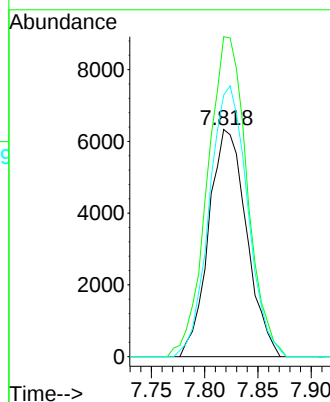
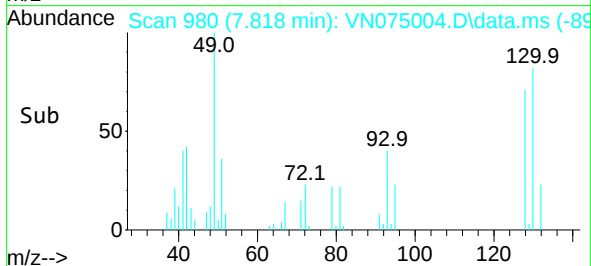


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

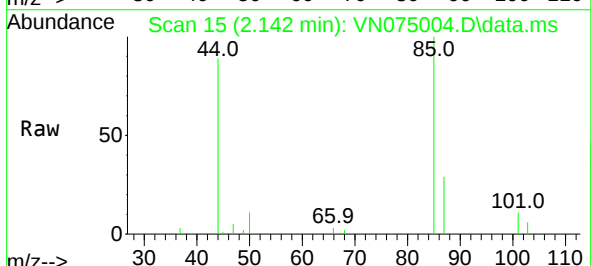
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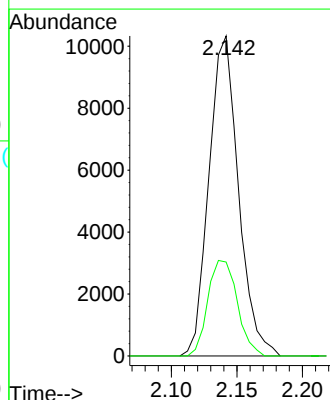
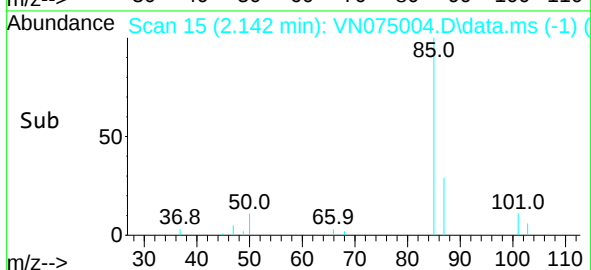
Tgt Ion:128 Resp: 15650
Ion Ratio Lower Upper
128 100
49 147.2 0.0 392.3
130 120.8 0.0 320.2

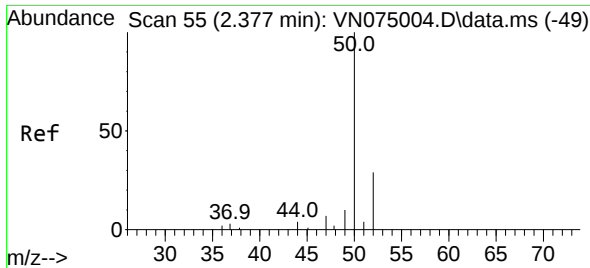


#2
Dichlorodifluoromethane
Concen: 21.257 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22



Tgt Ion: 85 Resp: 16195
Ion Ratio Lower Upper
85 100
87 29.4 16.6 49.7

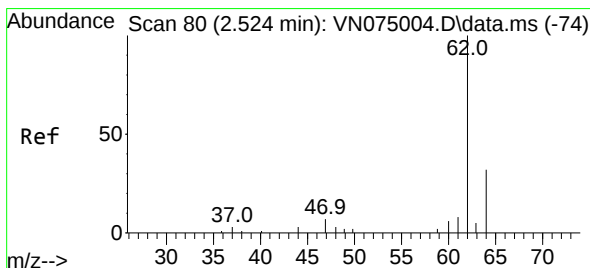
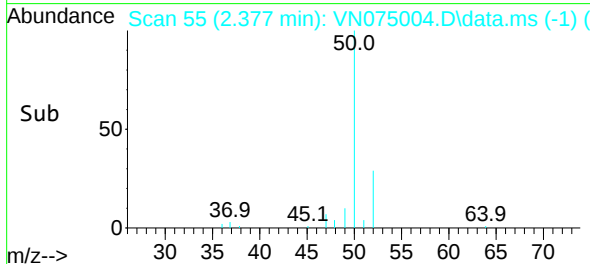
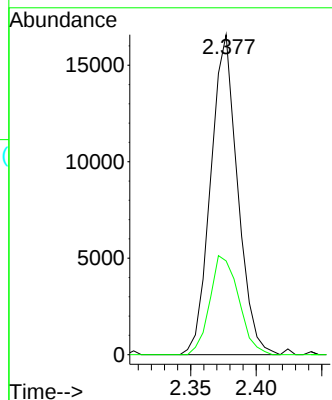
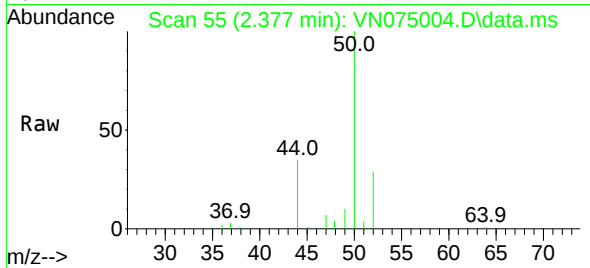




#3
Chloromethane
Concen: 23.637 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

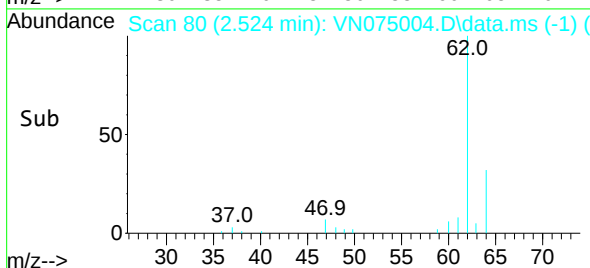
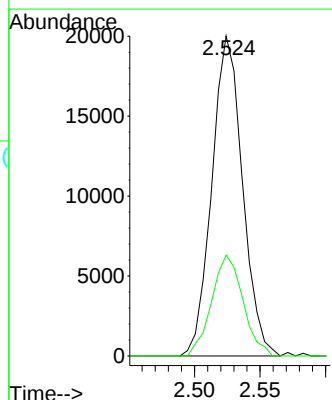
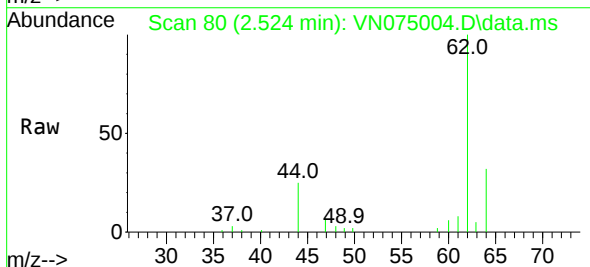
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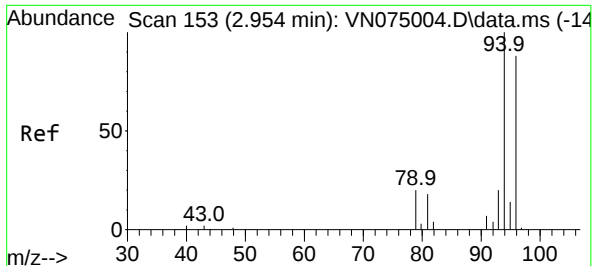
Tgt Ion: 50 Resp: 23688
Ion Ratio Lower Upper
50 100
52 29.3 27.8 41.6



#4
Vinyl Chloride
Concen: 21.441 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 62 Resp: 32491
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7

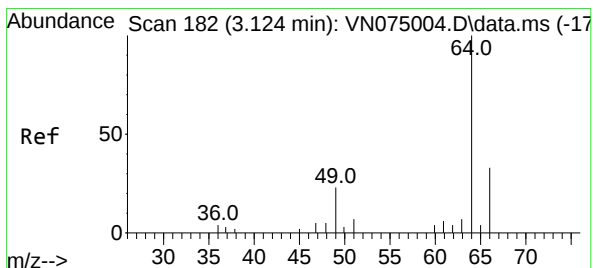
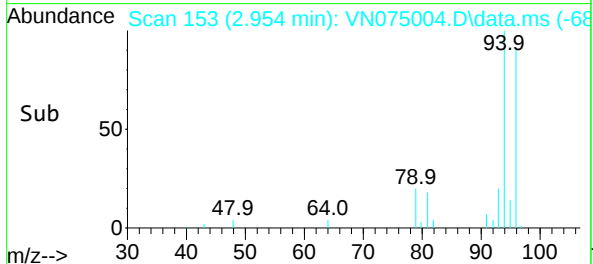
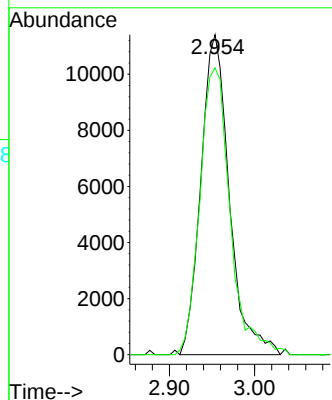
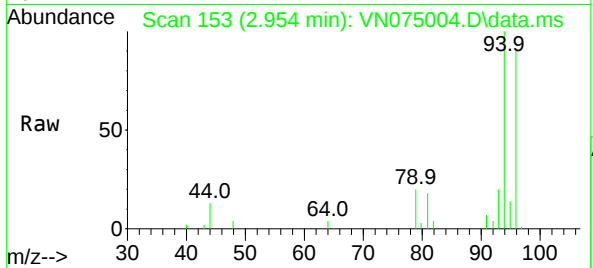




#5
Bromomethane
Concen: 22.090 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

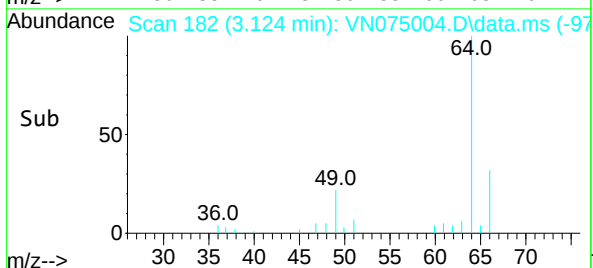
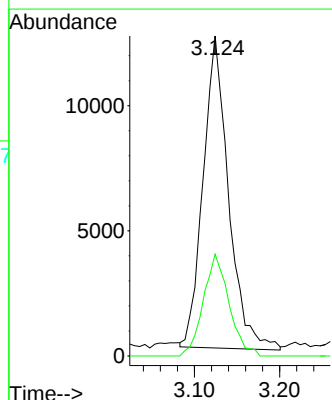
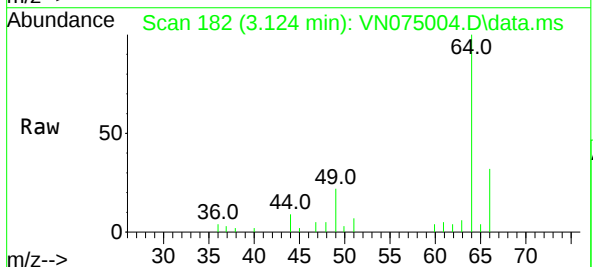
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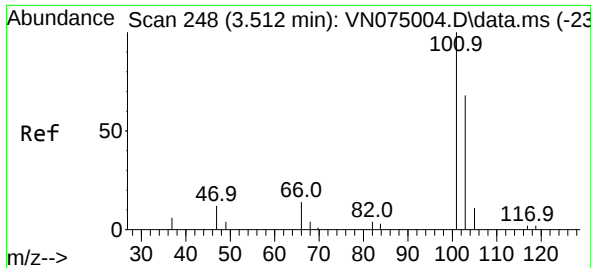
Tgt Ion: 94 Resp: 26465
Ion Ratio Lower Upper
94 100
96 88.1 75.2 112.8



#6
Chloroethane
Concen: 22.113 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 64 Resp: 25847
Ion Ratio Lower Upper
64 100
66 32.8 24.6 36.8

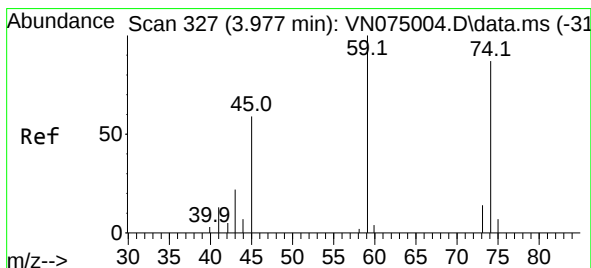
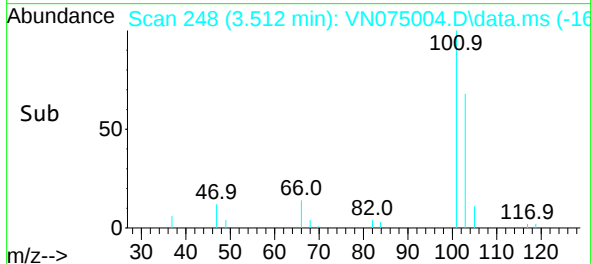
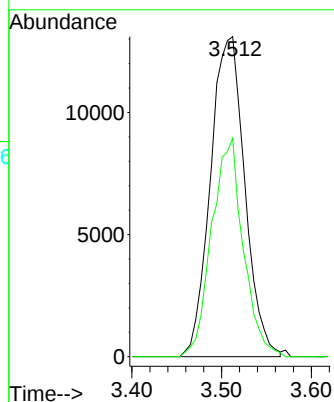
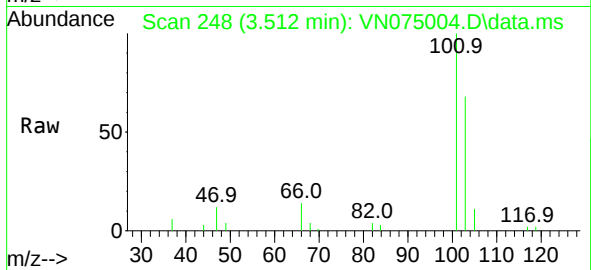




#7
Trichlorofluoromethane
Concen: 21.421 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

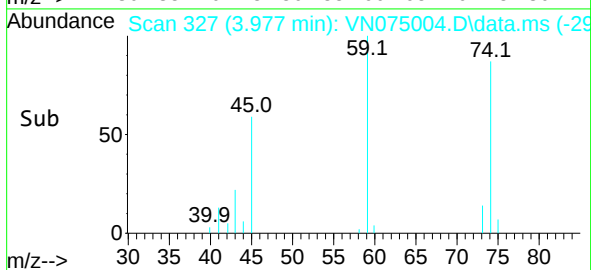
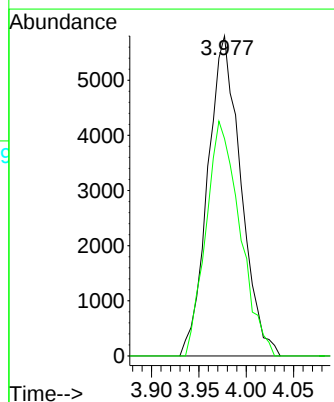
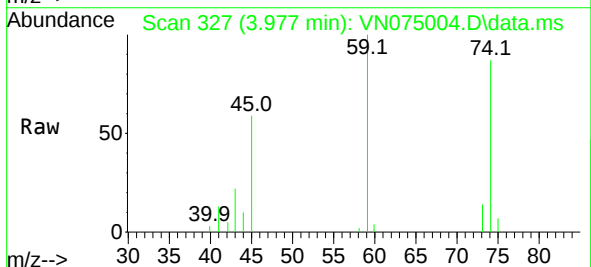
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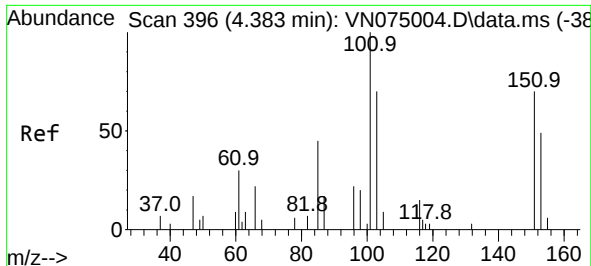
Tgt Ion:101 Resp: 34820
Ion Ratio Lower Upper
101 100
103 68.3 50.1 75.1



#8
Diethyl Ether
Concen: 21.052 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 74 Resp: 14116
Ion Ratio Lower Upper
74 100
45 75.1 17.6 158.8

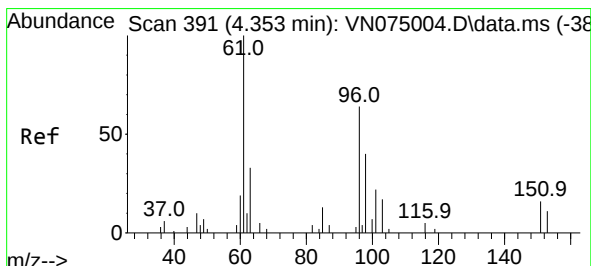
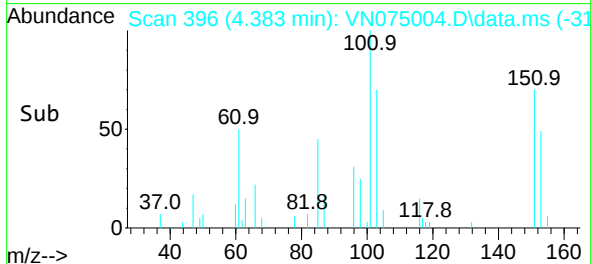
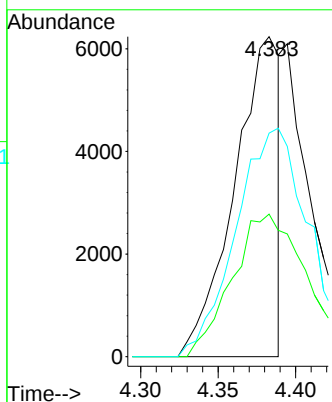
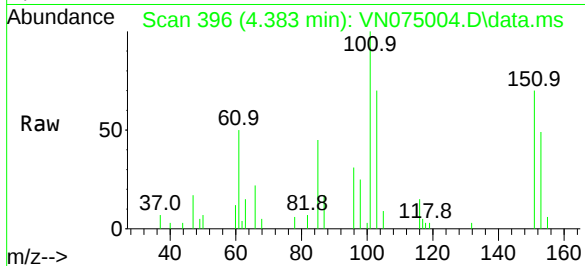




#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.276 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075004.D
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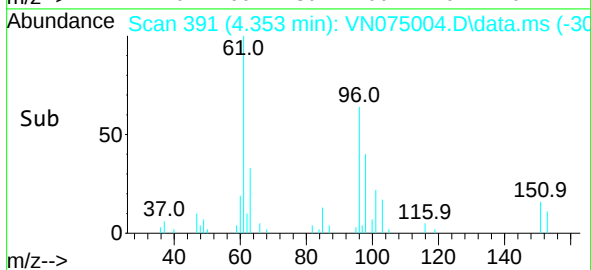
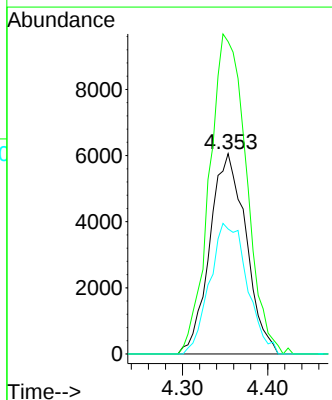
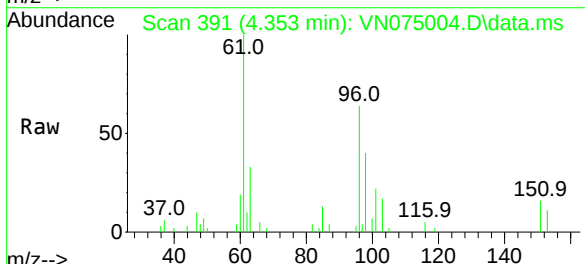
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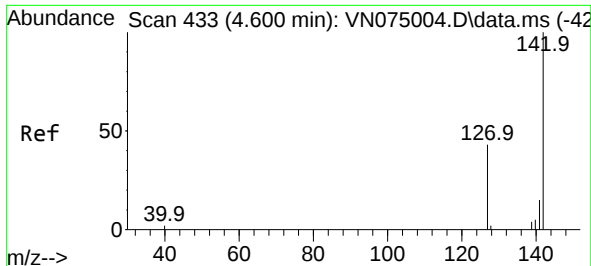
Tgt Ion:101 Resp: 12691
Ion Ratio Lower Upper
101 100
85 72.9 0.0 94.0
151 115.3 0.0 74.6#



#10
1,1-Dichloroethene
Concen: 19.922 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

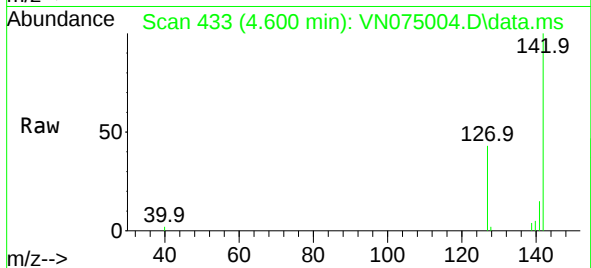
Tgt Ion: 96 Resp: 17862
Ion Ratio Lower Upper
96 100
61 156.0 126.2 189.4
98 62.4 50.9 76.3



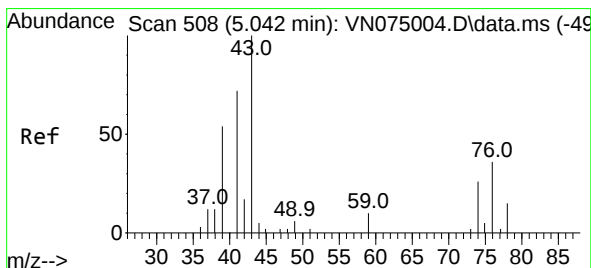
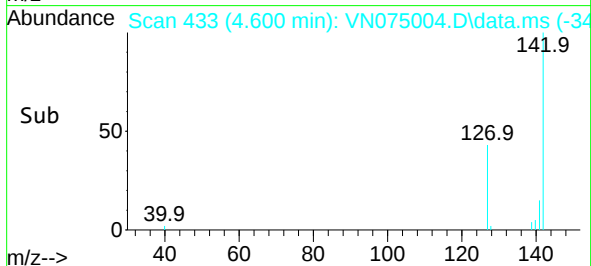
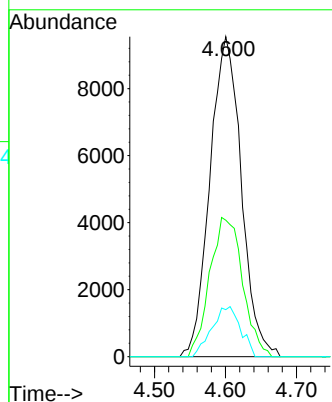


#11
Methyl Iodide
Concen: 20.928 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Instrument :
MSVOA_N
ClientSampleId :

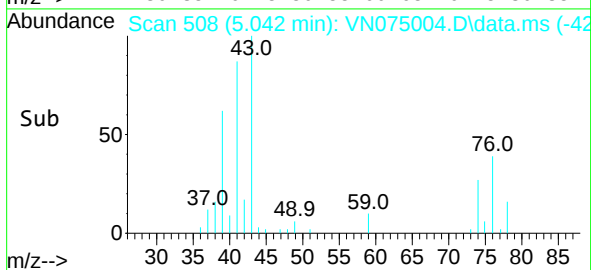
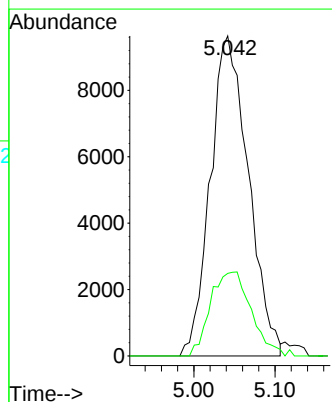
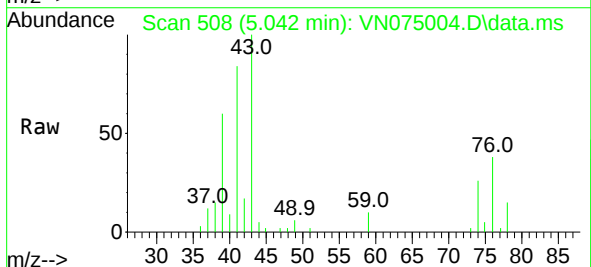


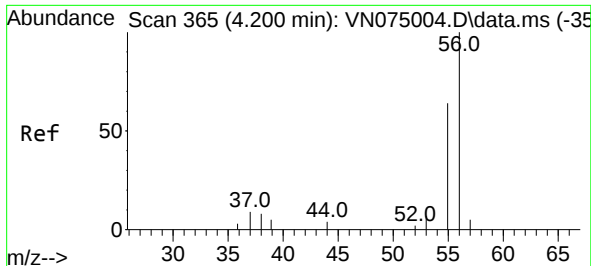
Tgt Ion:142 Resp: 29274
Ion Ratio Lower Upper
142 100
127 42.6 24.0 72.0
141 14.7 8.4 25.2



#12
Methyl Acetate
Concen: 20.669 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

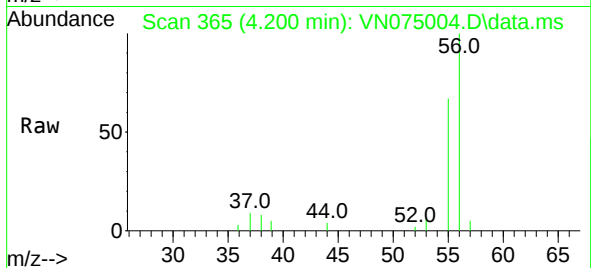
Tgt Ion: 43 Resp: 31393
Ion Ratio Lower Upper
43 100
74 25.2 20.8 31.2



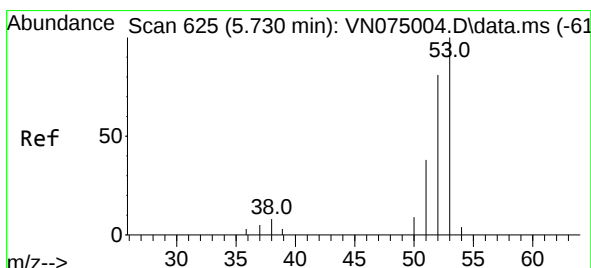
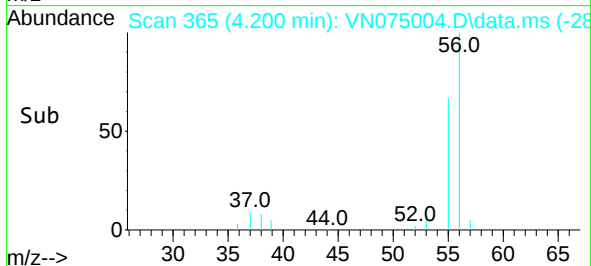
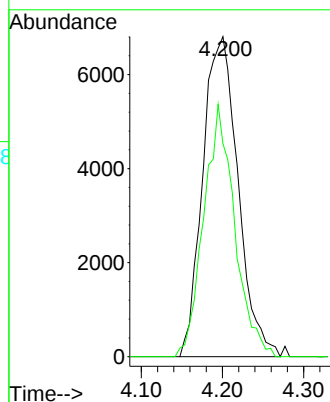


#13
Acrolein
Concen: 110.346 ug/l
RT: 4.200 min Scan# 365
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Instrument :
MSVOA_N
ClientSampleId :

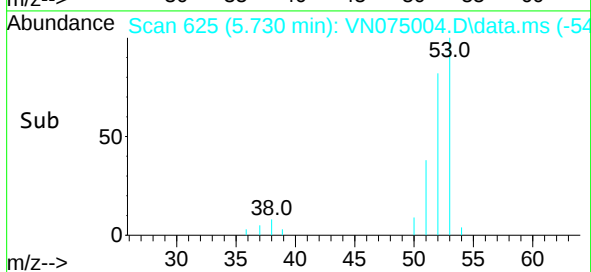
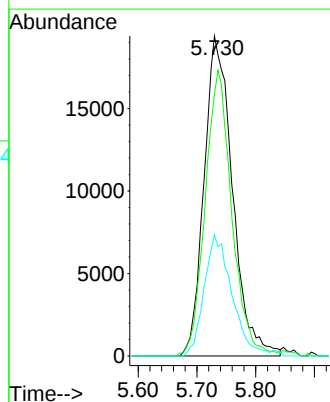
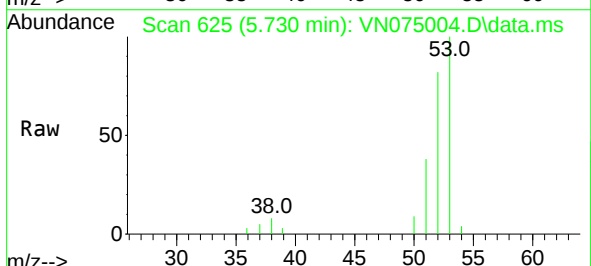


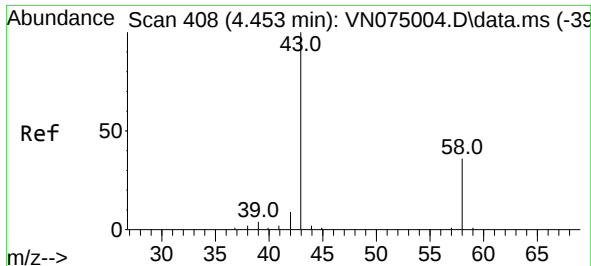
Tgt Ion: 56 Resp: 20528
Ion Ratio Lower Upper
56 100
55 69.0 57.6 86.4



#14
Acrylonitrile
Concen: 103.588 ug/l
RT: 5.730 min Scan# 625
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 53 Resp: 65003
Ion Ratio Lower Upper
53 100
52 83.6 41.8 125.4
51 36.8 19.0 57.0





#15

Acetone

Concen: 103.474 ug/l

RT: 4.453 min Scan# 408

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

Instrument :

MSVOA_N

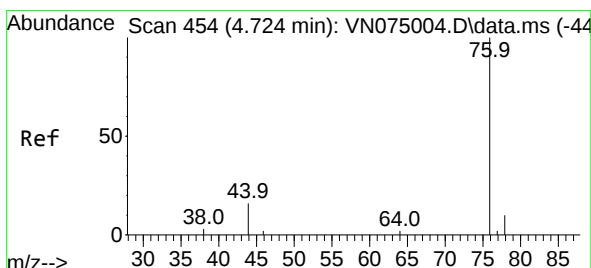
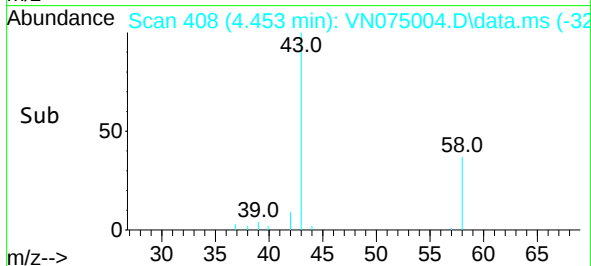
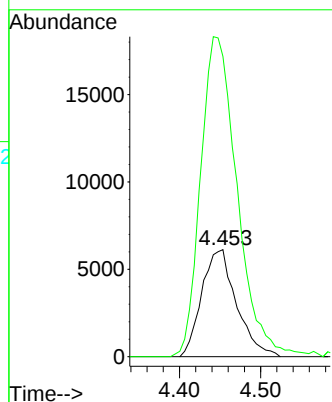
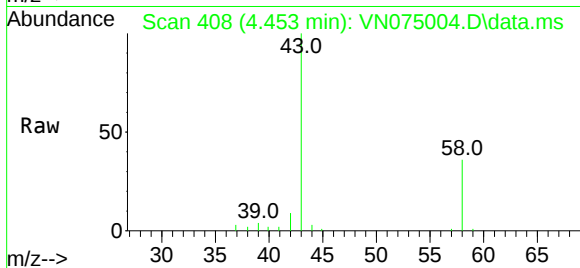
ClientSampleId :

Tgt Ion: 58 Resp: 18212

Ion Ratio Lower Upper

58 100

43 275.2 256.6 384.8



#16

Carbon Disulfide

Concen: 20.381 ug/l

RT: 4.724 min Scan# 454

Delta R.T. 0.000 min

Lab File: VN075004.D

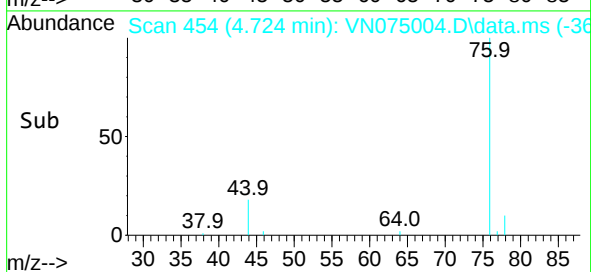
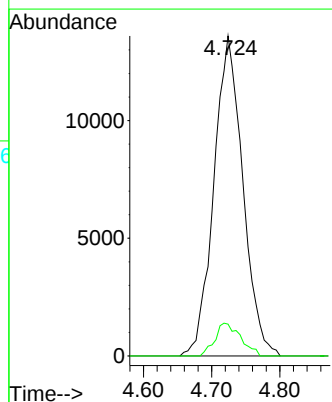
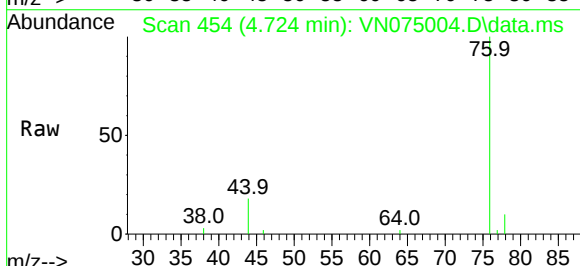
Acq: 25 Oct 2022 11:22

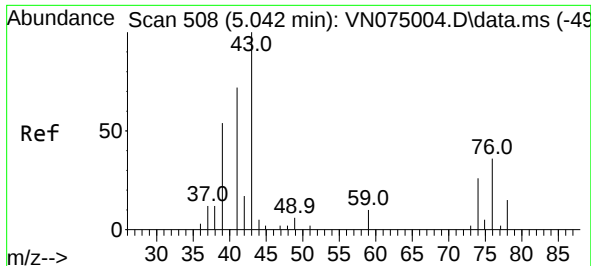
Tgt Ion: 76 Resp: 40229

Ion Ratio Lower Upper

76 100

78 10.0 7.8 11.8

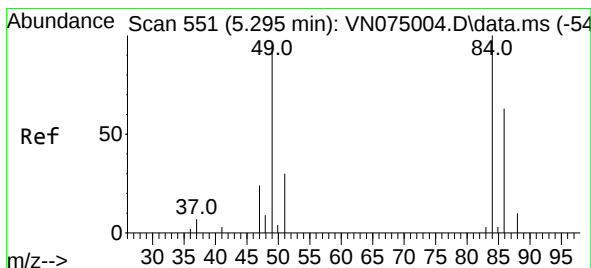
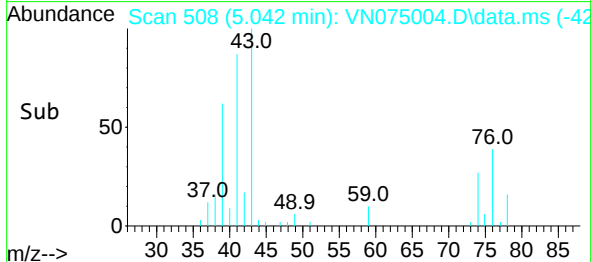
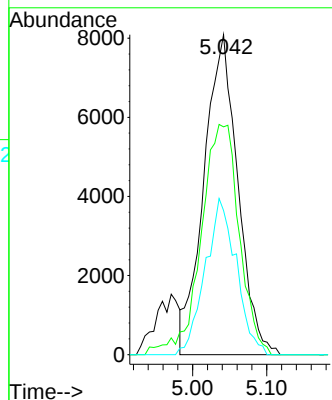
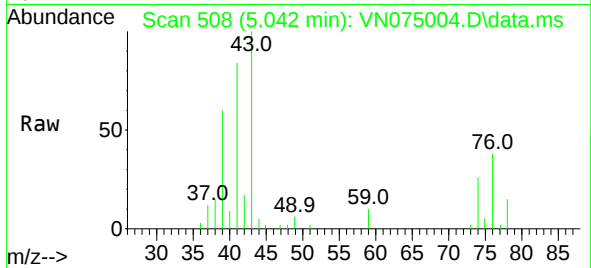




#17
 Allyl chloride
 Concen: 21.395 ug/l
 RT: 5.042 min Scan# 508
 Delta R.T. 0.000 min
 Lab File: VN075004.D
 Acq: 25 Oct 2022 11:22

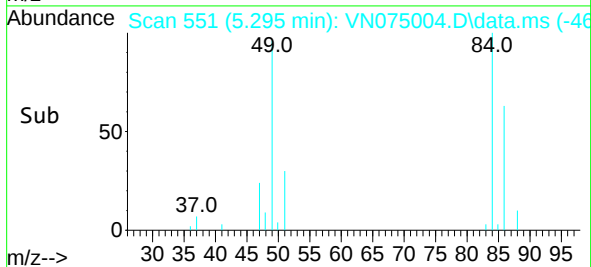
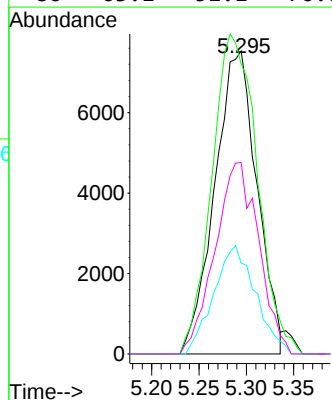
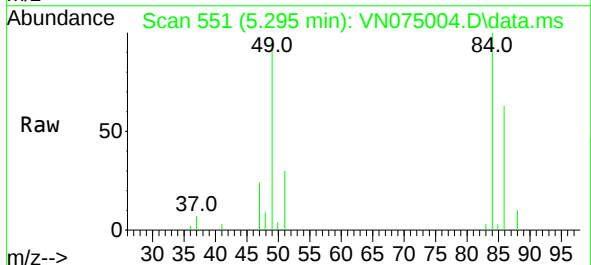
Instrument :
 MSVOA_N
 ClientSampleId :

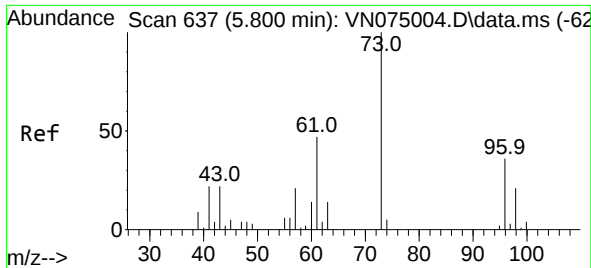
Tgt Ion: 41 Resp: 25704
 Ion Ratio Lower Upper
 41 100
 39 71.2 44.6 134.0
 76 45.1 19.6 58.7



#18
 Methylene Chloride
 Concen: 20.813 ug/l
 RT: 5.295 min Scan# 551
 Delta R.T. 0.000 min
 Lab File: VN075004.D
 Acq: 25 Oct 2022 11:22

Tgt Ion: 84 Resp: 23379
 Ion Ratio Lower Upper
 84 100
 49 95.7 91.4 137.0
 51 30.0 29.4 44.0
 86 63.1 51.1 76.7

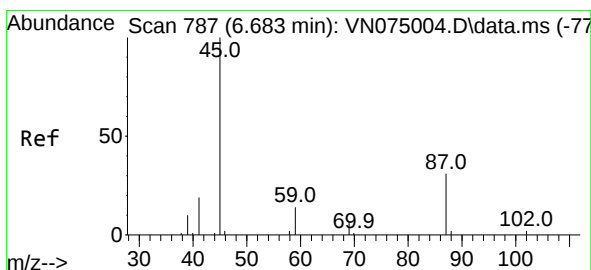
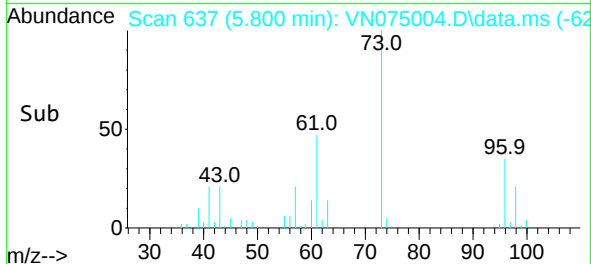
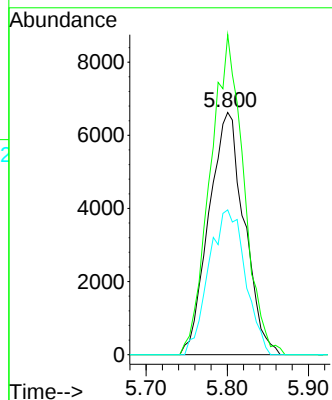
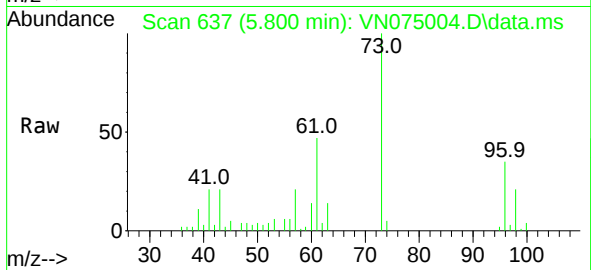




#19
trans-1,2-Dichloroethene
Concen: 20.143 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

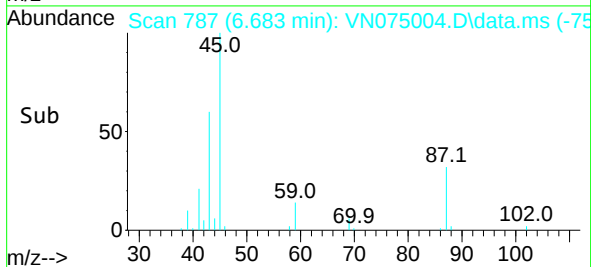
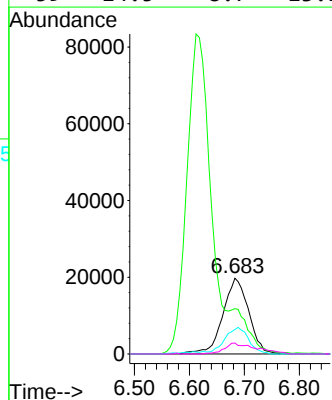
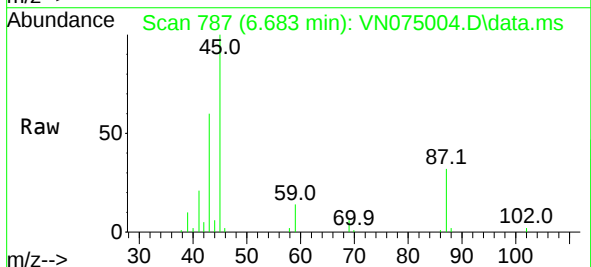
Instrument :
MSVOA_N
ClientSampleId :

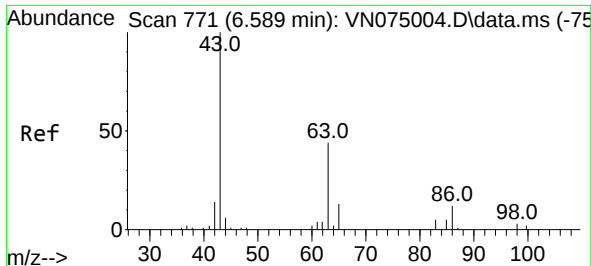
Tgt Ion: 96 Resp: 20079
Ion Ratio Lower Upper
96 100
61 132.1 102.8 154.2
98 59.7 49.3 73.9



#20
Diisopropyl ether
Concen: 20.594 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 45 Resp: 64216
Ion Ratio Lower Upper
45 100
43 58.3 51.0 76.4
87 32.3 25.0 37.4
59 14.5 8.7 13.1#





#21

1,1-Dichloroethane

Concen: 20.476 ug/l

RT: 6.589 min Scan# 771

Delta R.T. 0.000 min

Lab File: VN075004.D

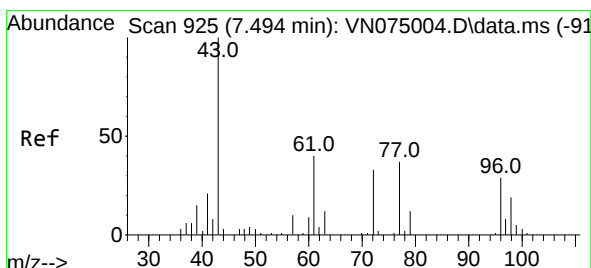
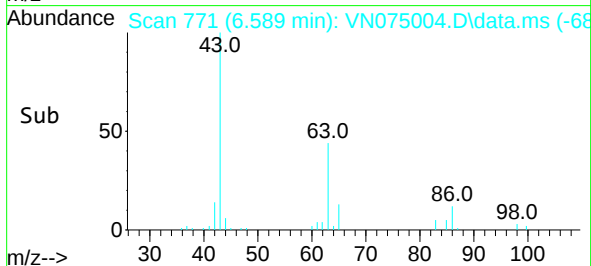
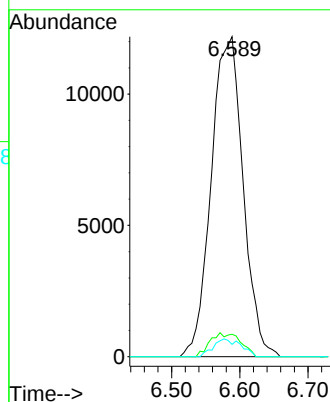
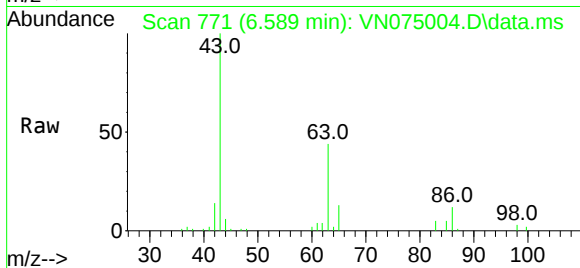
Acq: 25 Oct 2022 11:22

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	63	Resp:	39656
Ion Ratio	Lower	Upper	
63	100		
98	7.0	3.2	9.6
100	3.9	2.1	6.2



#22

cis-1,2-Dichloroethene

Concen: 20.488 ug/l

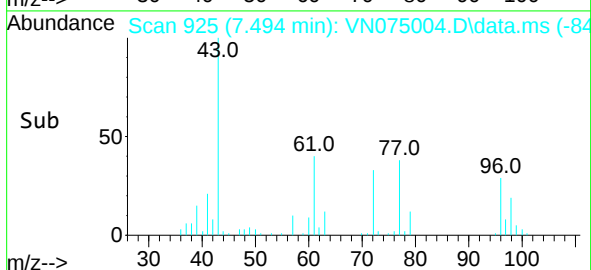
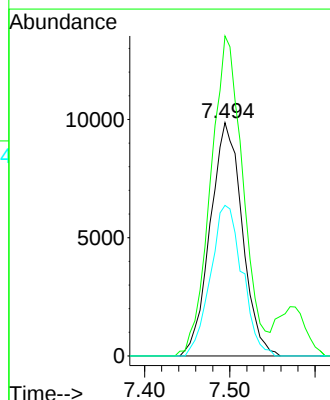
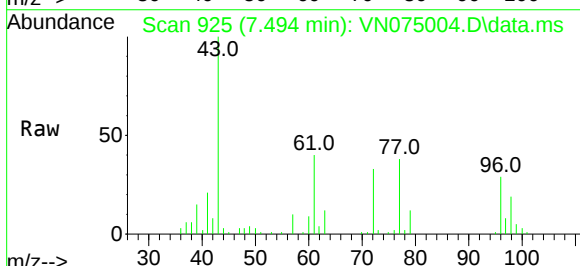
RT: 7.494 min Scan# 925

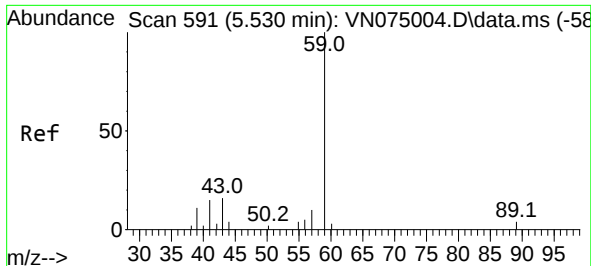
Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

Tgt Ion:	96	Resp:	25805
Ion Ratio	Lower	Upper	
96	100		
61	138.7	115.7	173.5
98	64.1	51.6	77.4

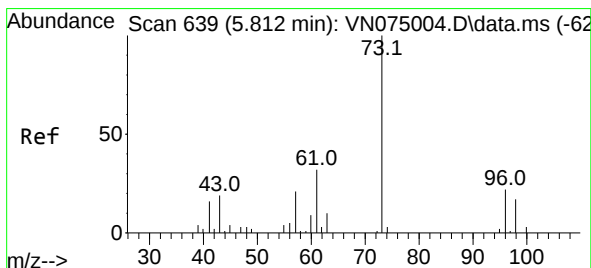
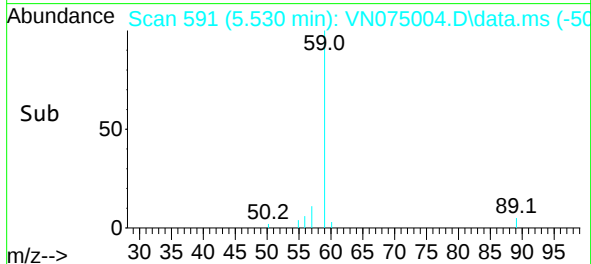
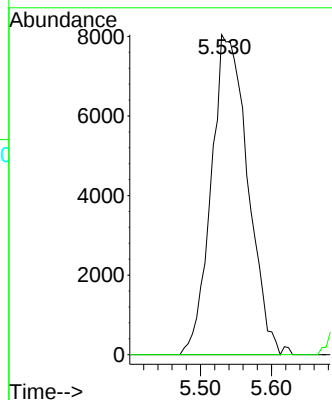
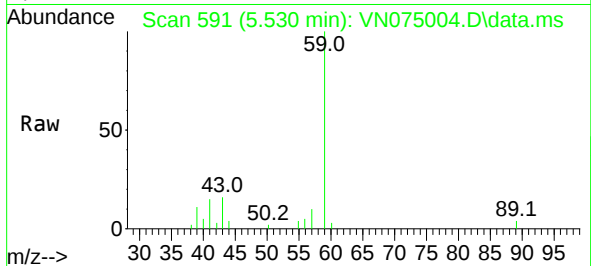




#23
tert-Butyl Alcohol
Concen: 98.731 ug/l
RT: 5.530 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

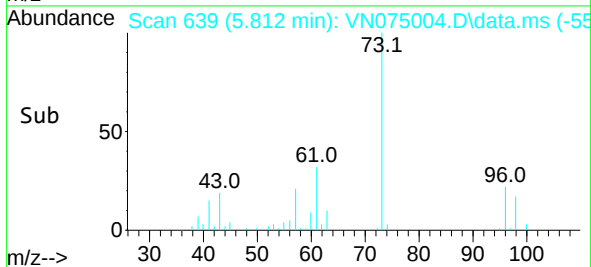
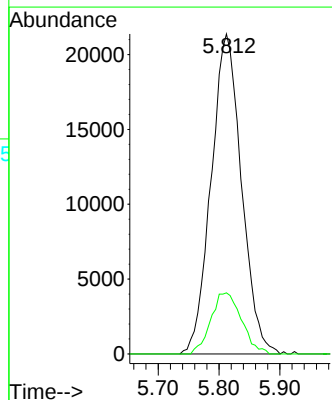
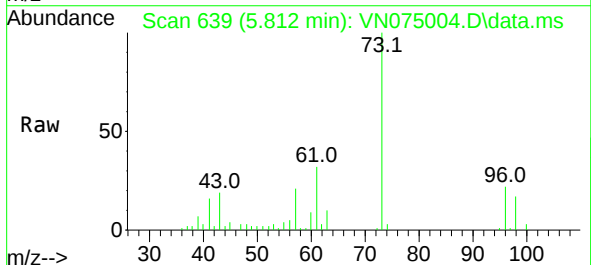
Instrument :
MSVOA_N
ClientSampleId :

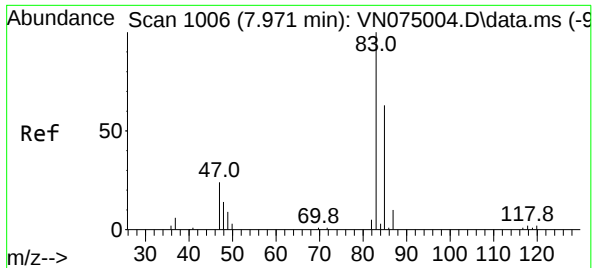
Tgt Ion: 59 Resp: 28680
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.188 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 73 Resp: 74031
Ion Ratio Lower Upper
73 100
43 19.3 18.1 27.1

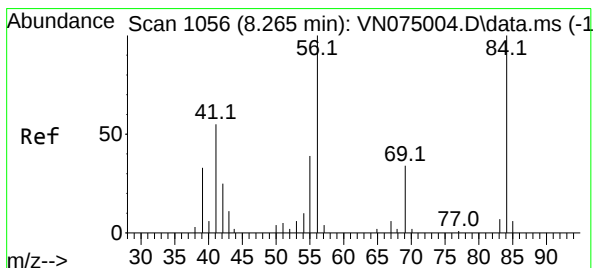
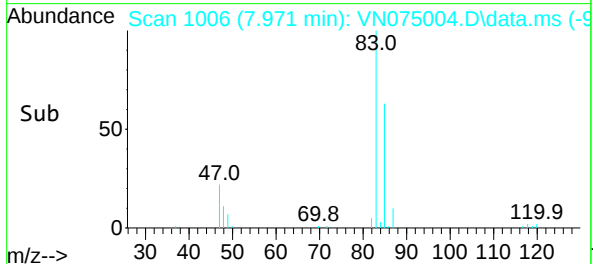
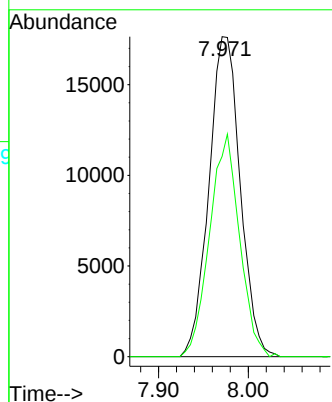
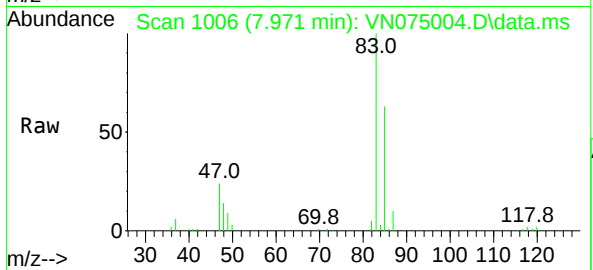




#25
Chloroform
Concen: 19.995 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

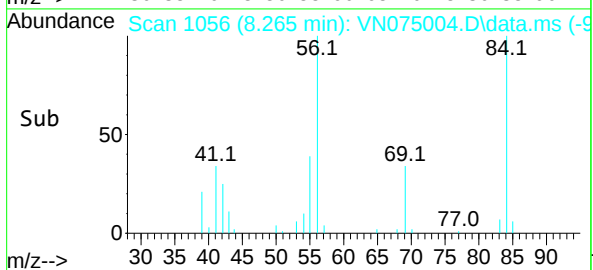
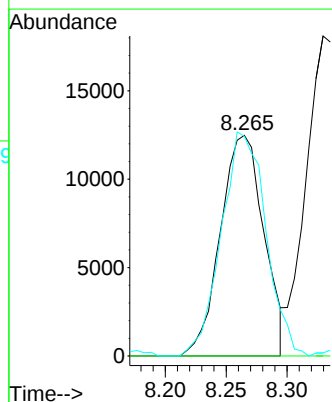
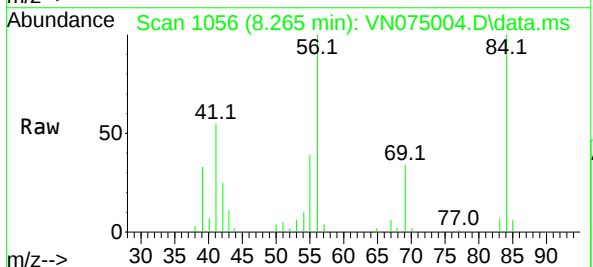
Instrument :
MSVOA_N
ClientSampleId :

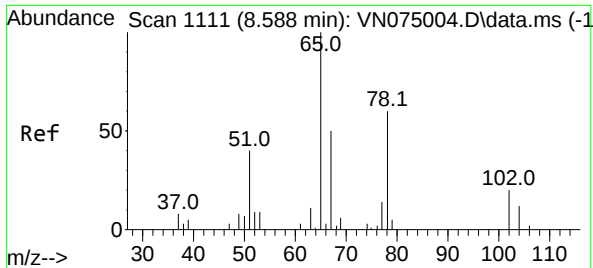
Tgt Ion: 83 Resp: 42781
Ion Ratio Lower Upper
83 100
85 62.6 51.3 76.9



#26
Cyclohexane
Concen: 19.920 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 56 Resp: 30991
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 104.2 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 31.234 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

Instrument :

MSVOA_N

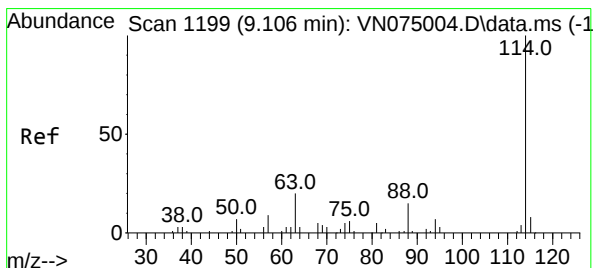
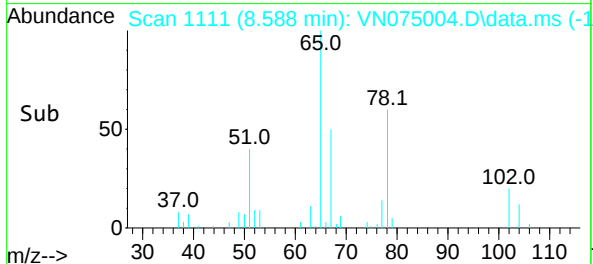
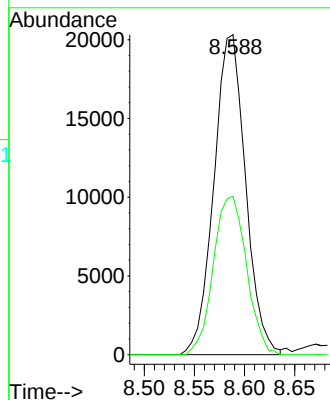
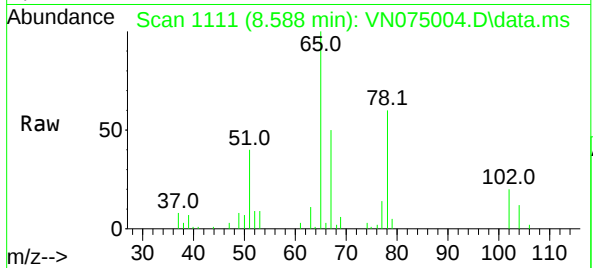
ClientSampleId :

Tgt Ion: 65 Resp: 44694

Ion Ratio Lower Upper

65 100

67 51.7 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: VN075004.D

Acq: 25 Oct 2022 11:22

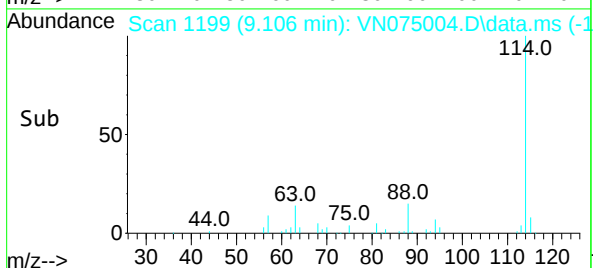
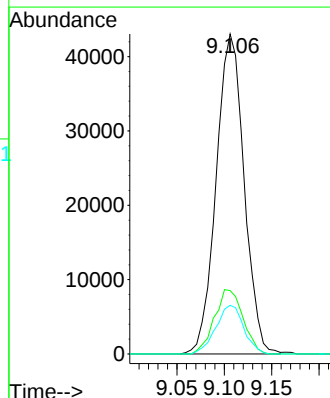
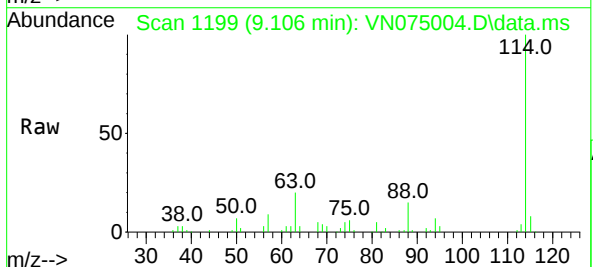
Tgt Ion: 114 Resp: 88302

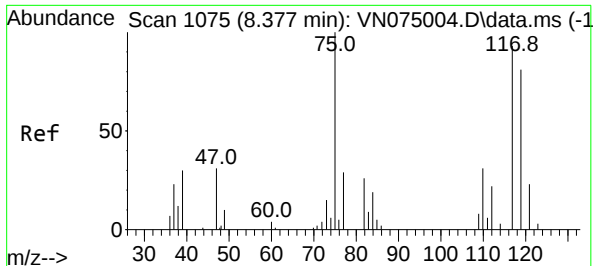
Ion Ratio Lower Upper

114 100

63 20.6 15.8 23.6

88 15.1 11.6 17.4





#29

1,1-Dichloropropene

Concen: 19.788 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

Instrument :

MSVOA_N

ClientSampleId :

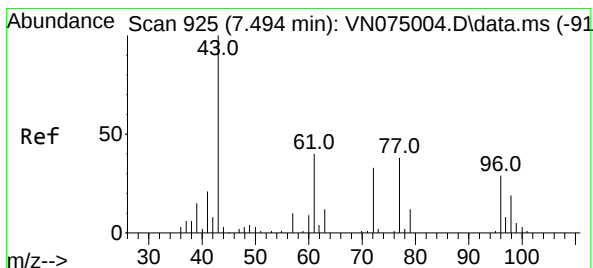
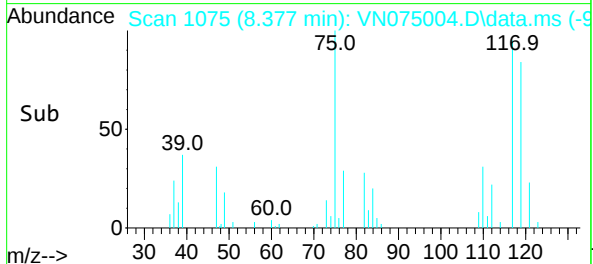
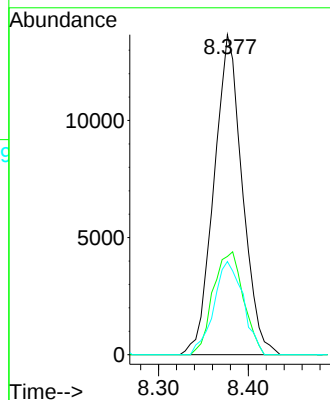
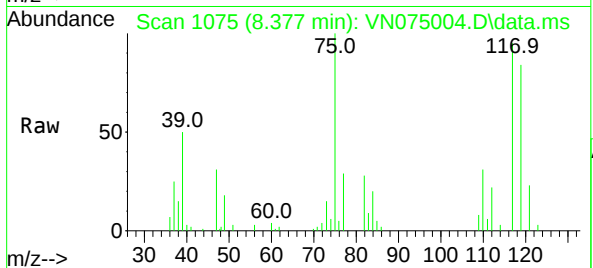
Tgt Ion: 75 Resp: 29972

Ion Ratio Lower Upper

75 100

110 34.4 0.0 74.2

77 30.1 0.0 63.2



#30

2-Butanone

Concen: 103.294 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

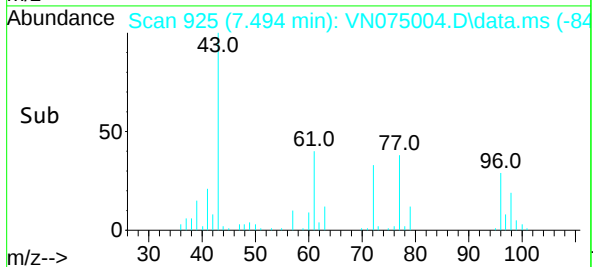
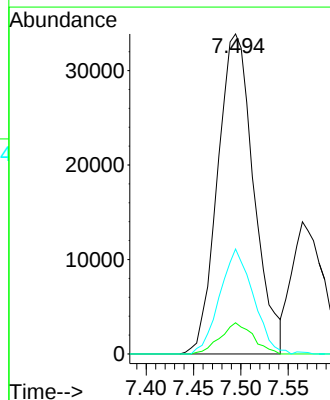
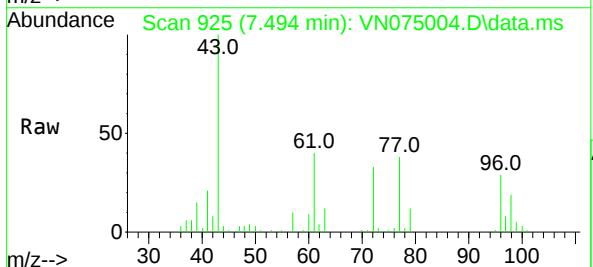
Tgt Ion: 43 Resp: 90189

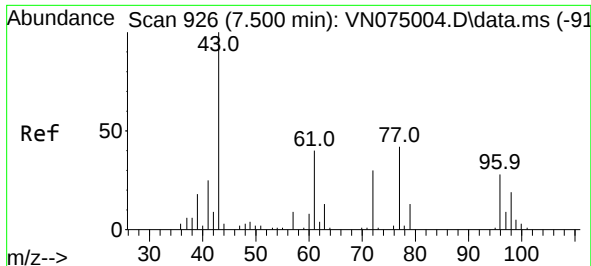
Ion Ratio Lower Upper

43 100

57 8.8 6.7 10.1

72 30.4 23.2 34.8





#31

2,2-Dichloropropane

Concen: 19.930 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

Instrument :

MSVOA_N

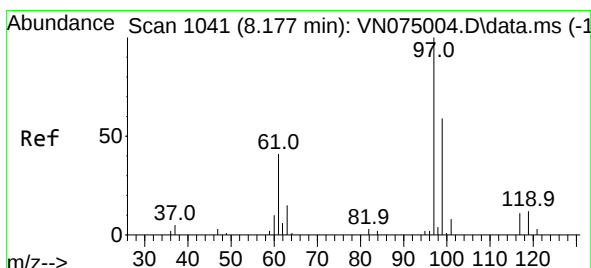
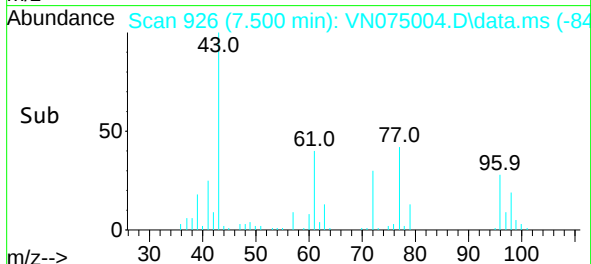
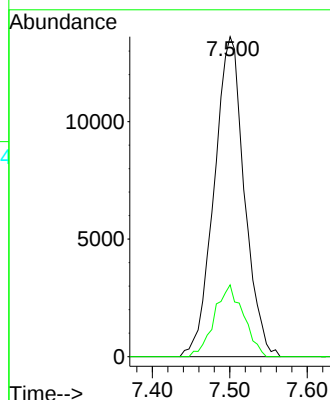
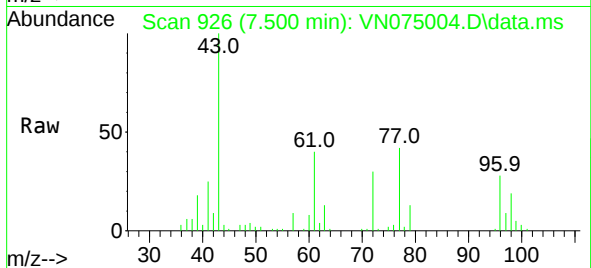
ClientSampleId :

Tgt Ion: 77 Resp: 36873

Ion Ratio Lower Upper

77 100

97 21.6 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 20.223 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

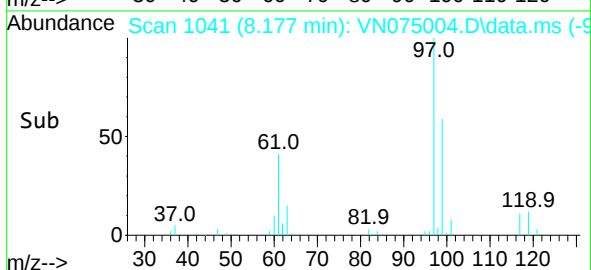
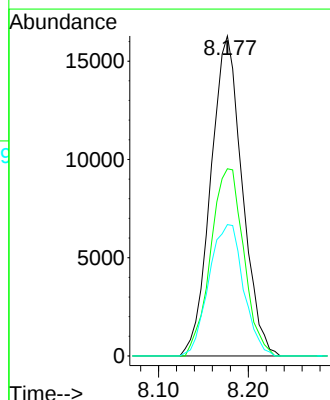
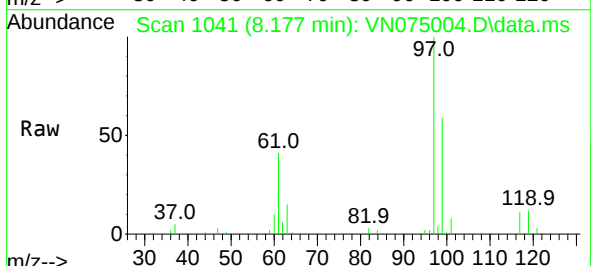
Tgt Ion: 97 Resp: 39670

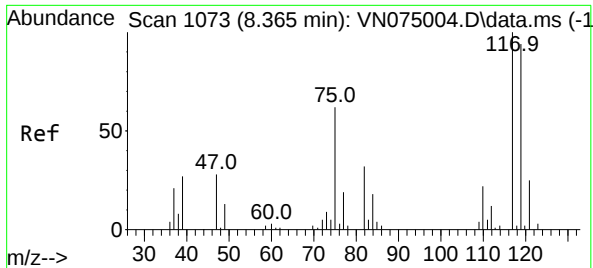
Ion Ratio Lower Upper

97 100

99 61.4 50.4 75.6

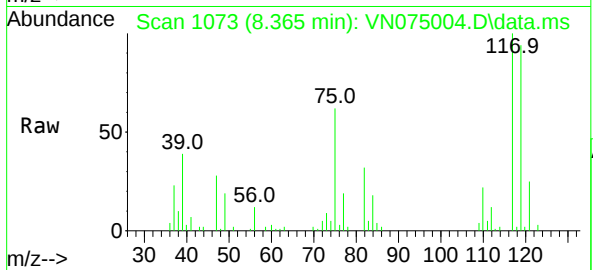
61 44.9 34.6 51.8



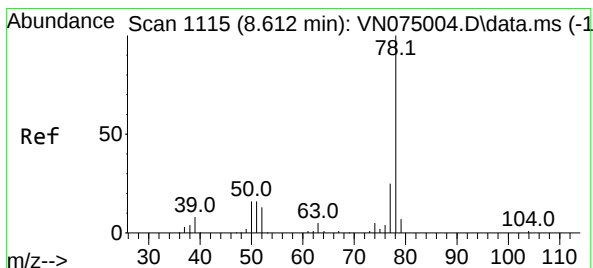
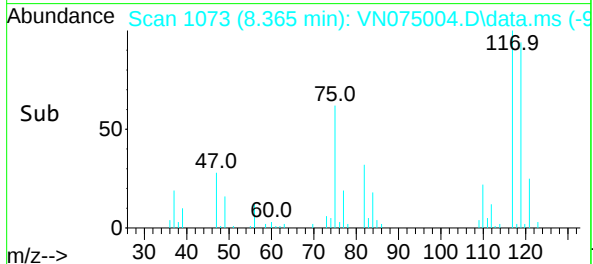
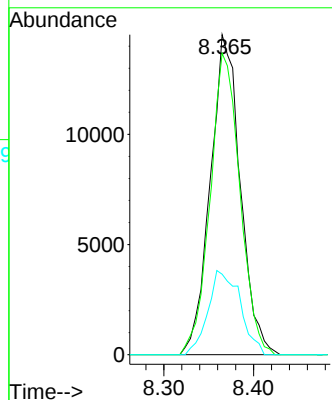


#33
Carbon Tetrachloride
Concen: 19.517 ug/l
RT: 8.365 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Instrument :
MSVOA_N
ClientSampleId :

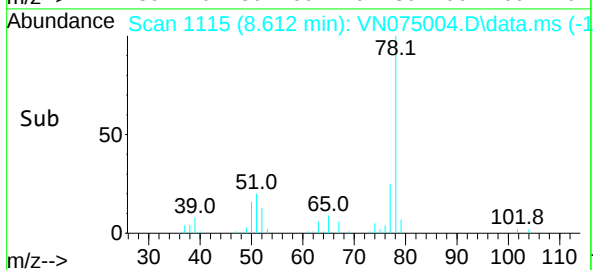
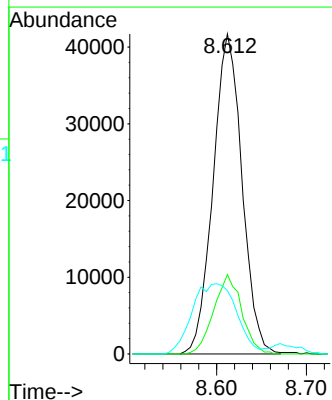
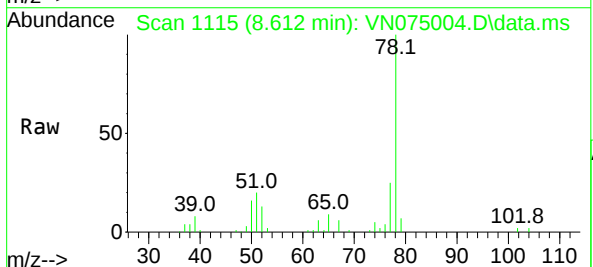


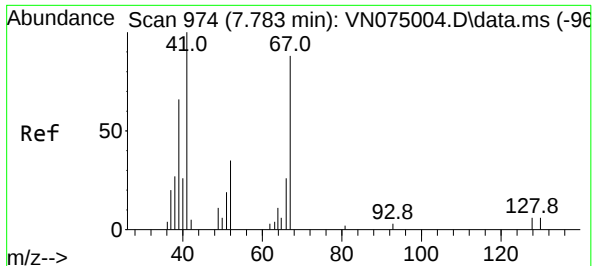
Tgt Ion:117 Resp: 33711
Ion Ratio Lower Upper
117 100
119 94.1 77.5 116.3
121 25.1 23.5 35.3



#34
Benzene
Concen: 20.120 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

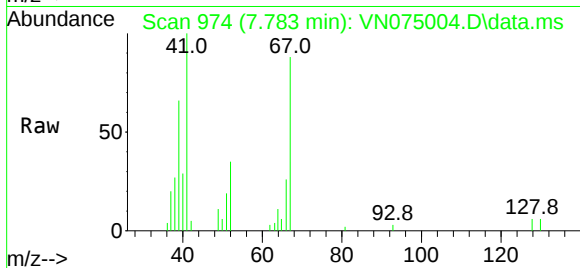
Tgt Ion: 78 Resp: 93167
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7
51 16.6 16.0 24.0



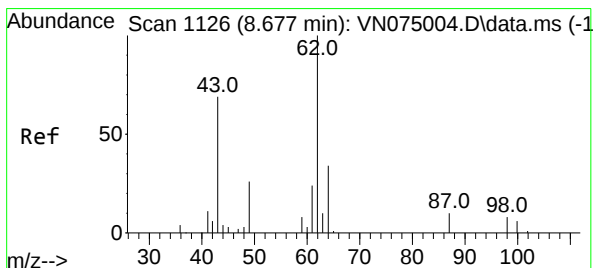
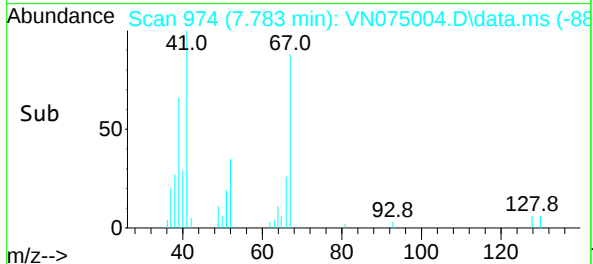
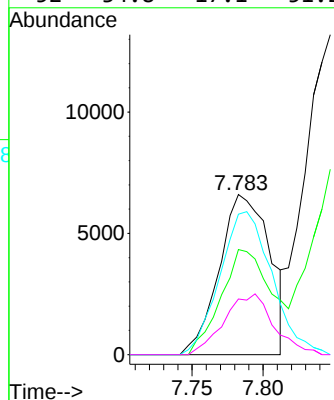


#35
Methacrylonitrile
Concen: 19.550 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Instrument :
MSVOA_N
ClientSampleId :

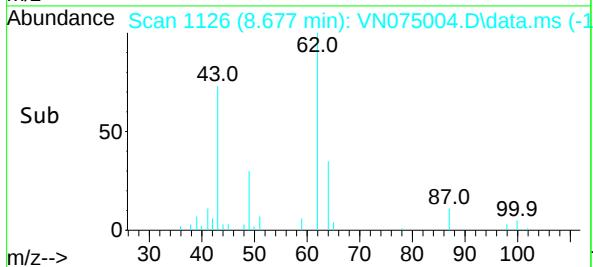
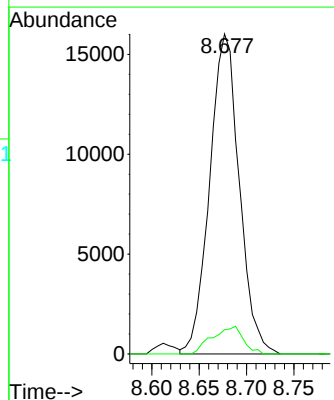
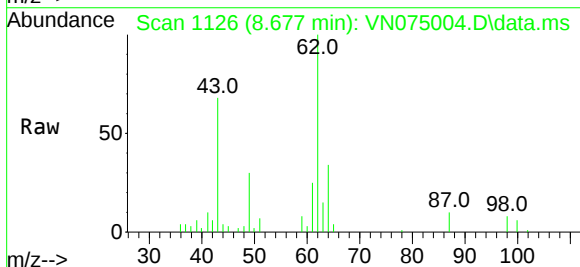


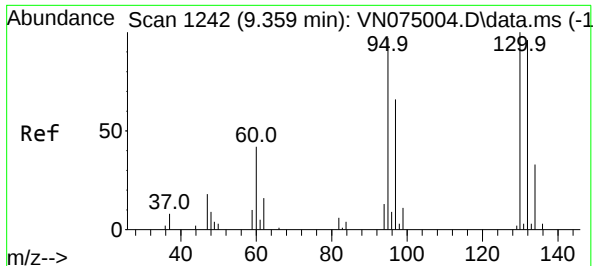
Tgt Ion: 41 Resp: 16361
Ion Ratio Lower Upper
41 100
39 65.7 28.0 83.9
67 87.7 37.7 113.1
52 34.8 17.1 51.2



#36
1,2-Dichloroethane
Concen: 20.296 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 62 Resp: 34823
Ion Ratio Lower Upper
62 100
98 9.0 6.6 10.0





#37

Trichloroethene

Concen: 19.516 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

Instrument :

MSVOA_N

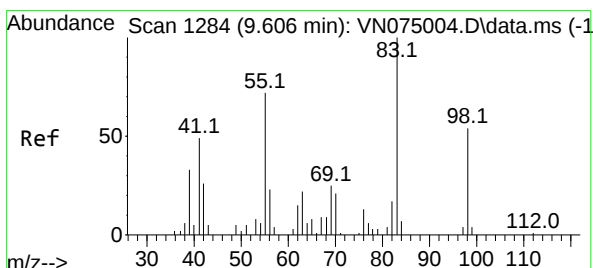
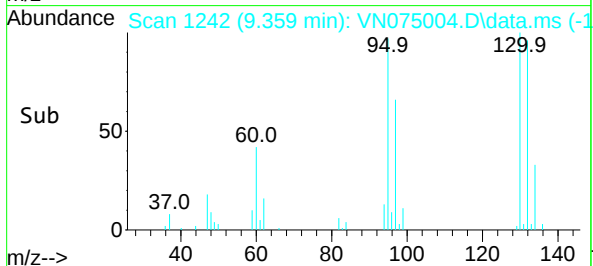
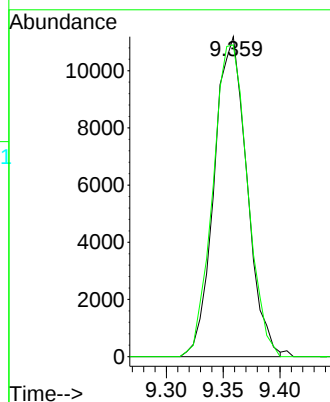
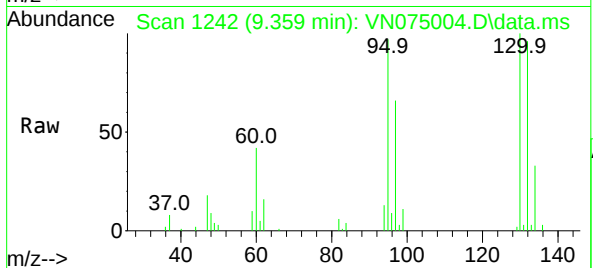
ClientSampleId :

Tgt Ion:130 Resp: 22456

Ion Ratio Lower Upper

130 100

95 97.4 76.6 115.0



#38

Methylcyclohexane

Concen: 19.466 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

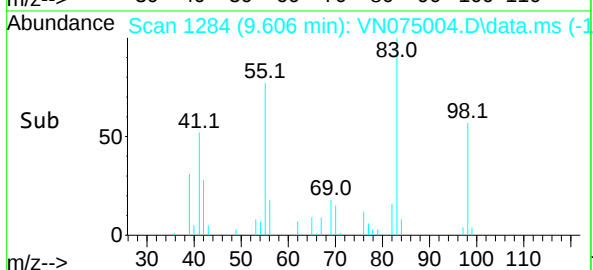
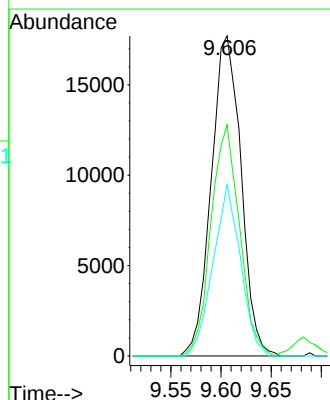
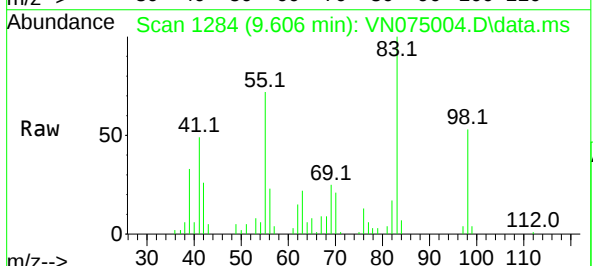
Tgt Ion: 83 Resp: 36558

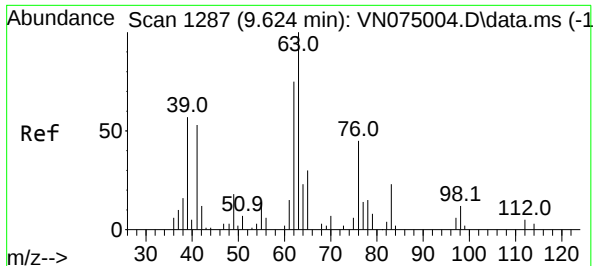
Ion Ratio Lower Upper

83 100

55 69.2 35.1 105.3

98 49.3 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.385 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

Instrument :

MSVOA_N

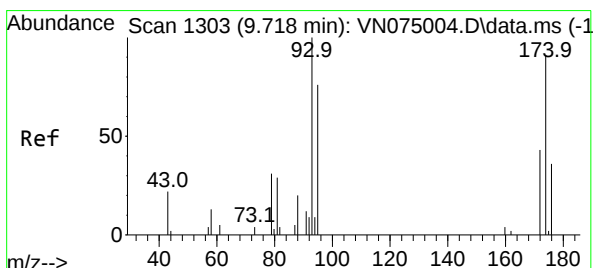
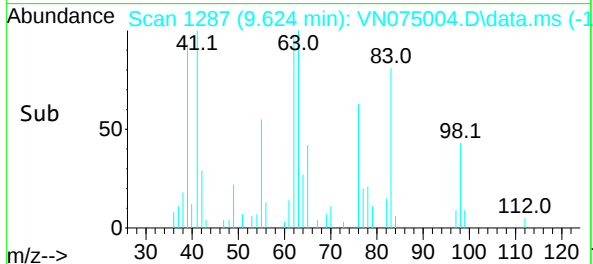
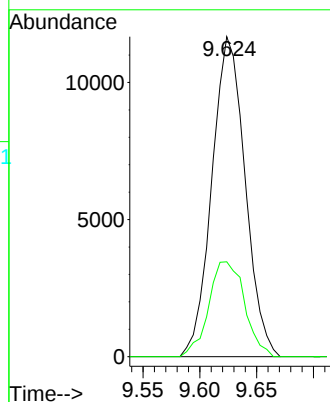
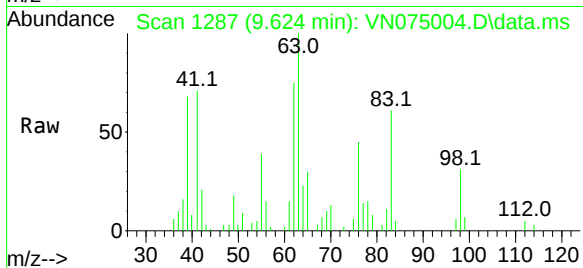
ClientSampleId :

Tgt Ion: 63 Resp: 23763

Ion Ratio Lower Upper

63 100

65 29.7 24.2 36.4



#40

Dibromomethane

Concen: 19.143 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

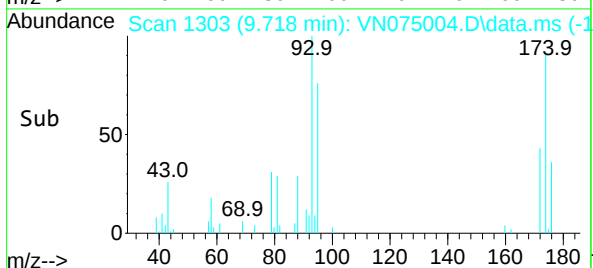
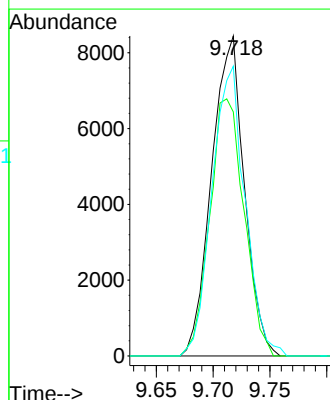
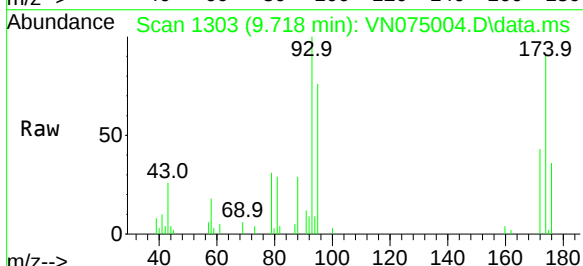
Tgt Ion: 93 Resp: 16930

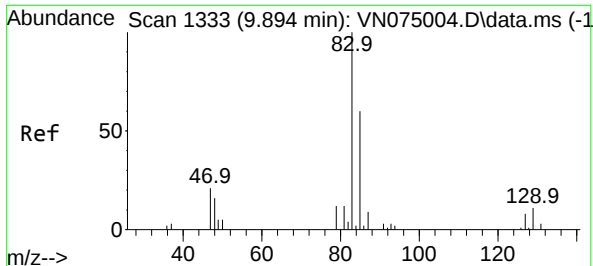
Ion Ratio Lower Upper

93 100

95 84.3 0.0 168.8

174 91.7 0.0 173.6

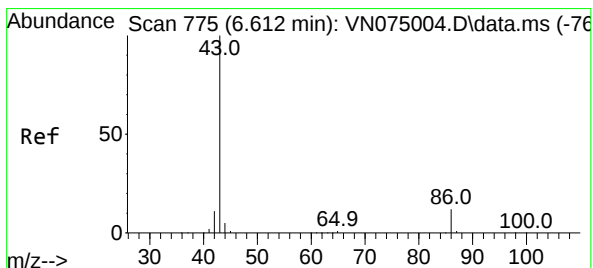
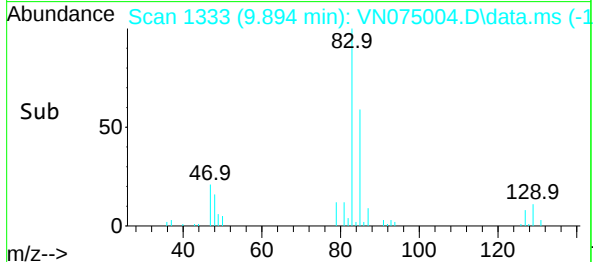
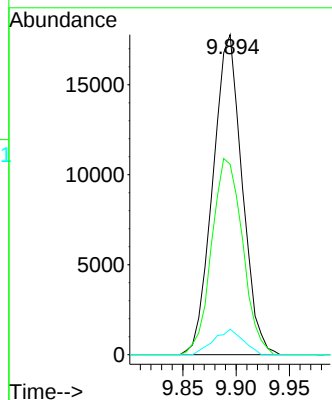
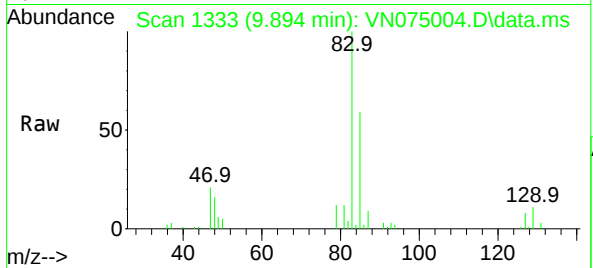




#41
Bromodichloromethane
Concen: 19.727 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

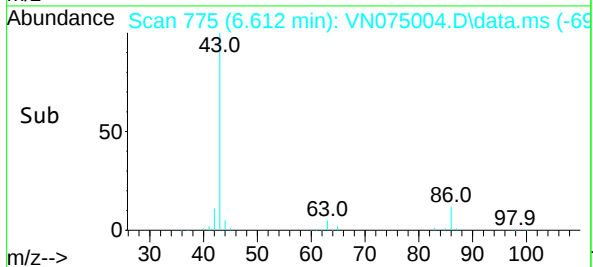
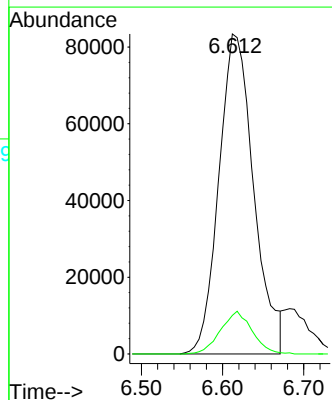
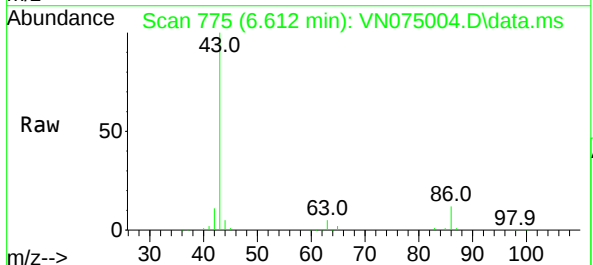
Instrument :
MSVOA_N
ClientSampleId :

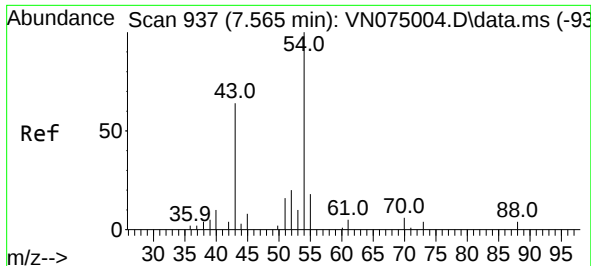
Tgt Ion: 83 Resp: 33966
Ion Ratio Lower Upper
83 100
85 59.5 54.1 81.1
127 8.0 7.6 11.4



#42
Vinyl Acetate
Concen: 101.205 ug/l
RT: 6.612 min Scan# 775
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

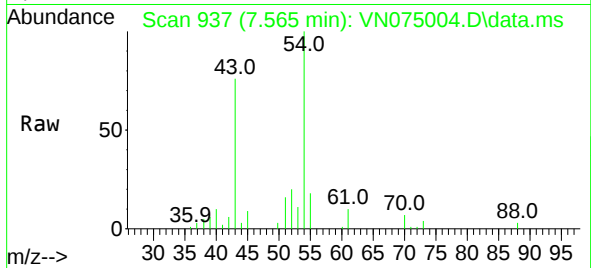
Tgt Ion: 43 Resp: 248901
Ion Ratio Lower Upper
43 100
86 12.1 7.5 11.3#



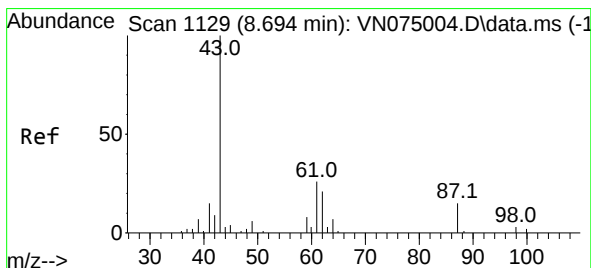
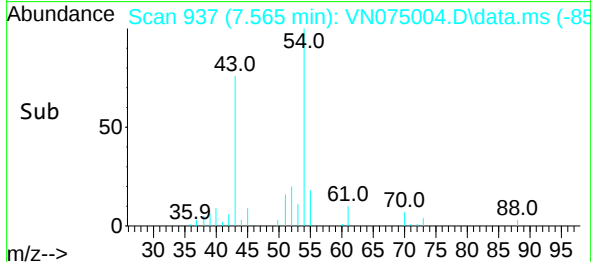
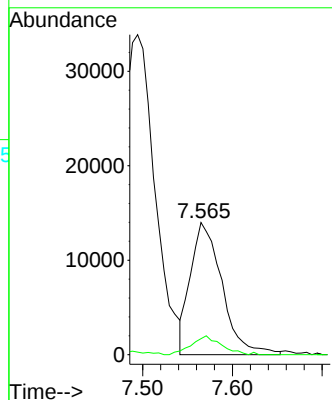


#43
Ethyl Acetate
Concen: 19.803 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Instrument :
MSVOA_N
ClientSampleId :

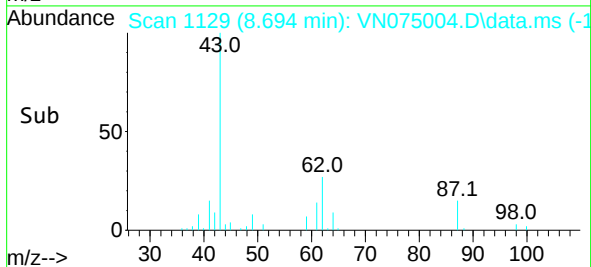
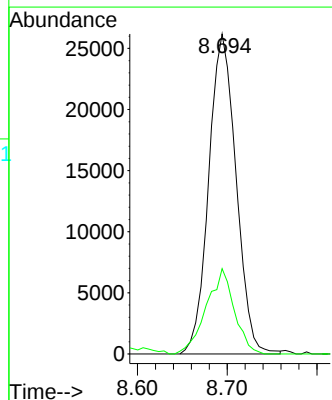
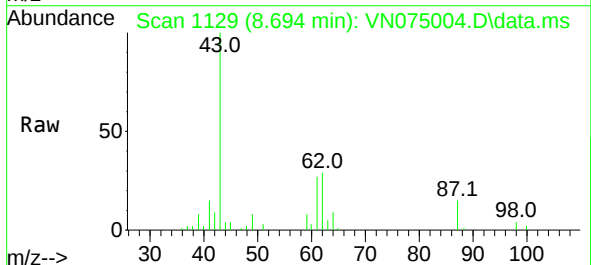


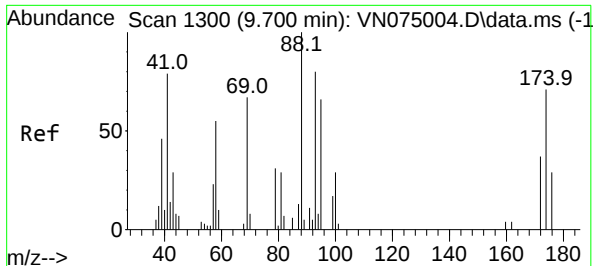
Tgt Ion: 43 Resp: 34172
Ion Ratio Lower Upper
43 100
45 13.2 10.6 16.0



#44
Isopropyl Acetate
Concen: 20.028 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 43 Resp: 55436
Ion Ratio Lower Upper
43 100
61 27.2 20.1 30.1

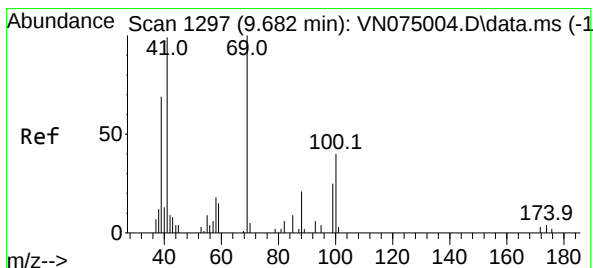
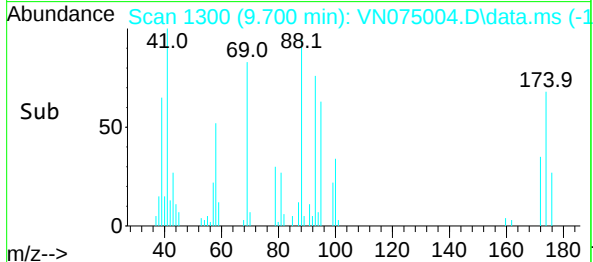
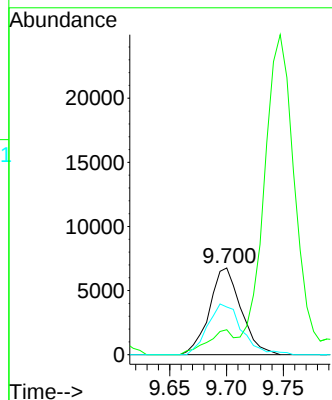
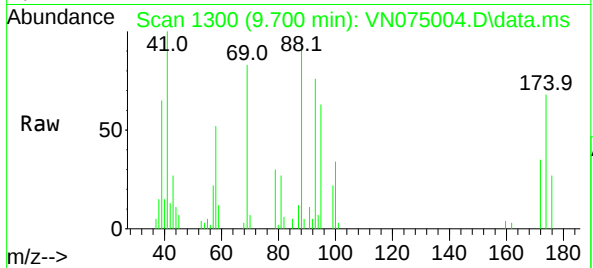




#45
1,4-Dioxane
Concen: 383.788 ug/l
RT: 9.700 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

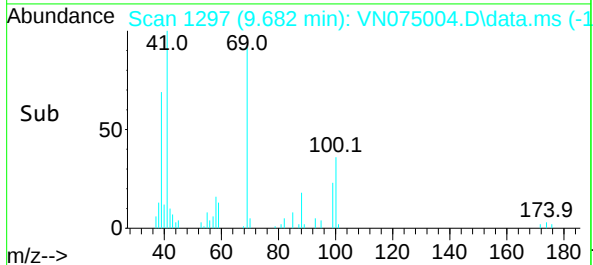
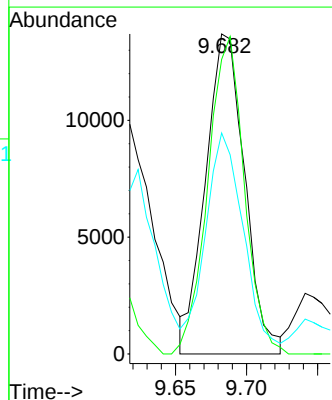
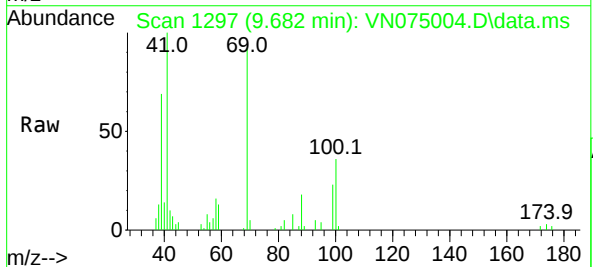
Instrument :
MSVOA_N
ClientSampleId :

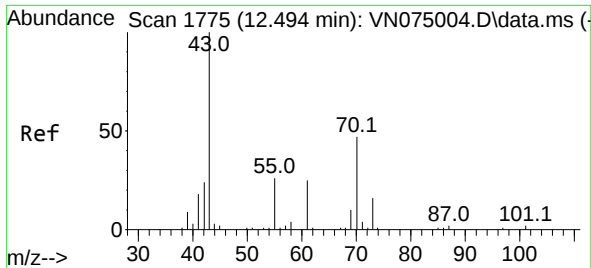
Tgt Ion: 88 Resp: 13075
Ion Ratio Lower Upper
88 100
43 23.5 25.0 37.6#
58 61.6 49.4 74.2



#46
Methyl methacrylate
Concen: 21.112 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 41 Resp: 26214
Ion Ratio Lower Upper
41 100
69 95.0 44.4 133.2
39 69.4 39.9 119.6

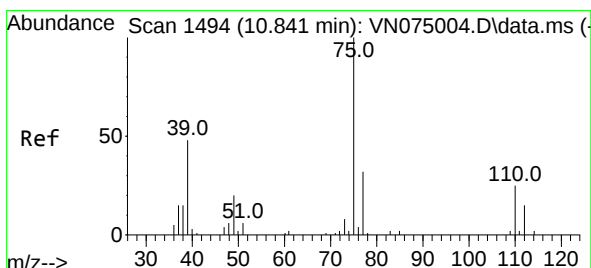
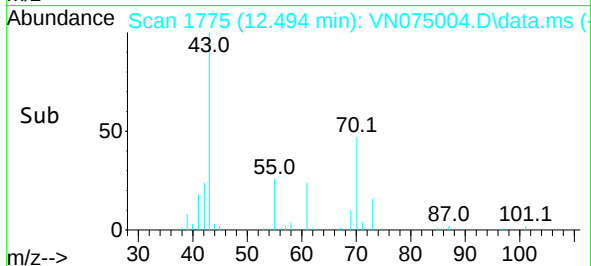
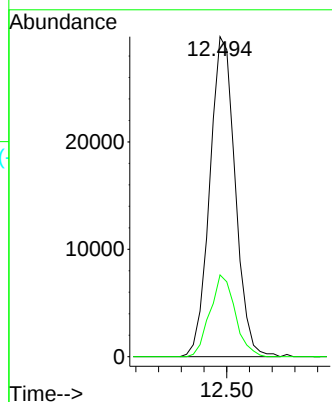
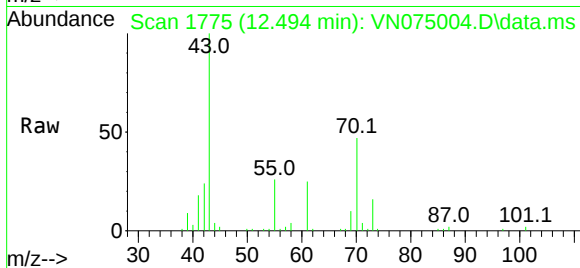




#47
n-amyl acetate
Concen: 19.464 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

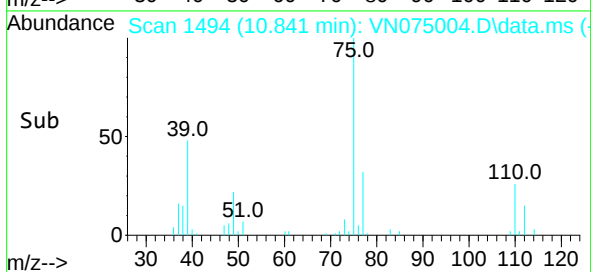
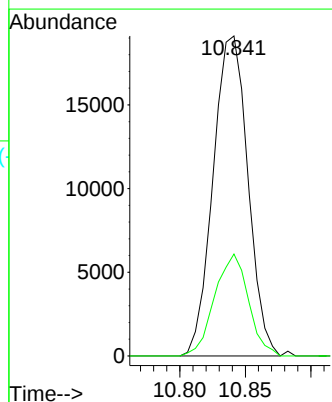
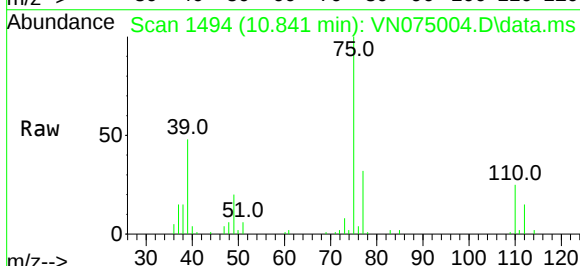
Instrument :
MSVOA_N
ClientSampleId :

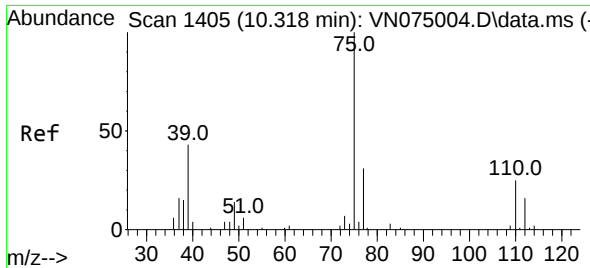
Tgt Ion: 43 Resp: 46281
Ion Ratio Lower Upper
43 100
55 25.3 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 18.752 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

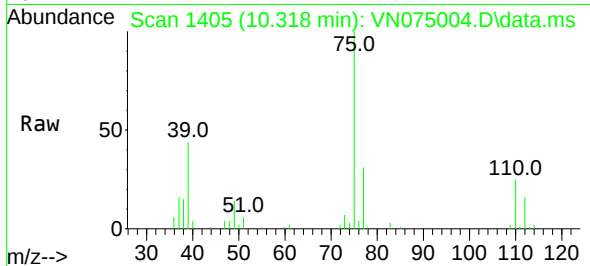
Tgt Ion: 75 Resp: 35272
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9



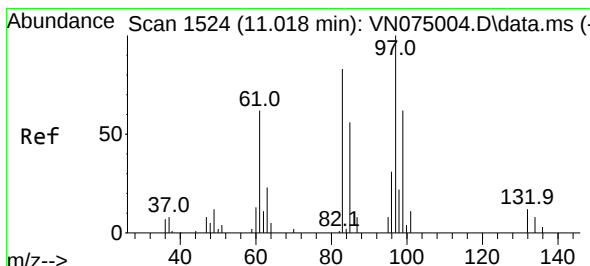
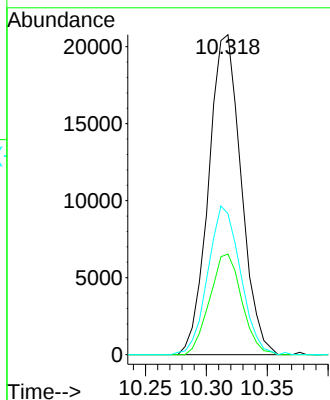
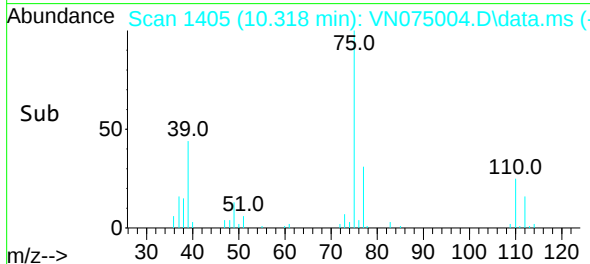


#49
 cis-1,3-Dichloropropene
 Concen: 19.531 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: VN075004.D
 Acq: 25 Oct 2022 11:22

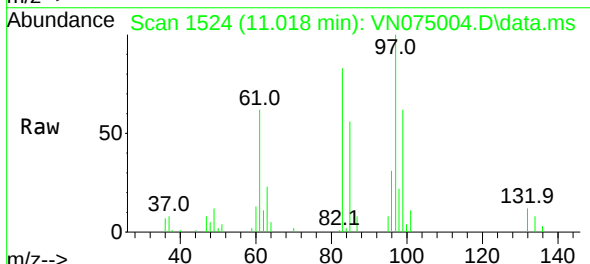
Instrument :
 MSVOA_N
 ClientSampleId :



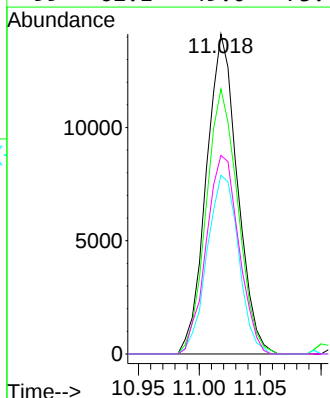
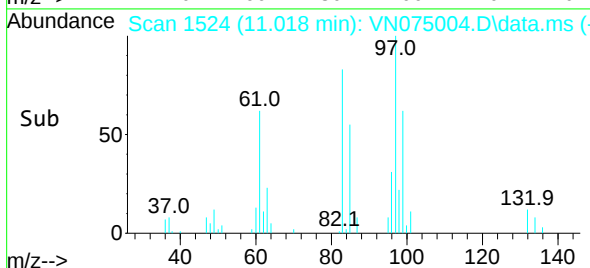
Tgt Ion: 75	Resp: 38615
Ion Ratio	Lower Upper
75 100	
77 31.4	25.3 37.9
39 44.0	46.2 69.4#

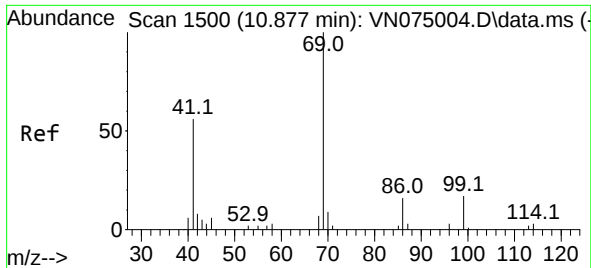


#50
 1,1,2-Trichloroethane
 Concen: 19.372 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VN075004.D
 Acq: 25 Oct 2022 11:22



Tgt Ion: 97	Resp: 25099
Ion Ratio	Lower Upper
97 100	
83 82.8	67.2 100.8
85 55.8	43.0 64.4
99 62.1	49.0 73.4

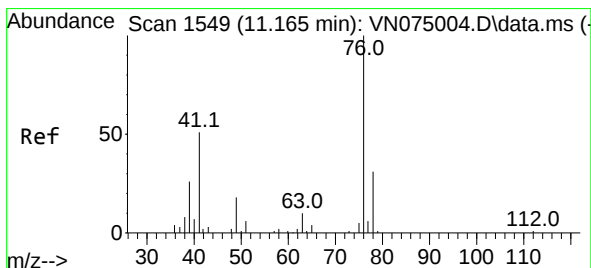
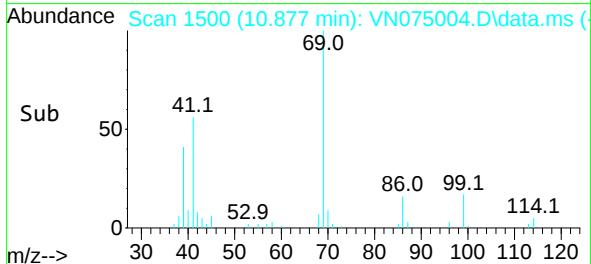
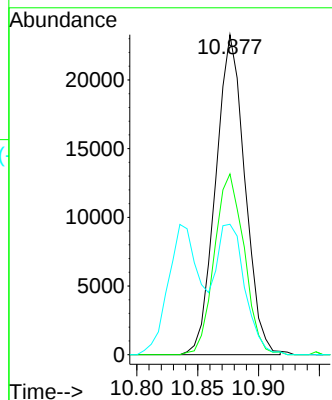
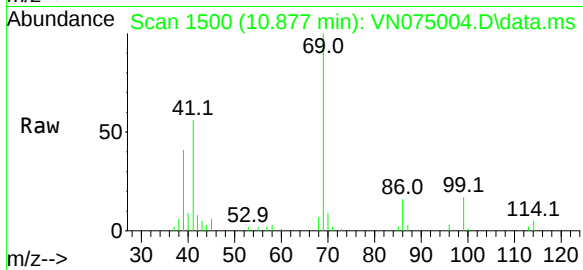




#51
Ethyl methacrylate
Concen: 19.258 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

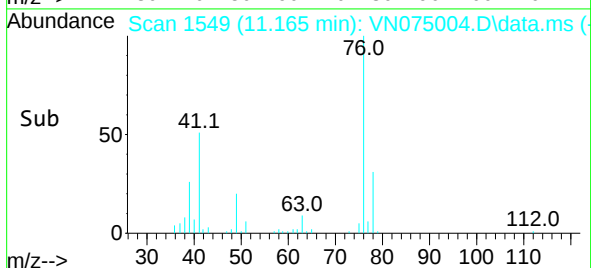
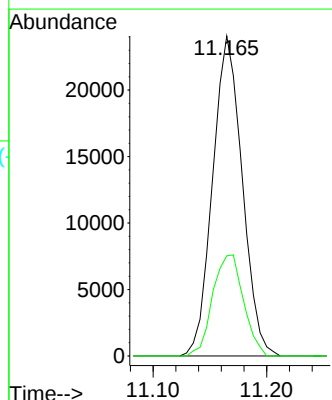
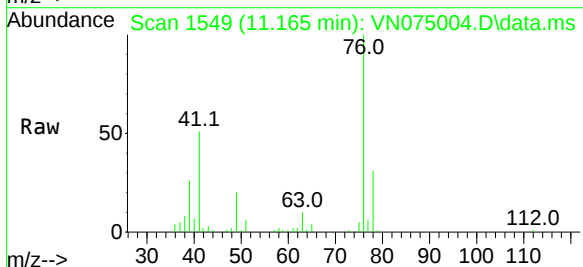
Instrument :
MSVOA_N
ClientSampleId :

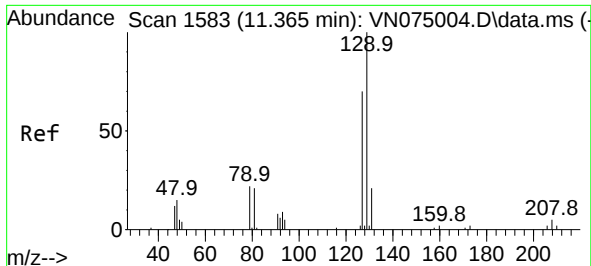
Tgt Ion: 69 Resp: 38877
Ion Ratio Lower Upper
69 100
41 56.5 33.0 98.9
39 39.9 25.4 76.4



#52
1,3-Dichloropropane
Concen: 20.089 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 76 Resp: 43532
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.4

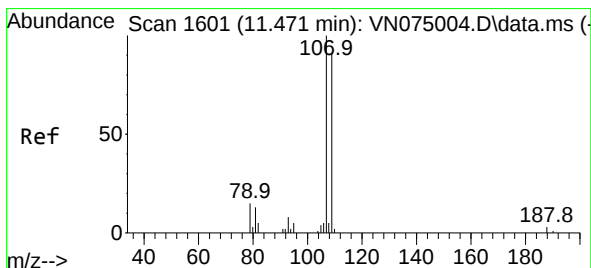
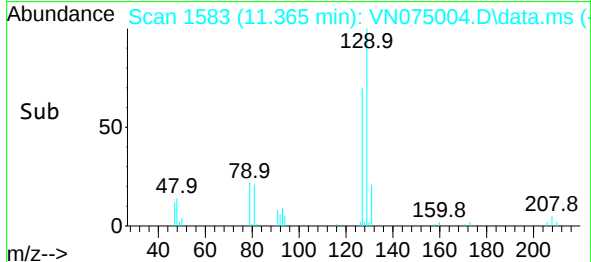
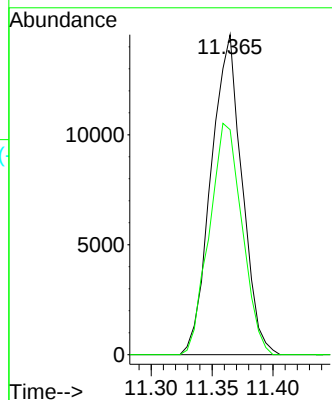
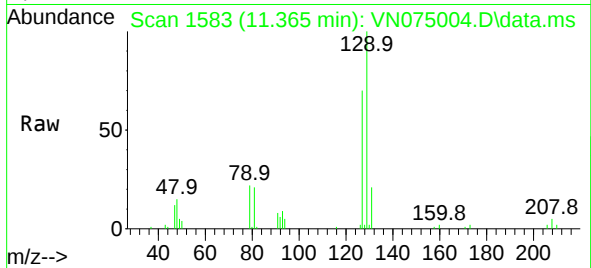




#53
Dibromochloromethane
Concen: 18.351 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

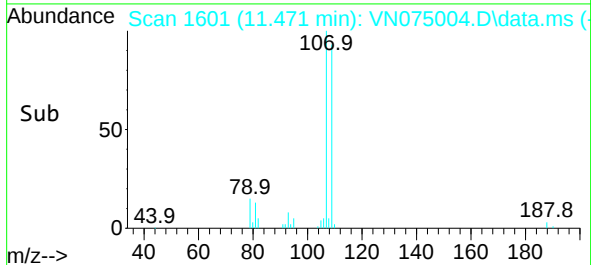
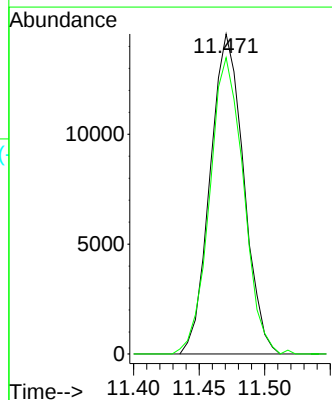
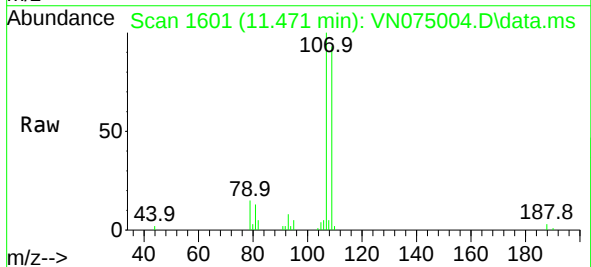
Instrument :
MSVOA_N
ClientSampleId :

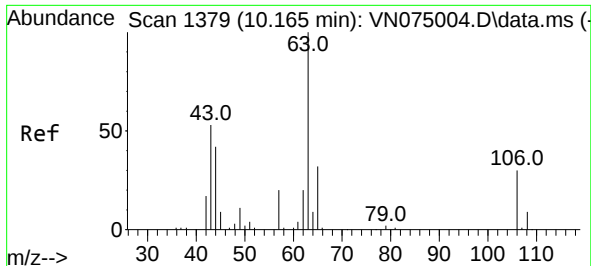
Tgt Ion:129 Resp: 25717
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0



#54
1,2-Dibromoethane
Concen: 19.303 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion:107 Resp: 25875
Ion Ratio Lower Upper
107 100
109 93.5 72.8 109.2

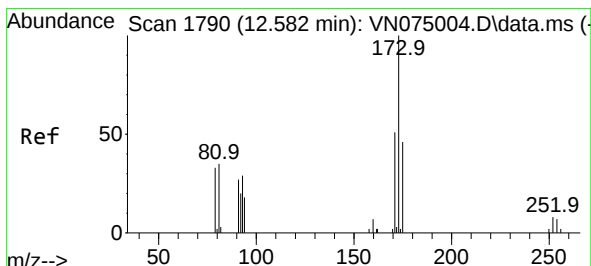
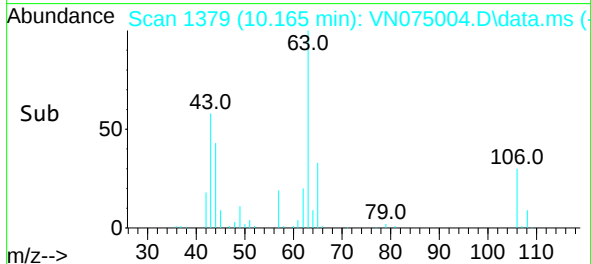
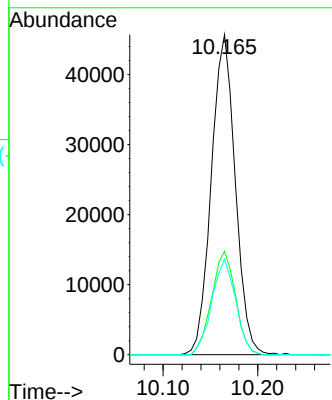
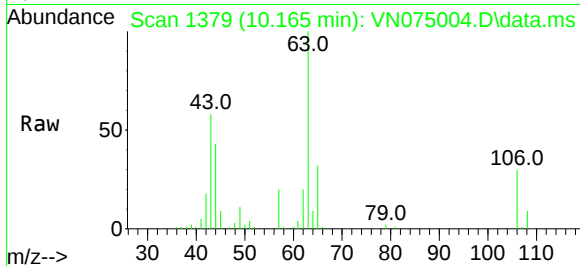




#55
2-Chloroethyl vinyl ether
Concen: 97.457 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

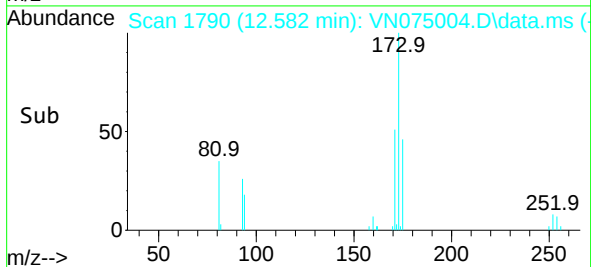
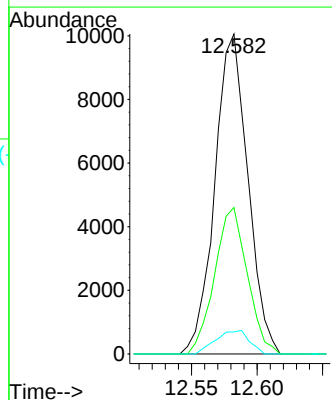
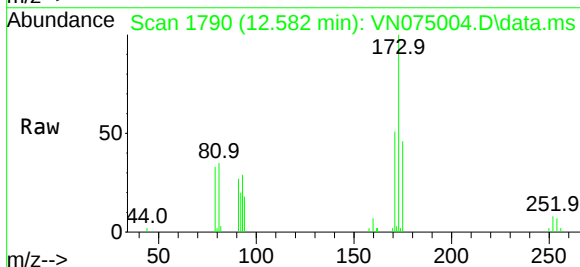
Instrument :
MSVOA_N
ClientSampleId :

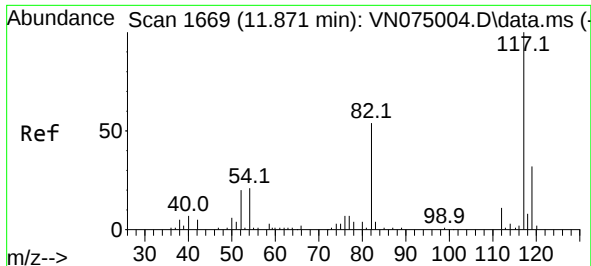
Tgt Ion: 63 Resp: 80378
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 29.8 23.2 34.8



#56
Bromoform
Concen: 17.121 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 173 Resp: 17615
Ion Ratio Lower Upper
173 100
175 45.2 38.6 58.0
254 7.4 0.0 0.0#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

Instrument :

MSVOA_N

ClientSampleId :

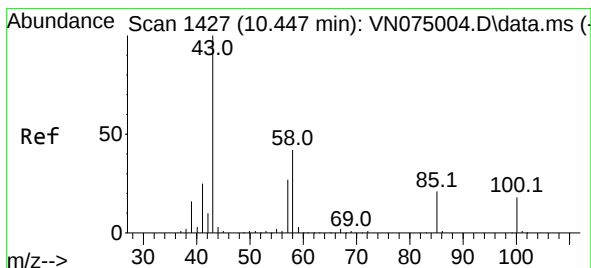
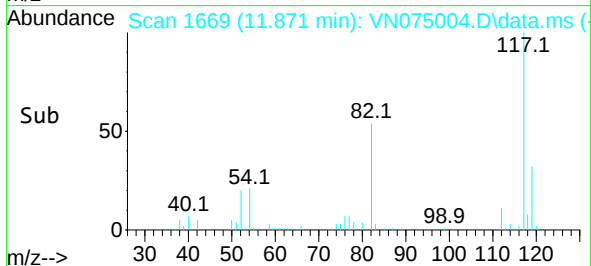
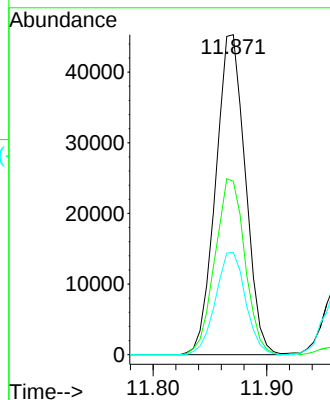
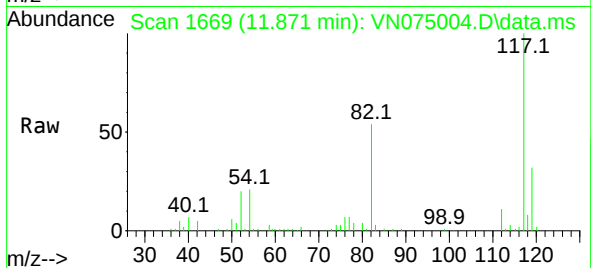
Tgt Ion:117 Resp: 82266

Ion Ratio Lower Upper

117 100

82 55.6 43.6 65.4

119 32.3 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 103.814 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

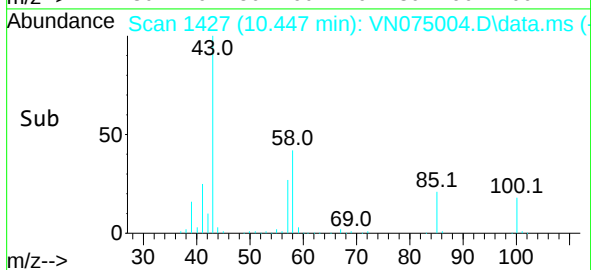
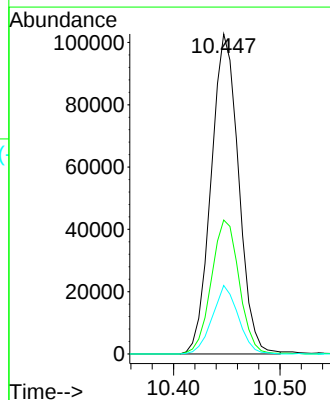
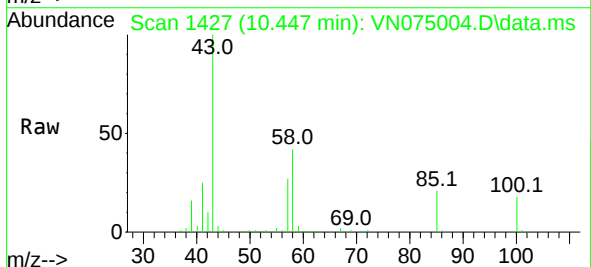
Tgt Ion: 43 Resp: 184214

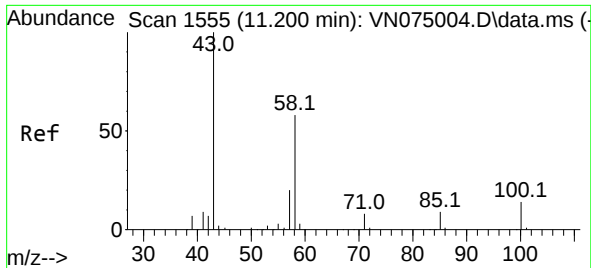
Ion Ratio Lower Upper

43 100

58 42.4 30.0 45.0

85 20.3 15.0 22.6

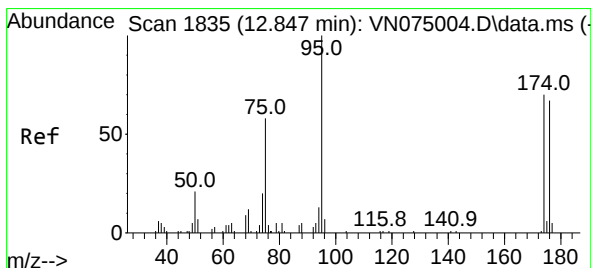
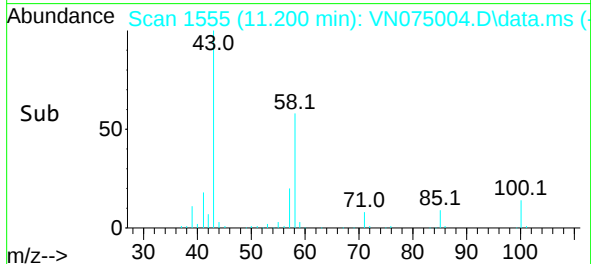
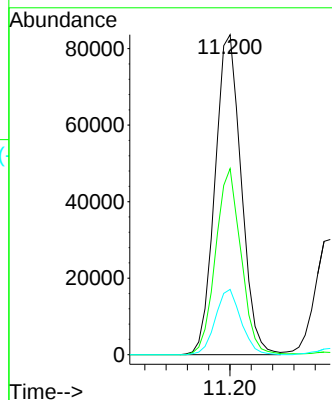
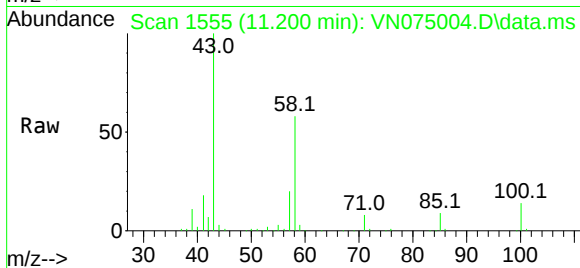




#59
2-Hexanone
Concen: 105.215 ug/l
RT: 11.200 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

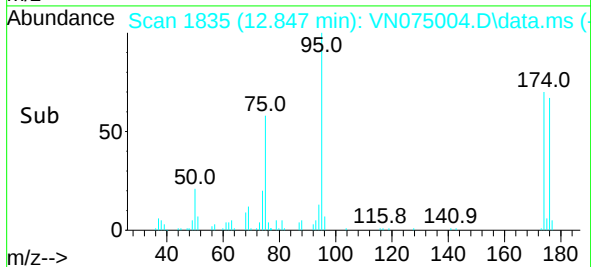
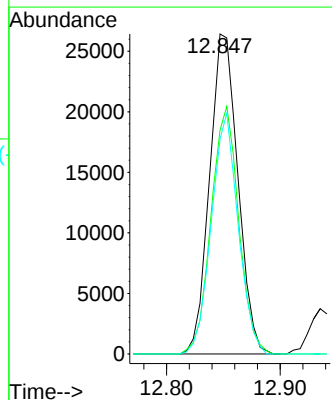
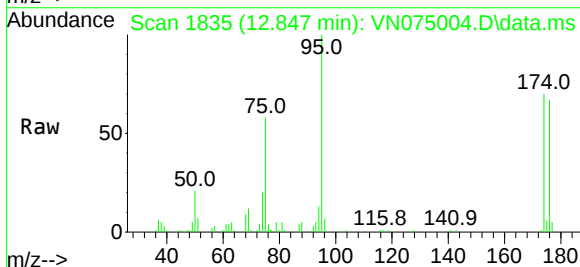
Instrument :
MSVOA_N
ClientSampleId :

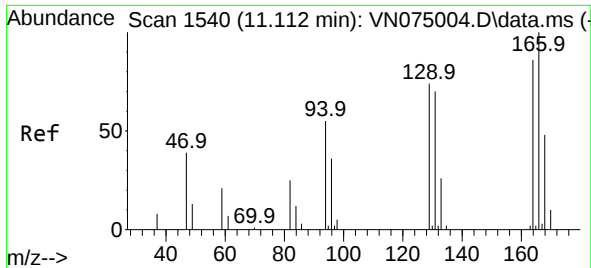
Tgt Ion: 43 Resp: 143222
Ion Ratio Lower Upper
43 100
58 56.1 42.2 63.2
57 19.9 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 28.298 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

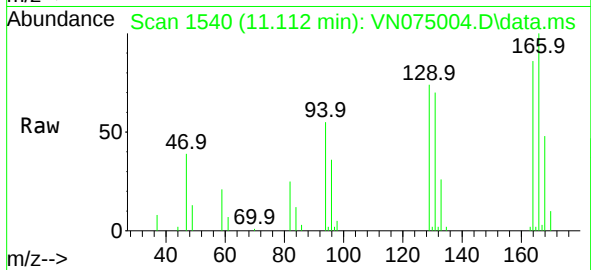
Tgt Ion: 95 Resp: 45740
Ion Ratio Lower Upper
95 100
174 75.5 62.9 94.3
176 71.1 61.0 91.4



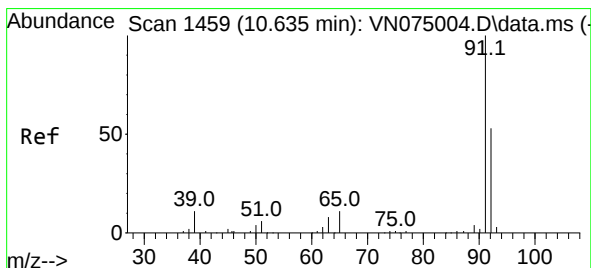
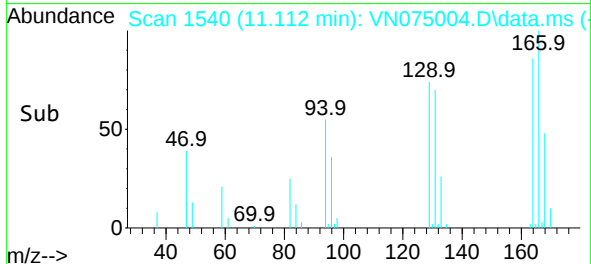
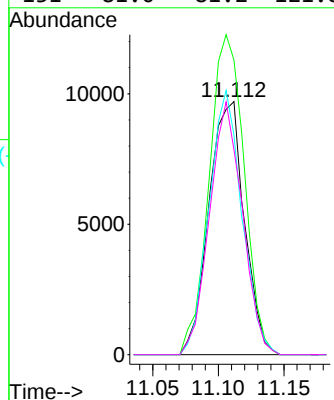


#61
Tetrachloroethene
Concen: 19.951 ug/l
RT: 11.112 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Instrument :
MSVOA_N
ClientSampleId :

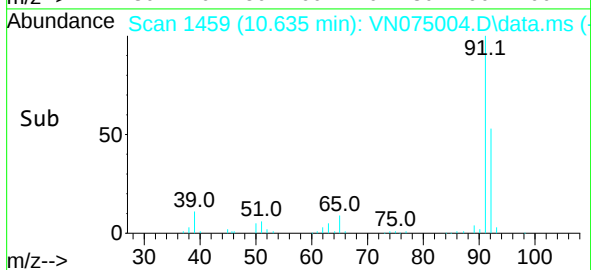
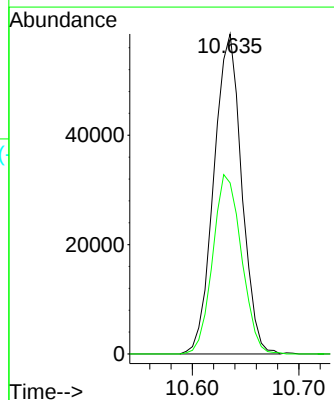
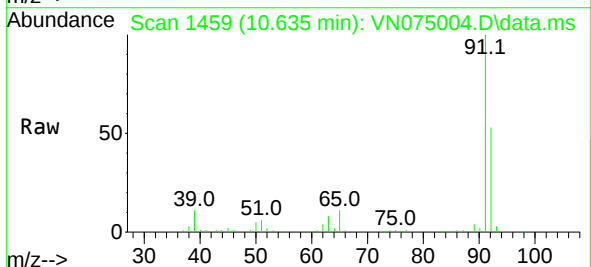


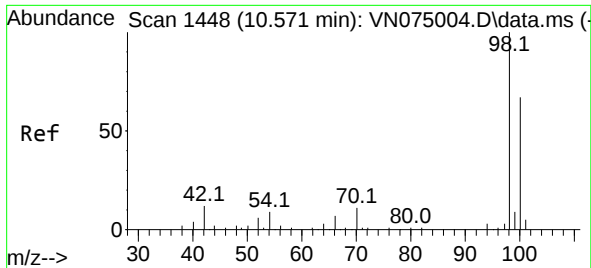
Tgt Ion:164 Resp: 18253
Ion Ratio Lower Upper
164 100
166 116.4 105.8 158.8
129 86.7 82.5 123.7
131 81.0 81.2 121.8#



#62
Toluene
Concen: 19.902 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 91 Resp: 106006
Ion Ratio Lower Upper
91 100
92 58.0 44.6 67.0

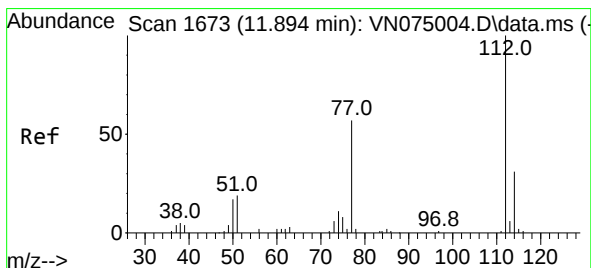
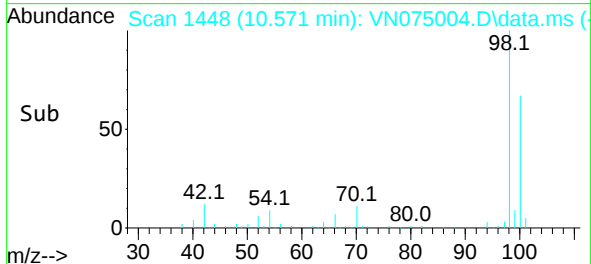
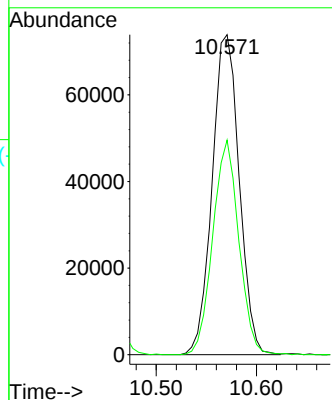
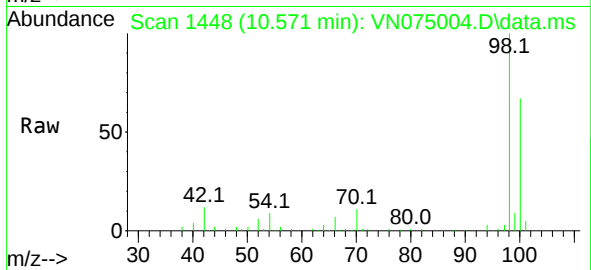




#63
Toluene-d8
Concen: 30.166 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

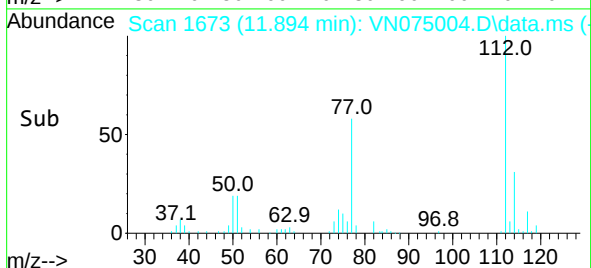
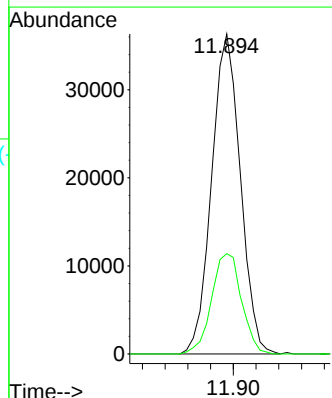
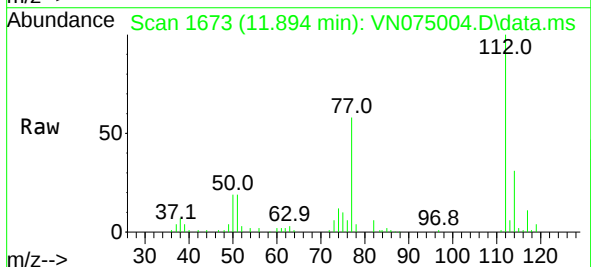
Instrument :
MSVOA_N
ClientSampleId :

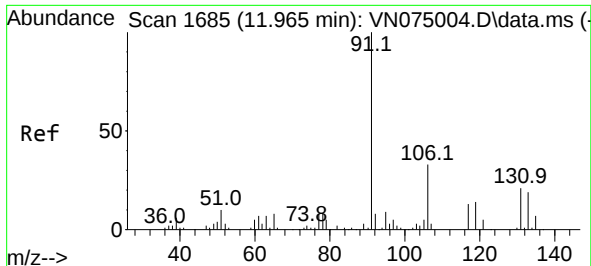
Tgt Ion: 98 Resp: 138798
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0



#64
Chlorobenzene
Concen: 19.307 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 112 Resp: 63725
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

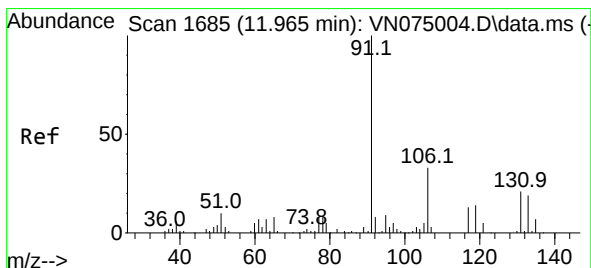
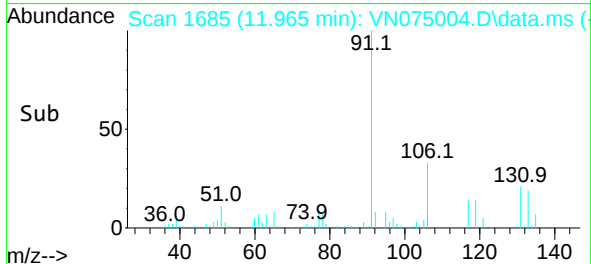
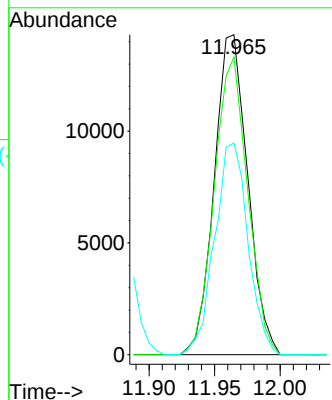
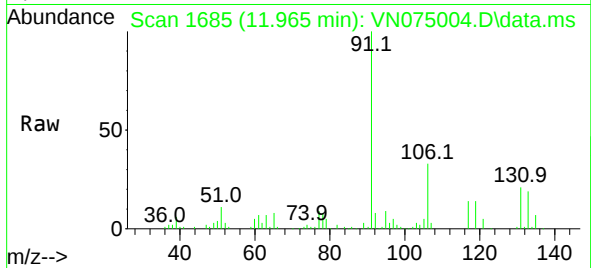




#65
1,1,1,2-Tetrachloroethane
Concen: 20.160 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

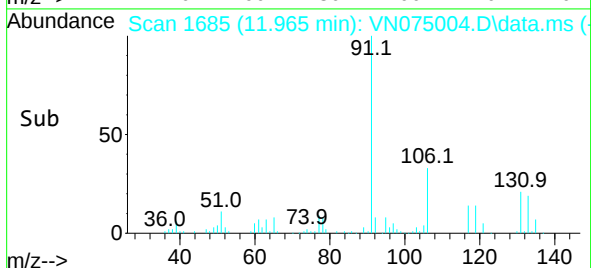
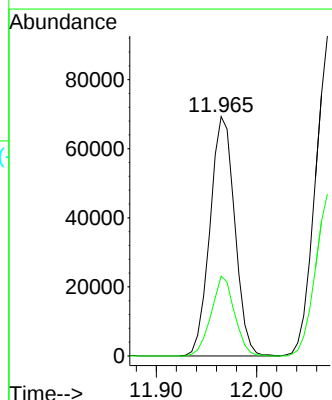
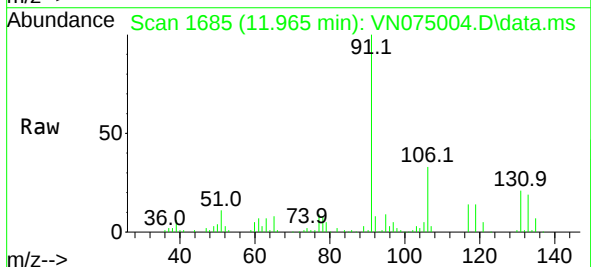
Instrument :
MSVOA_N
ClientSampleId :

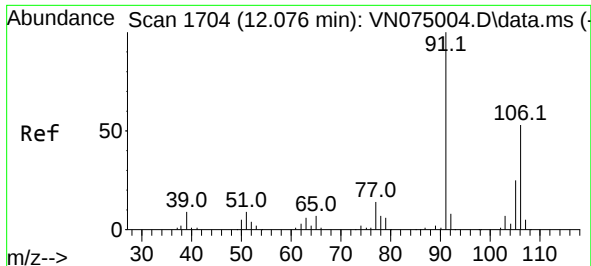
Tgt Ion:131 Resp: 25420
Ion Ratio Lower Upper
131 100
133 92.9 0.0 191.2
119 66.0 0.0 128.8



#66
Ethyl Benzene
Concen: 19.774 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 91 Resp: 118697
Ion Ratio Lower Upper
91 100
106 33.4 24.0 36.0

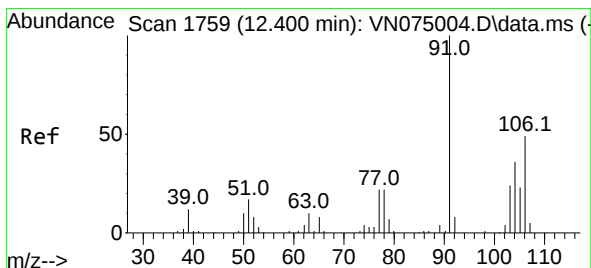
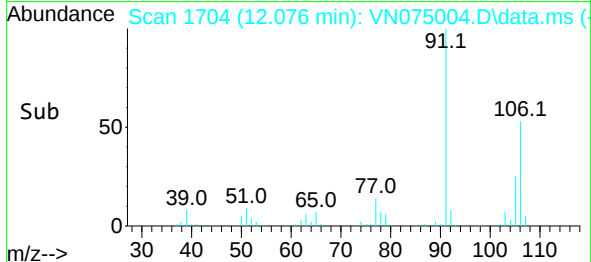
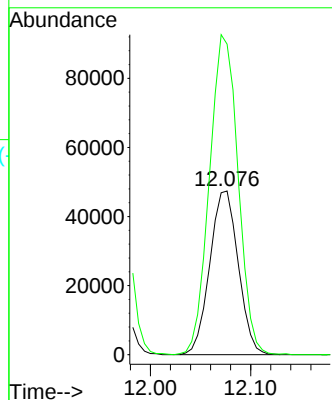
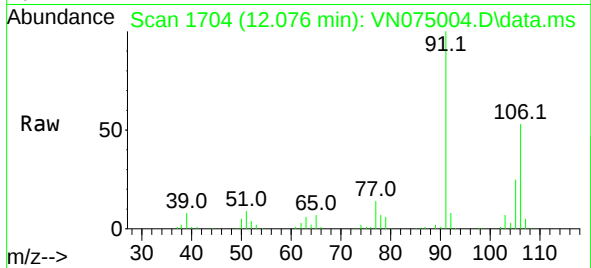




#67
m/p-Xylenes
Concen: 38.880 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

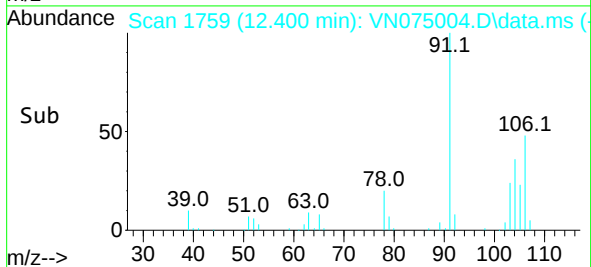
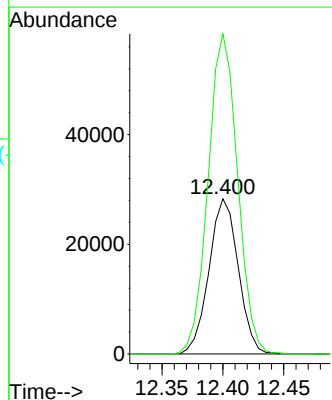
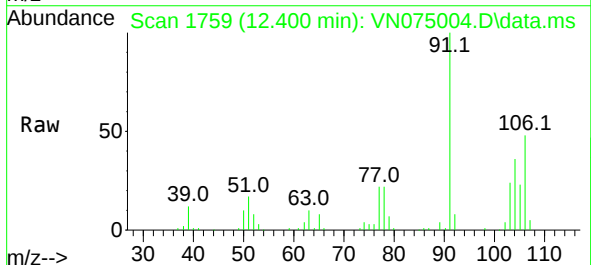
Instrument :
MSVOA_N
ClientSampleId :

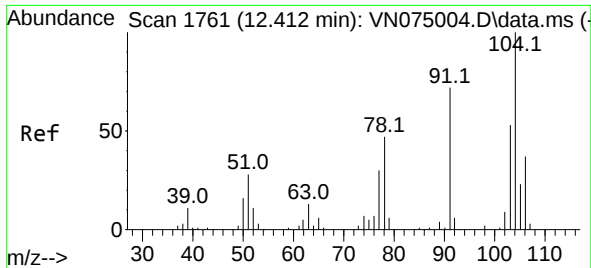
Tgt Ion:106 Resp: 93602
Ion Ratio Lower Upper
106 100
91 196.4 162.9 244.3



#68
o-Xylene
Concen: 19.575 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion:106 Resp: 47370
Ion Ratio Lower Upper
106 100
91 207.3 107.7 323.1

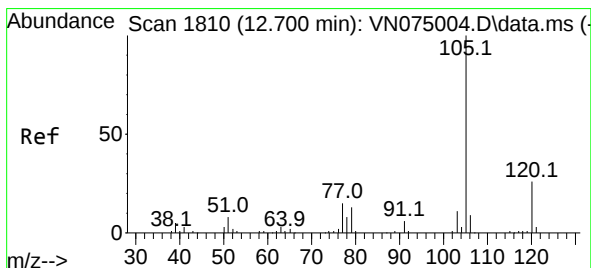
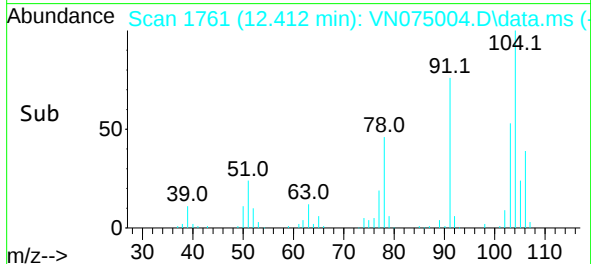
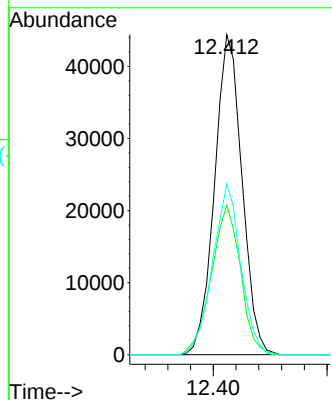
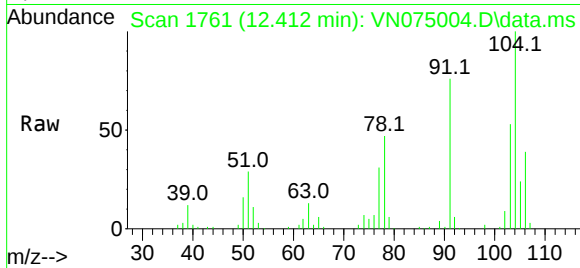




#69
Styrene
Concen: 18.812 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

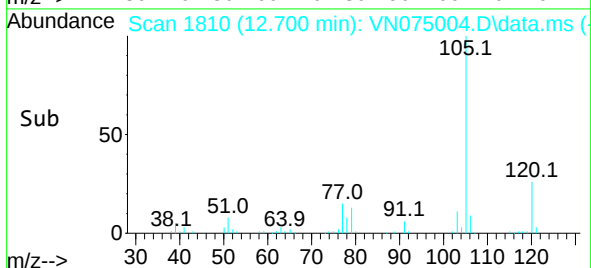
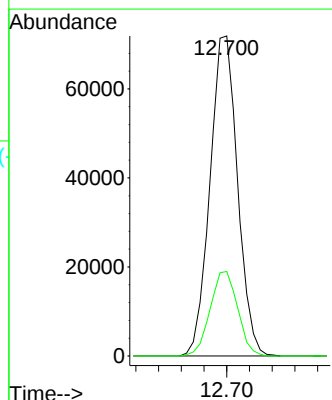
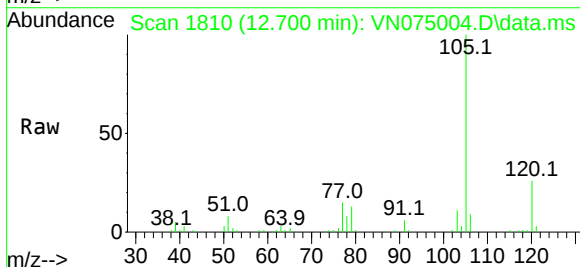
Instrument :
MSVOA_N
ClientSampleId :

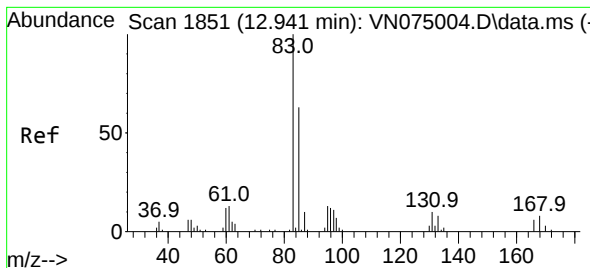
Tgt Ion:104 Resp: 74448
Ion Ratio Lower Upper
104 100
78 49.5 40.7 61.1
103 54.4 45.8 68.8



#70
Isopropylbenzene
Concen: 19.251 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion:105 Resp: 121380
Ion Ratio Lower Upper
105 100
120 26.3 18.3 34.1

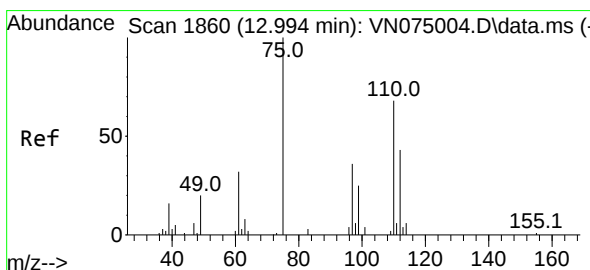
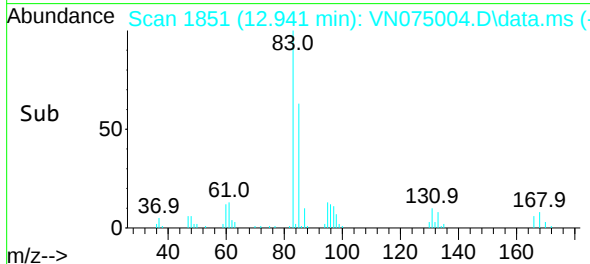
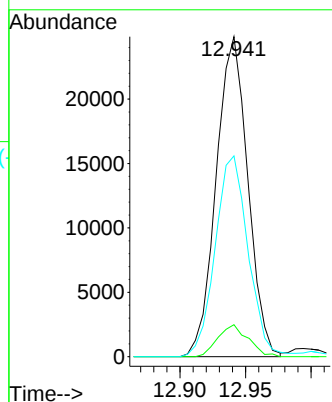
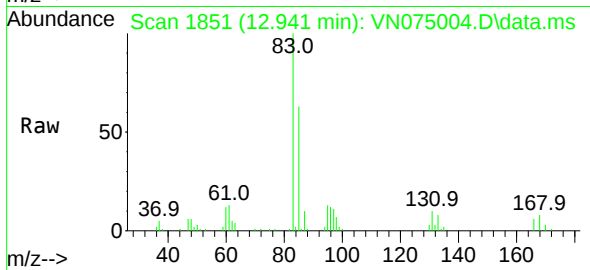




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.308 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN075004.D
 Acq: 25 Oct 2022 11:22

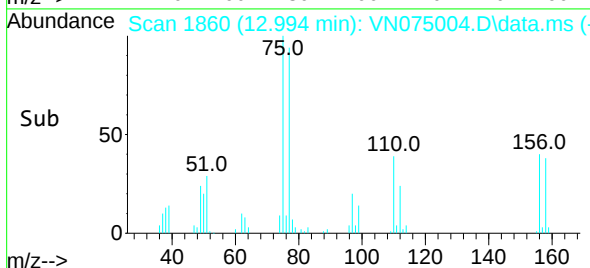
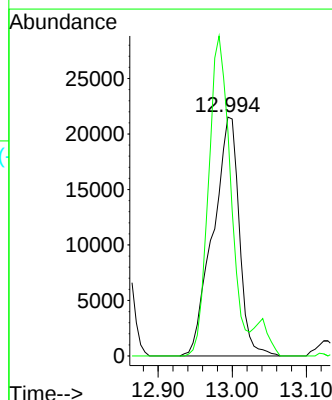
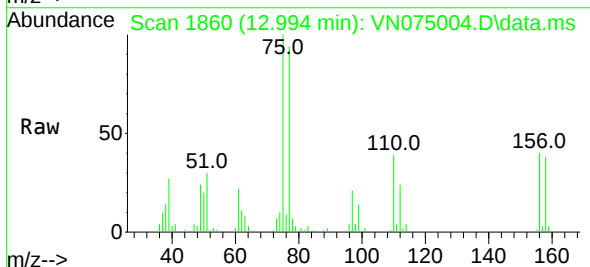
Instrument :
 MSVOA_N
 ClientSampleId :

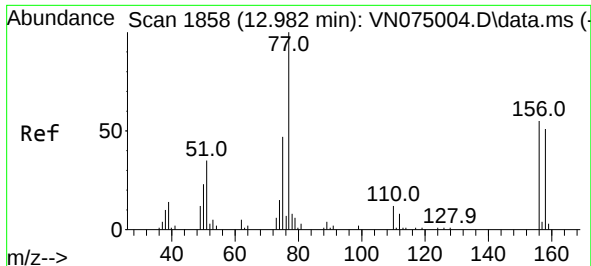
Tgt Ion: 83 Resp: 41710
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.1 15.3
 85 65.1 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 30.789 ug/l
 RT: 12.994 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: VN075004.D
 Acq: 25 Oct 2022 11:22

Tgt Ion: 75 Resp: 52916
 Ion Ratio Lower Upper
 75 100
 77 112.3 0.0 378.0

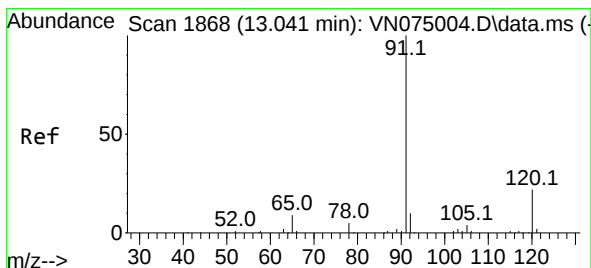
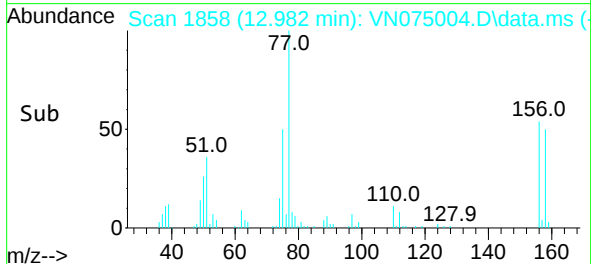
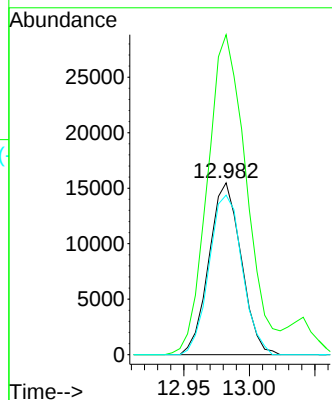
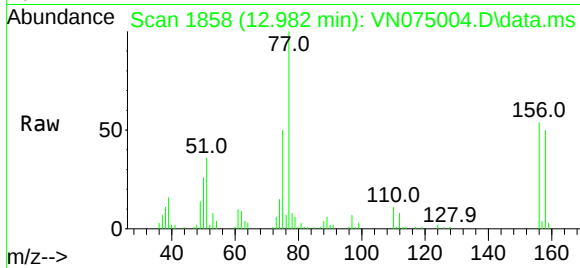




#73
Bromobenzene
Concen: 18.892 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

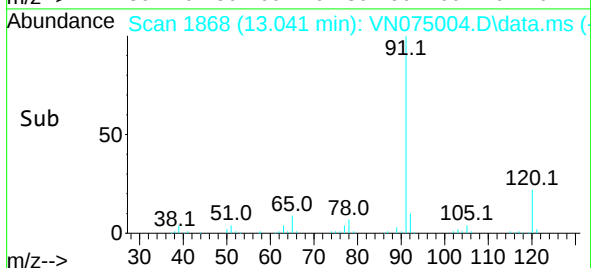
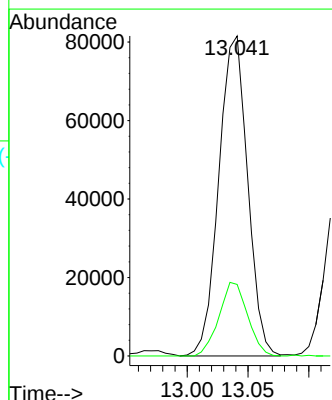
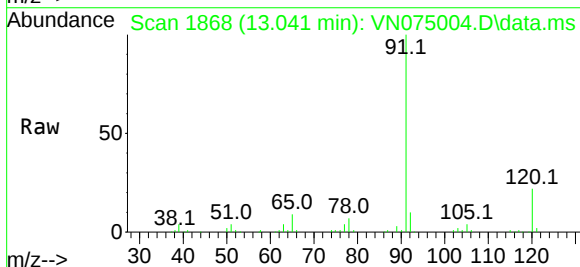
Instrument :
MSVOA_N
ClientSampleId :

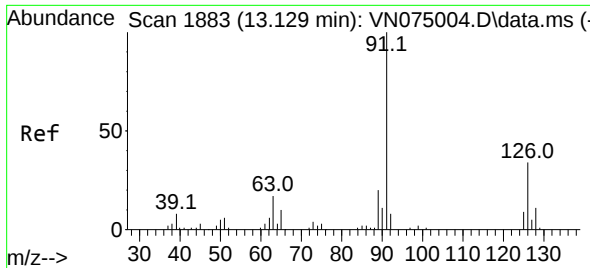
Tgt Ion:156 Resp: 26513
Ion Ratio Lower Upper
156 100
77 224.1 0.0 416.0
158 95.1 0.0 195.4



#74
n-propylbenzene
Concen: 19.033 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 91 Resp: 134388
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.0

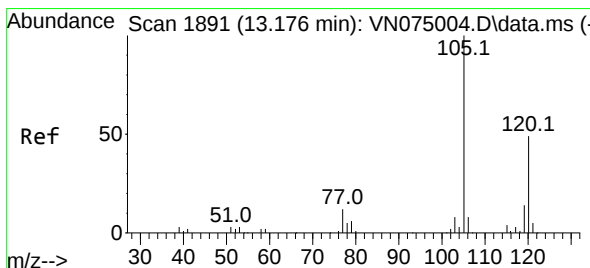
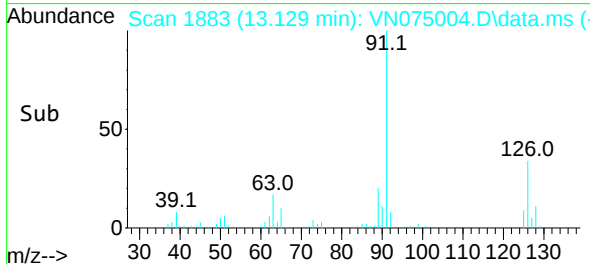
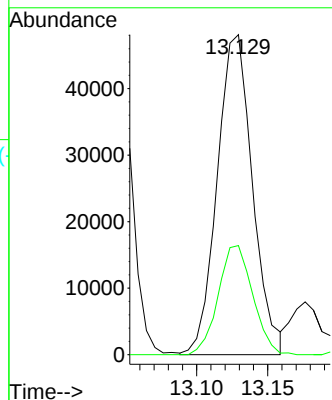
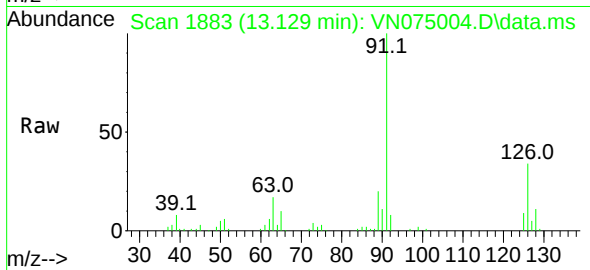




#75
2-Chlorotoluene
Concen: 19.484 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

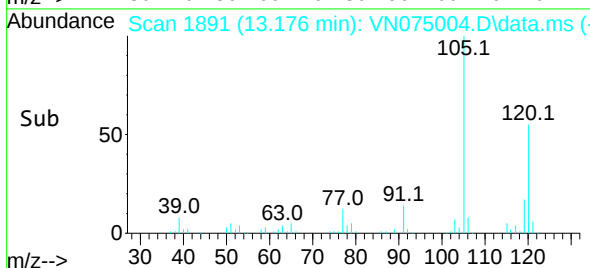
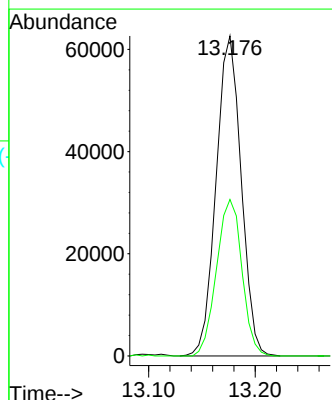
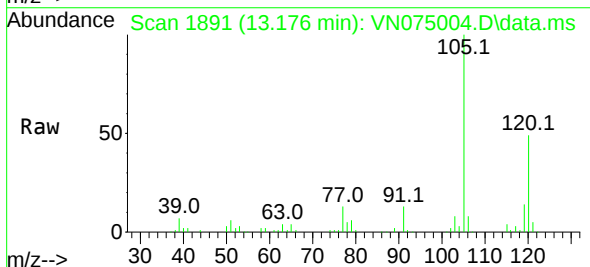
Instrument :
MSVOA_N
ClientSampleId :

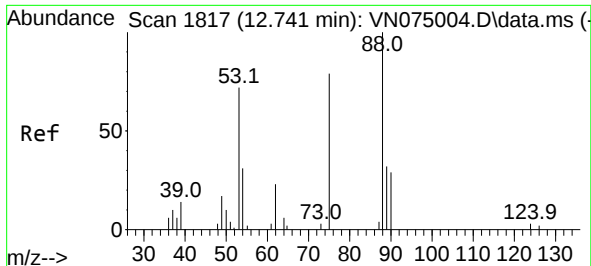
Tgt Ion: 91 Resp: 83223
Ion Ratio Lower Upper
91 100
126 33.4 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 19.134 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 105 Resp: 102270
Ion Ratio Lower Upper
105 100
120 49.5 0.0 93.8





#77

t-1,4-Dichloro-2-butene

Concen: 18.933 ug/l

RT: 12.741 min Scan# 1817

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

Instrument :

MSVOA_N

ClientSampleId :

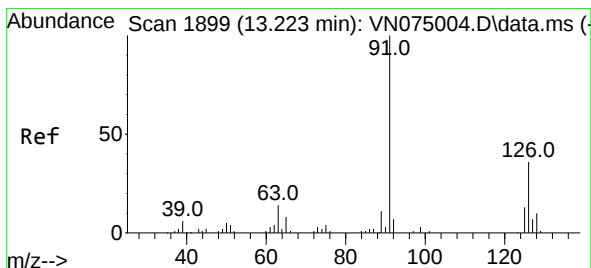
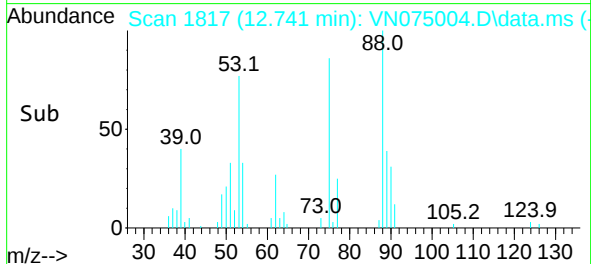
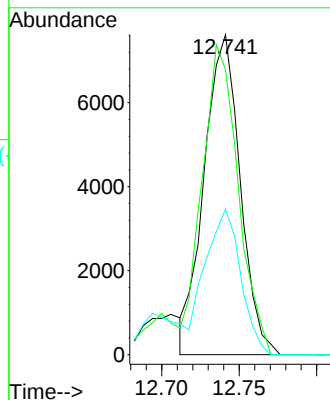
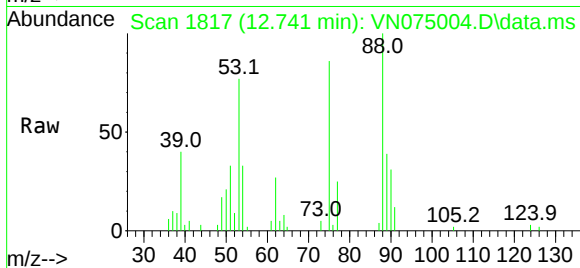
Tgt Ion: 75 Resp: 12317

Ion Ratio Lower Upper

75 100

53 89.1 51.8 155.5

89 45.5 22.9 68.7



#78

4-Chlorotoluene

Concen: 18.308 ug/l

RT: 13.223 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN075004.D

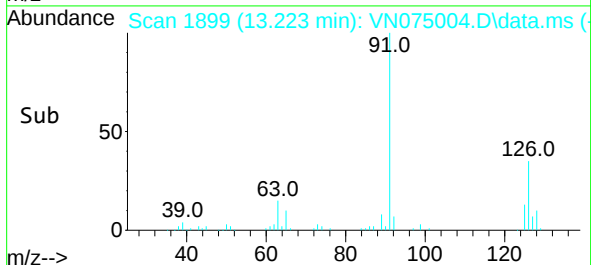
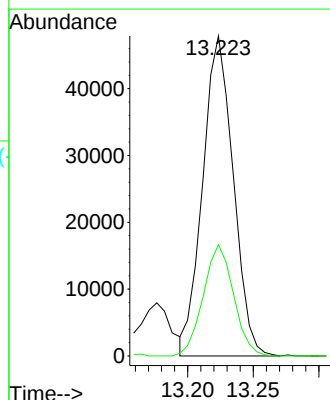
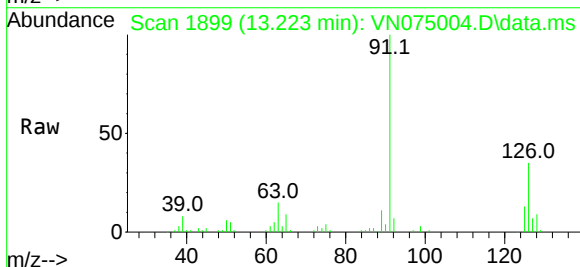
Acq: 25 Oct 2022 11:22

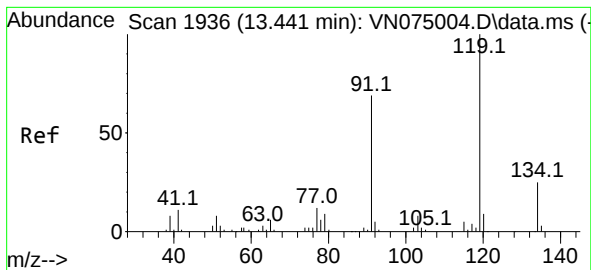
Tgt Ion: 91 Resp: 77625

Ion Ratio Lower Upper

91 100

126 34.4 0.0 70.6





#79

tert-butylbenzene

Concen: 19.075 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

Instrument :

MSVOA_N

ClientSampleId :

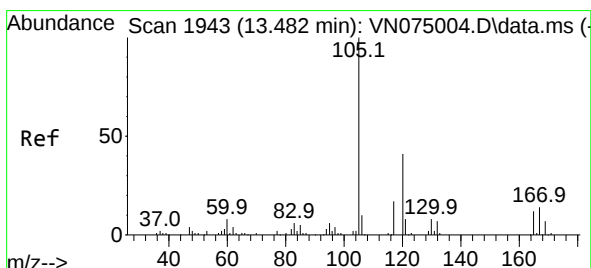
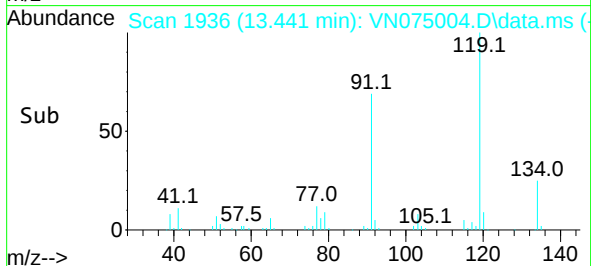
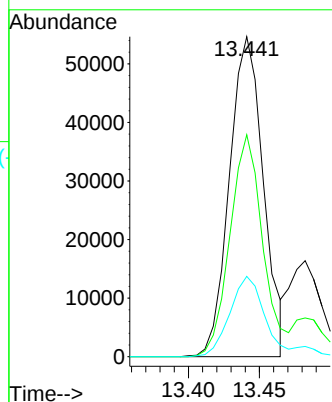
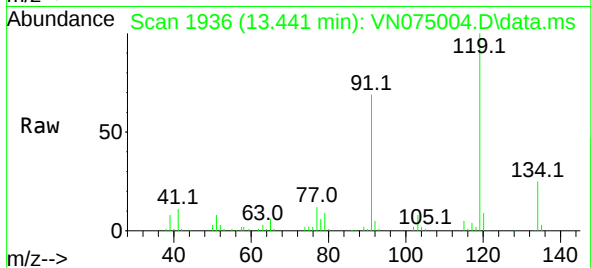
Tgt Ion:119 Resp: 90967

Ion Ratio Lower Upper

119 100

91 67.3 0.0 137.0

134 25.4 0.0 47.6



#80

1,2,4-Trimethylbenzene

Concen: 23.172 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.135 min

Lab File: VN075004.D

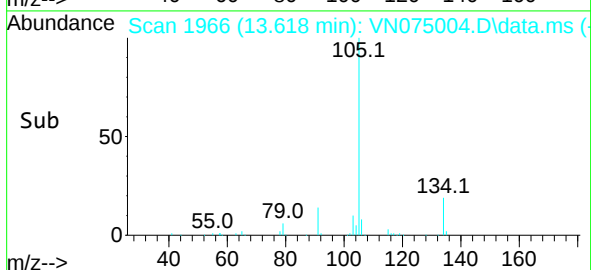
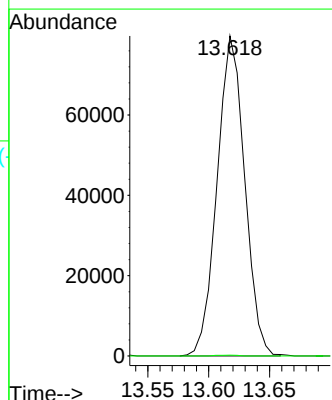
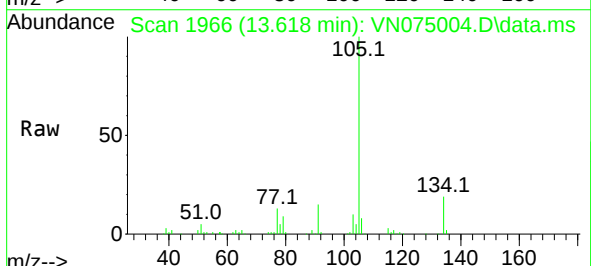
Acq: 25 Oct 2022 11:22

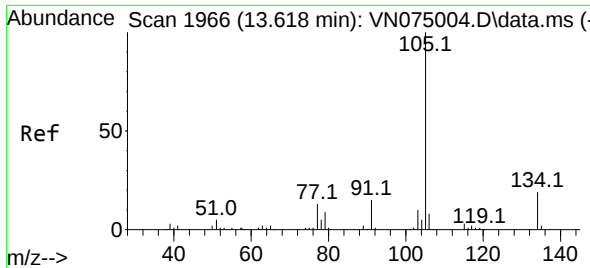
Tgt Ion:105 Resp: 125729

Ion Ratio Lower Upper

105 100

120 0.2 0.0 0.2

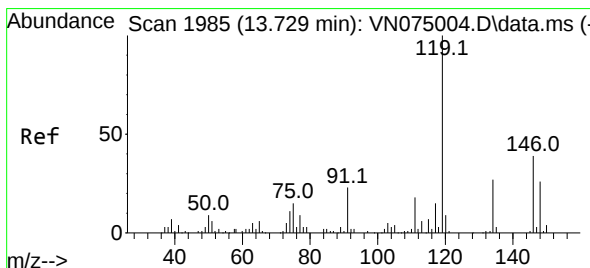
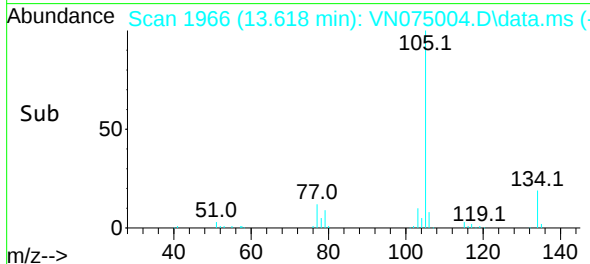
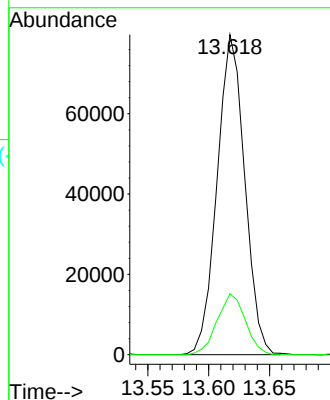
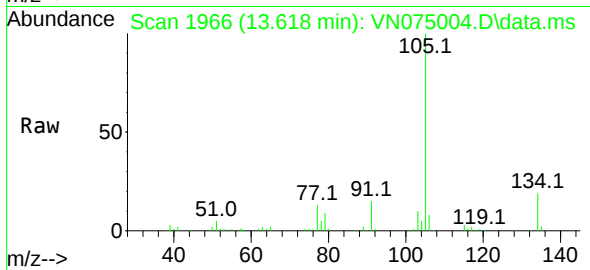




#81
 sec-Butylbenzene
 Concen: 22.198 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075004.D
 Acq: 25 Oct 2022 11:22

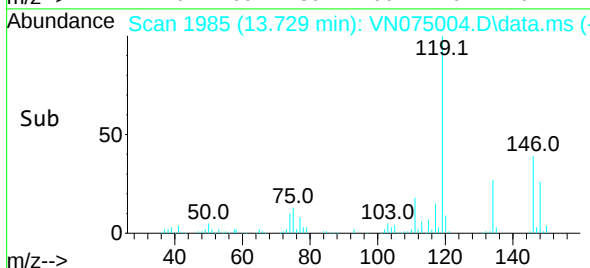
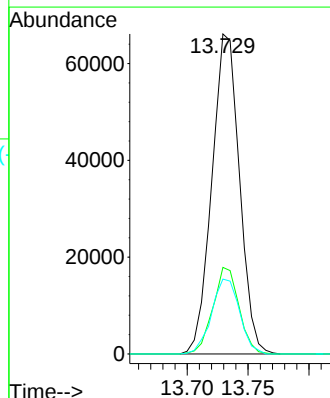
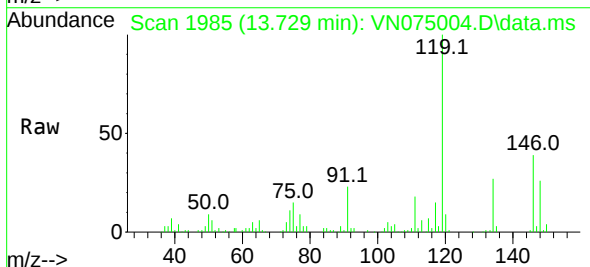
Instrument :
 MSVOA_N
 ClientSampleId :

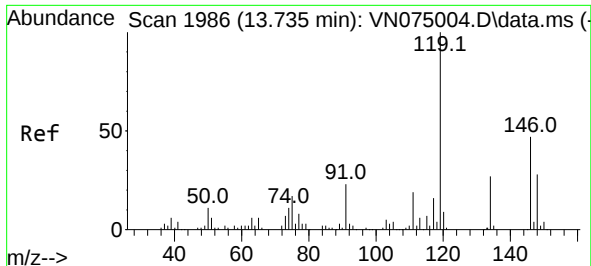
Tgt Ion:105 Resp: 125729
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 18.433 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075004.D
 Acq: 25 Oct 2022 11:22

Tgt Ion:119 Resp: 104255
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.8
 91 23.8 0.0 50.4

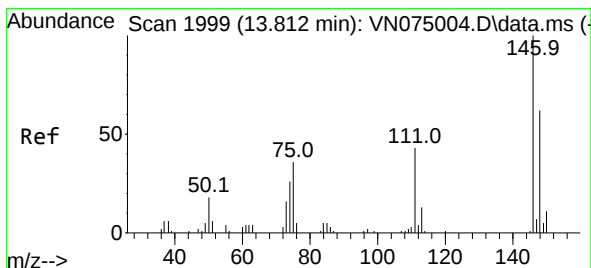
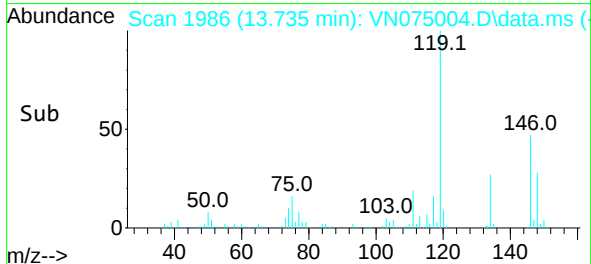
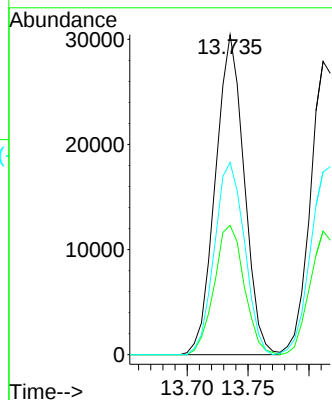
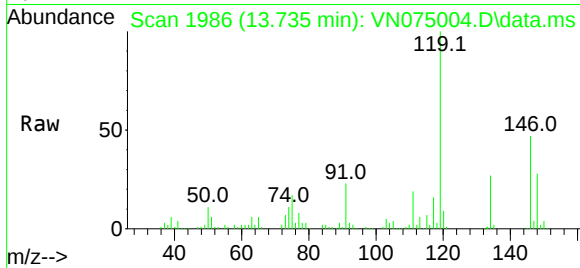




#83
1,3-Dichlorobenzene
Concen: 18.028 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

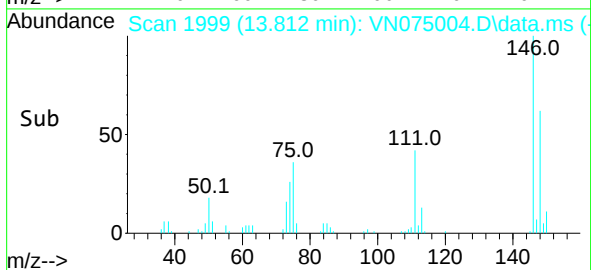
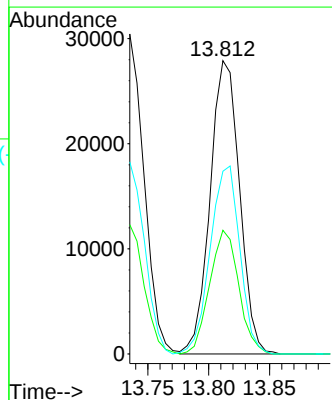
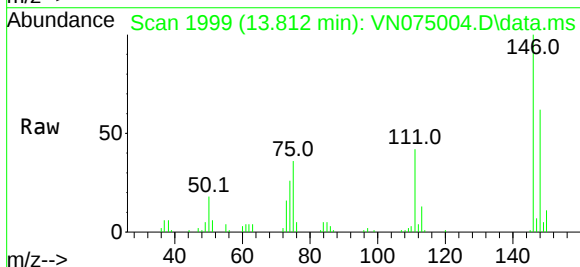
Instrument :
MSVOA_N
ClientSampleId :

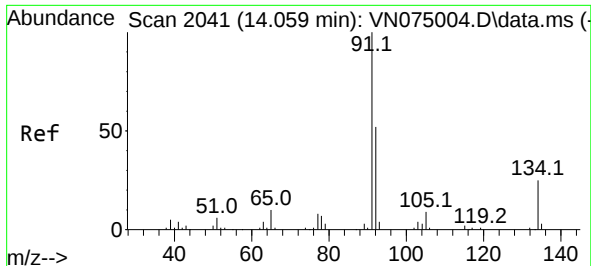
Tgt Ion:146 Resp: 50033
Ion Ratio Lower Upper
146 100
111 42.1 20.8 62.2
148 62.6 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 17.558 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion:146 Resp: 47013
Ion Ratio Lower Upper
146 100
111 41.7 19.5 58.5
148 64.5 31.1 93.5

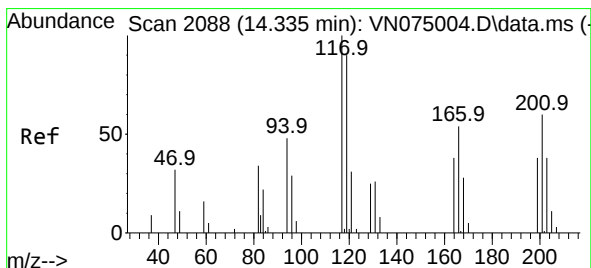
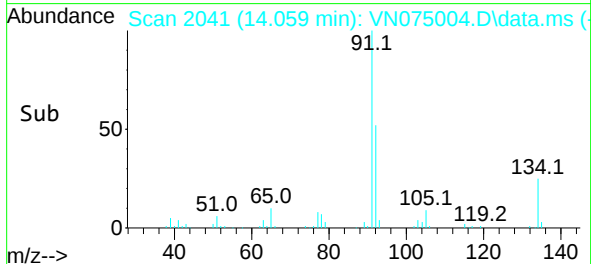
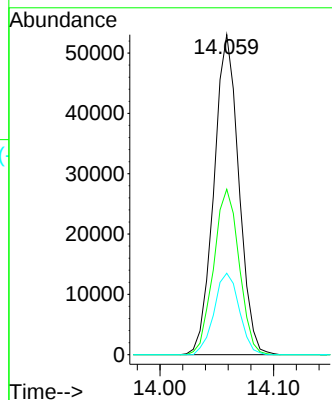
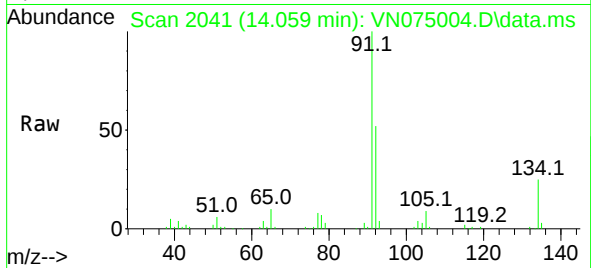




#85
n-Butylbenzene
Concen: 17.818 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

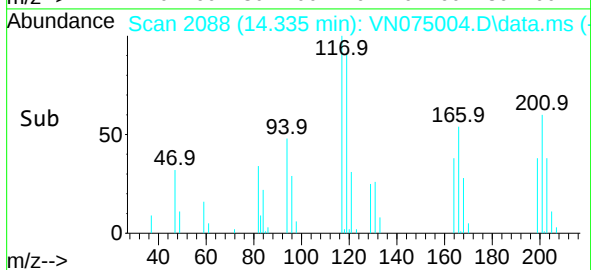
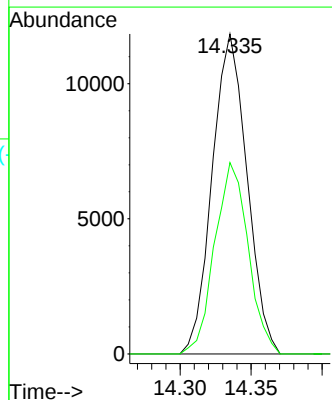
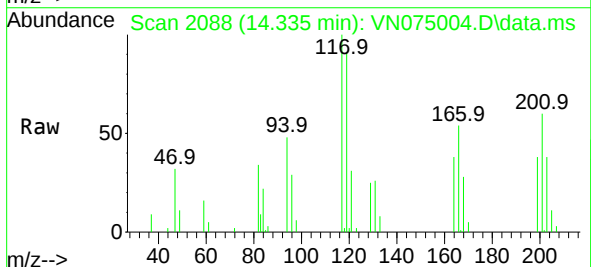
Instrument :
MSVOA_N
ClientSampleId :

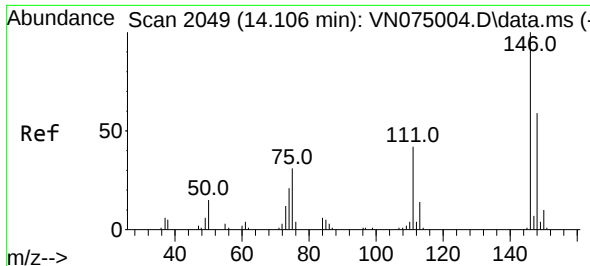
Tgt Ion: 91 Resp: 80829
Ion Ratio Lower Upper
91 100
92 53.0 0.0 100.6
134 25.7 0.0 50.2



#86
Hexachloroethane
Concen: 19.226 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075004.D
Acq: 25 Oct 2022 11:22

Tgt Ion: 117 Resp: 20151
Ion Ratio Lower Upper
117 100
201 57.6 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 18.477 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. 0.000 min

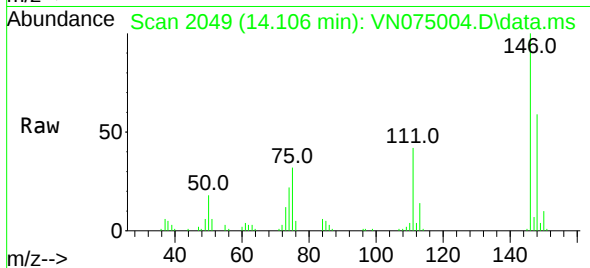
Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

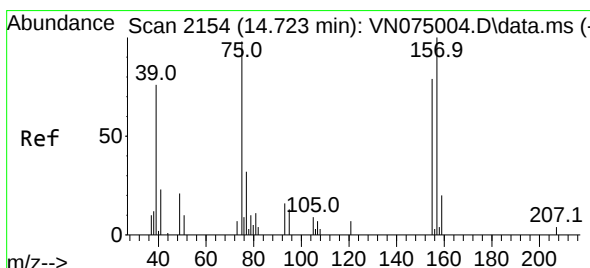
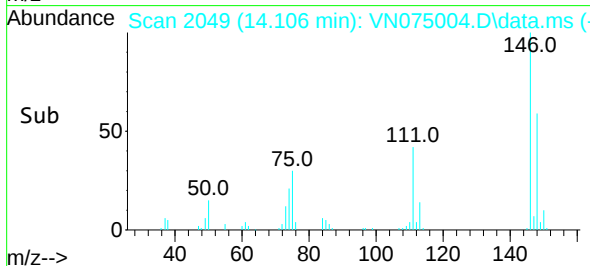
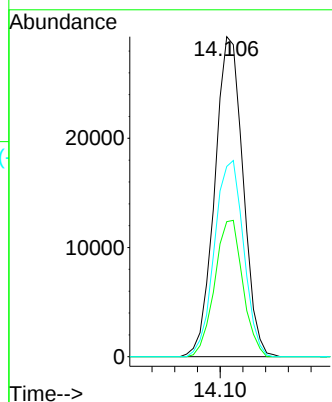
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	146	Resp:	50724
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.4	64.2
148	63.1	32.5	97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.843 ug/l

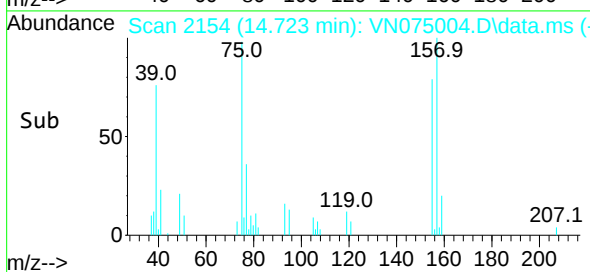
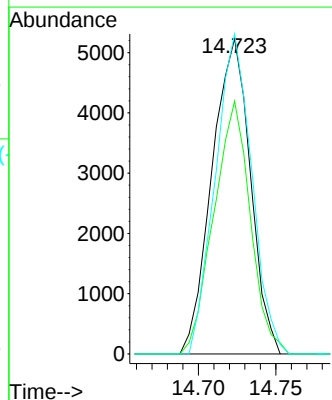
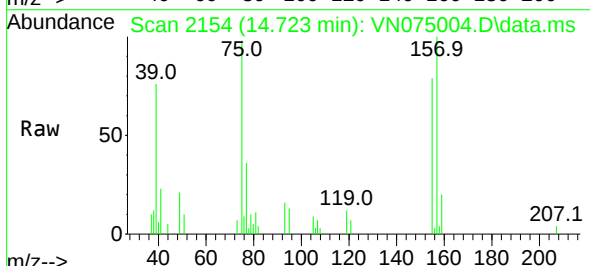
RT: 14.723 min Scan# 2154

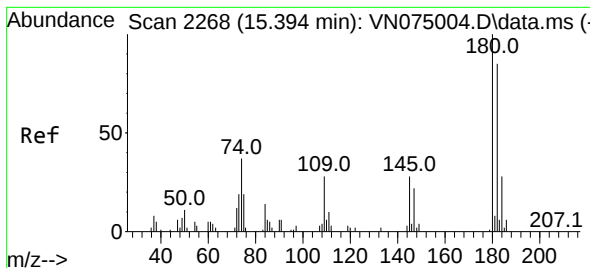
Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

Tgt Ion:	75	Resp:	8998
Ion Ratio	Lower	Upper	
75	100		
155	76.2	63.8	95.8
157	96.6	77.9	116.9





#89

1,2,4-Trichlorobenzene

Concen: 17.060 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

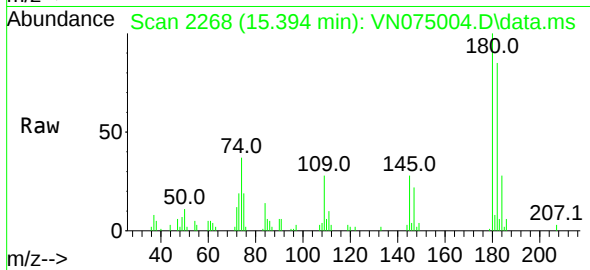
Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

Instrument :

MSVOA_N

ClientSampleId :



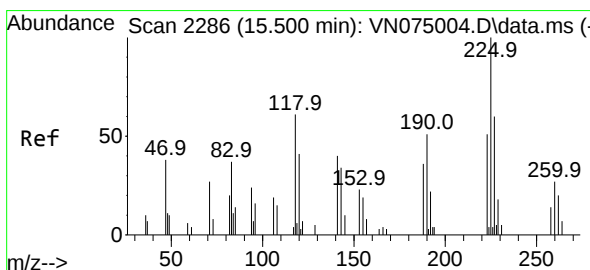
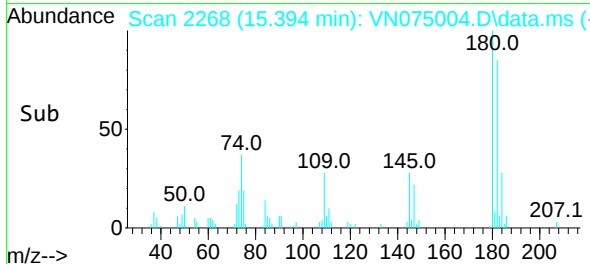
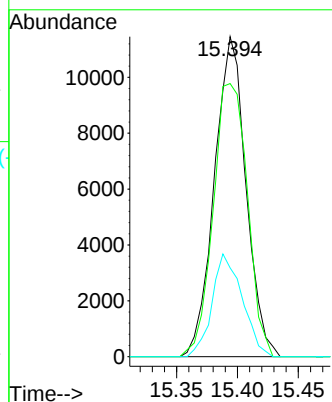
Tgt Ion:180 Resp: 20685

Ion Ratio Lower Upper

180 100

182 92.5 77.7 116.5

145 30.7 26.6 39.8



#90

Hexachlorobutadiene

Concen: 18.175 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

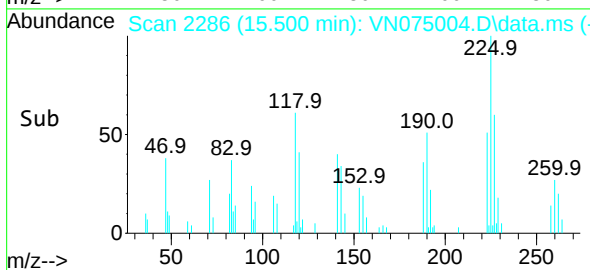
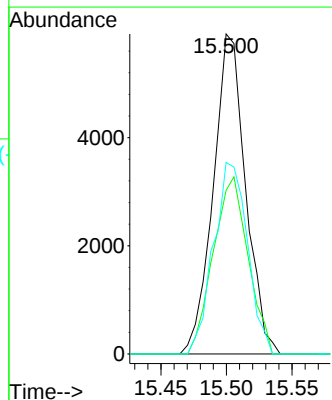
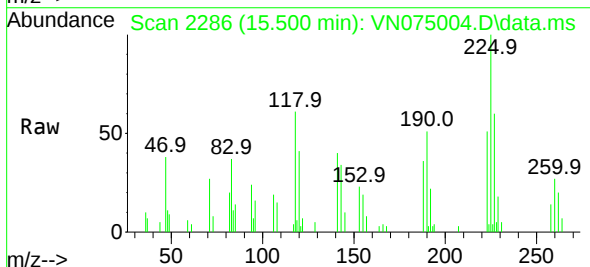
Tgt Ion:225 Resp: 10135

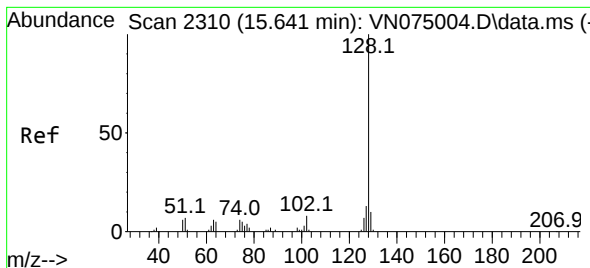
Ion Ratio Lower Upper

225 100

223 59.5 0.0 126.8

227 62.7 0.0 123.0





#91

Naphthalene

Concen: 17.459 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

Instrument :

MSVOA_N

ClientSampleId :

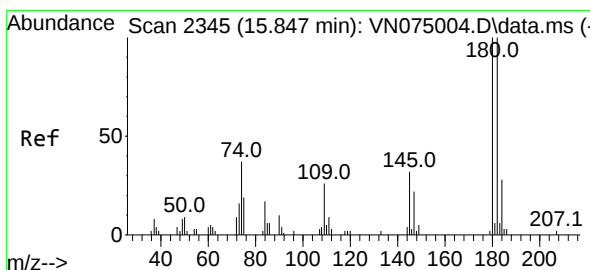
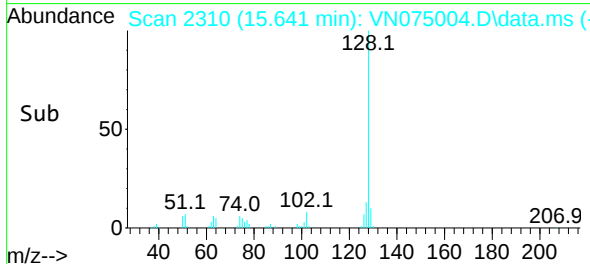
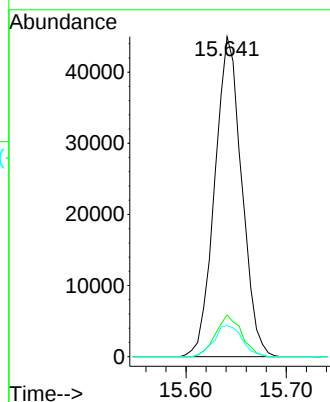
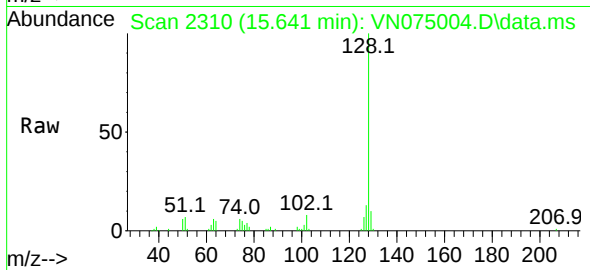
Tgt Ion:128 Resp: 83902

Ion Ratio Lower Upper

128 100

127 12.5 10.7 16.1

129 10.2 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 17.448 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.000 min

Lab File: VN075004.D

Acq: 25 Oct 2022 11:22

Tgt Ion:180 Resp: 21416

Ion Ratio Lower Upper

180 100

182 95.7 0.0 190.0

145 35.1 0.0 67.8

