

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075434.D
 Acq On : 25 Nov 2022 20:29
 Operator : JC\MD
 Sample : N5757-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT17411-20221121

Quant Time: Nov 28 03:39:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

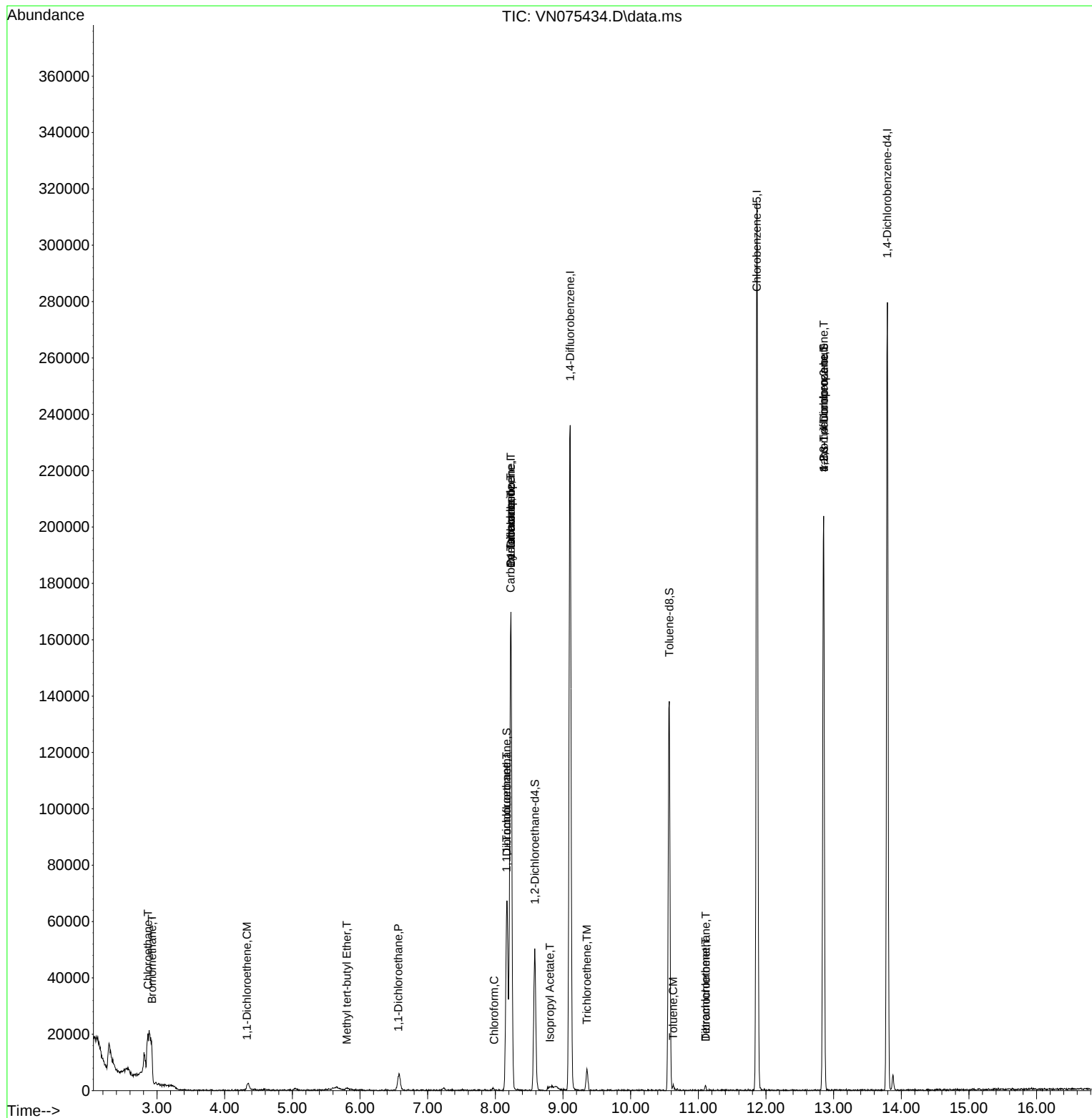
Internal Standards						
1) Pentafluorobenzene	8.229	168	129420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	222421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	193900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	39798	57.287	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.580%			
35) Dibromofluoromethane	8.171	113	48723	55.764	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.520%			
50) Toluene-d8	10.570	98	102644	52.159	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.320%			
62) 4-Bromofluorobenzene	12.853	95	71616	49.304	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.600%			
Target Compounds						Qvalue
5) Bromomethane	2.924	94	307	0.225	ug/l #	5
6) Chloroethane	2.865	64	22041	18.744	ug/l #	56
12) 1,1-Dichloroethene	4.330	96	505	0.421	ug/l #	59
18) Methyl Acetate	5.041	43	1145	Below Cal	#	58
19) Methyl tert-butyl Ether	5.806	73	912	0.215	ug/l #	56
24) 1,1-Dichloroethane	6.565	63	9042	3.982	ug/l #	92
30) Chloroform	7.982	83	690	0.265	ug/l #	18
31) Cyclohexane	8.229	56	2594	1.175	ug/l #	41
32) 1,1,1-Trichloroethane	8.165	97	1140	0.481	ug/l #	42
36) 1,1-Dichloropropene	8.229	75	9258	4.859	ug/l #	49
38) Carbon Tetrachloride	8.224	117	13275	6.342	ug/l #	17
43) Isopropyl Acetate	8.806	43	1118	0.406	ug/l #	53
44) Trichloroethene	9.353	130	2985	1.870	ug/l	91
52) Toluene	10.629	92	773	0.206	ug/l	91
60) Dibromochloromethane	11.112	129	428	0.272	ug/l #	11
64) Tetrachloroethene	11.106	164	387	0.261	ug/l #	83
76) 1,2,3-Trichloropropane	12.853	75	34843	22.860	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	34843	67.637	ug/l #	10

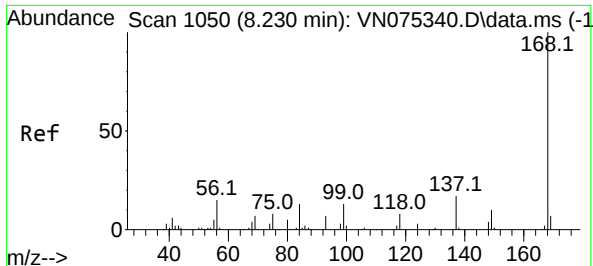
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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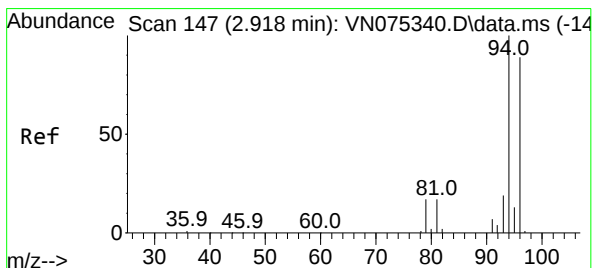
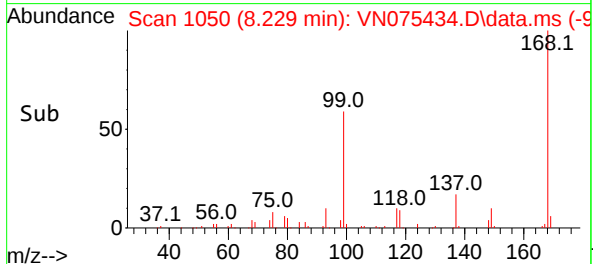
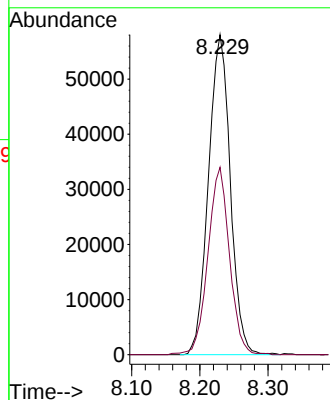
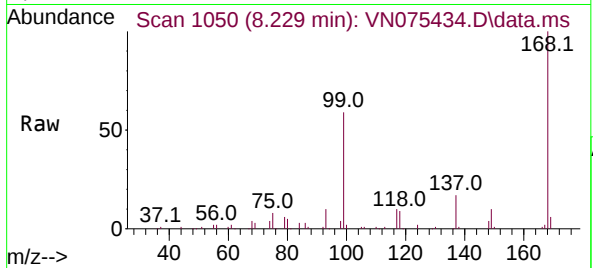




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

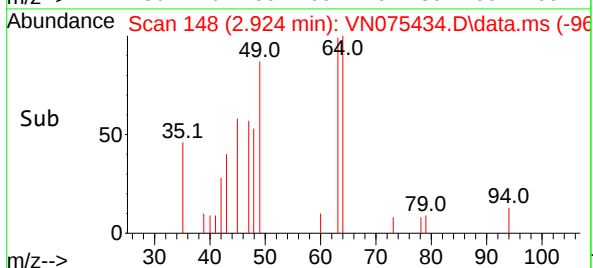
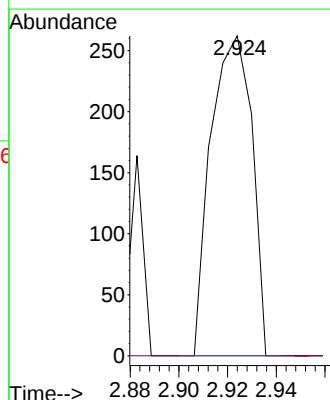
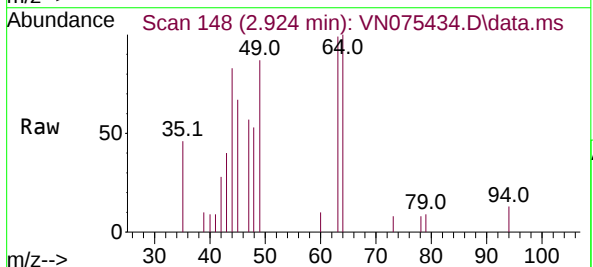
Instrument :
MSVOA_N
ClientSampleId :
TT17411-20221121

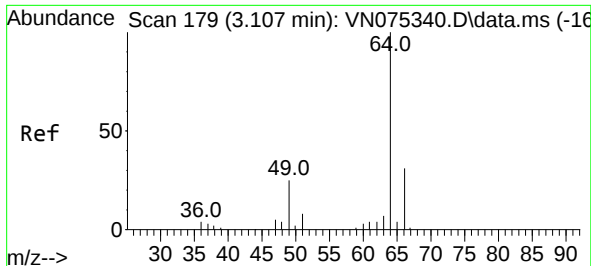
Tgt Ion:168 Resp: 129420
Ion Ratio Lower Upper
168 100
99 58.5 51.6 77.4



#5
Bromomethane
Concen: 0.225 ug/l
RT: 2.924 min Scan# 148
Delta R.T. 0.006 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

Tgt Ion: 94 Resp: 307
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

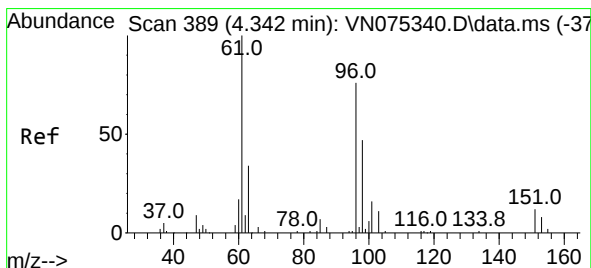
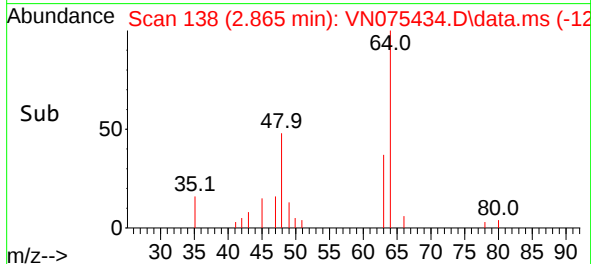
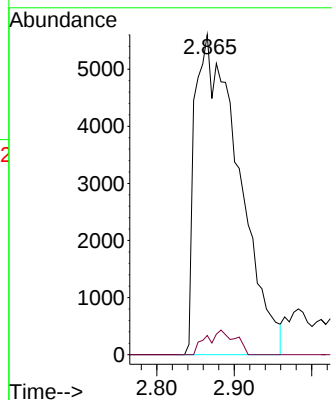
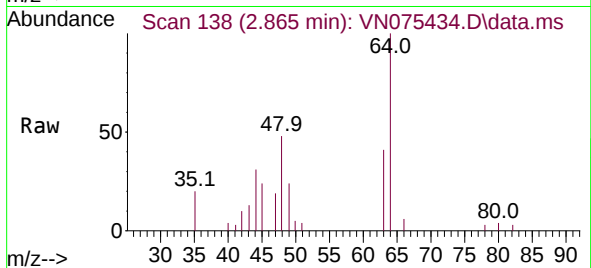




#6
Chloroethane
Concen: 18.744 ug/l
RT: 2.865 min Scan# 11
Delta R.T. -0.242 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

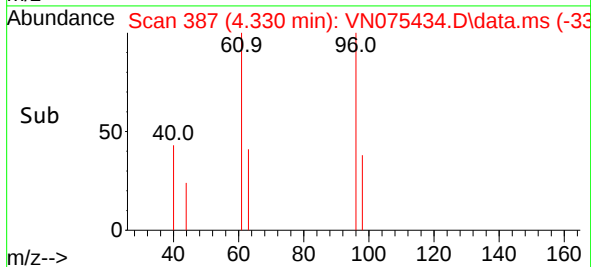
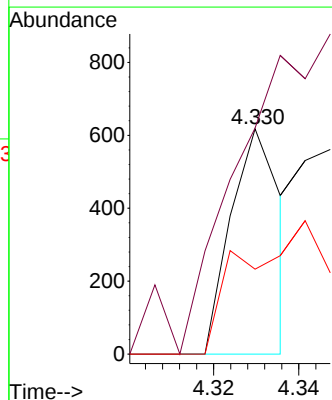
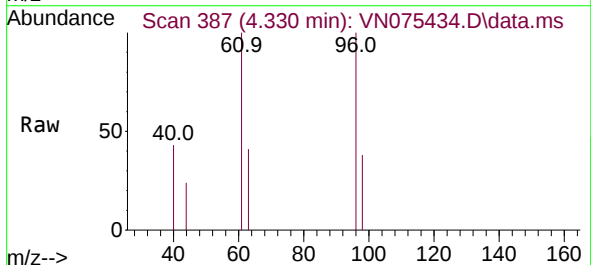
Instrument :
MSVOA_N
ClientSampleId :
TT174I1-20221121

Tgt Ion: 64 Resp: 22041
Ion Ratio Lower Upper
64 100
66 6.0 23.8 35.8#



#12
1,1-Dichloroethene
Concen: 0.421 ug/l
RT: 4.330 min Scan# 387
Delta R.T. -0.012 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

Tgt Ion: 96 Resp: 505
Ion Ratio Lower Upper
96 100
61 100.3 126.2 189.4#
98 37.7 51.5 77.3#

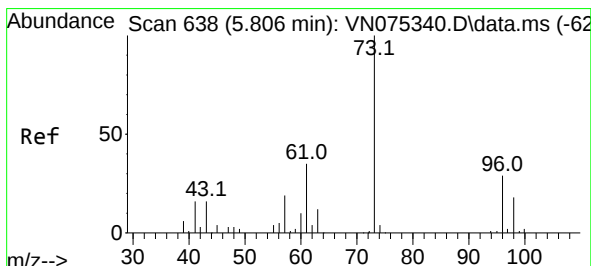
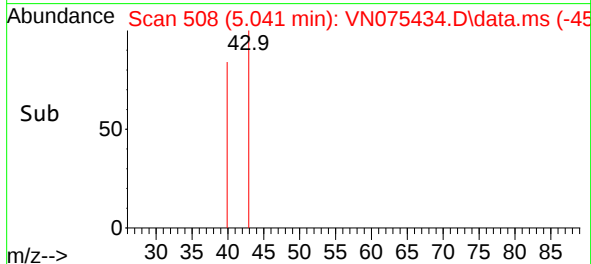
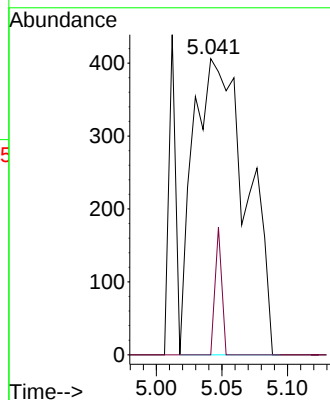
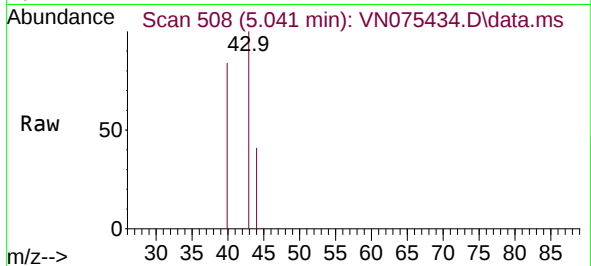




#18
Methyl Acetate
Concen: Below Cal
RT: 5.041 min Scan# 507
Delta R.T. 0.005 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

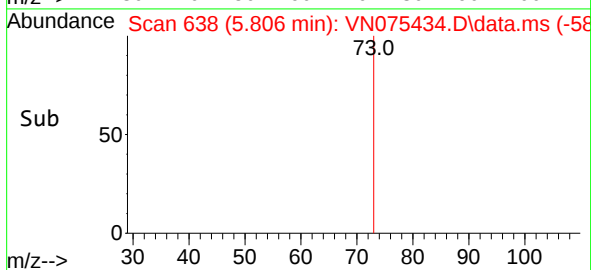
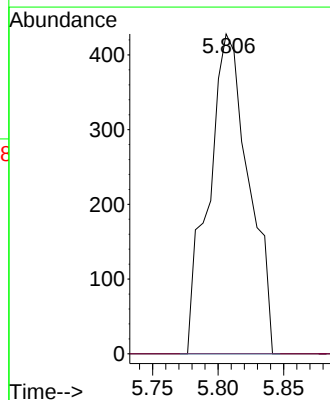
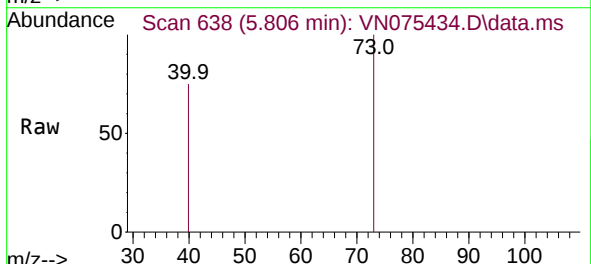
Instrument :
MSVOA_N
ClientSampleId :
TT17411-20221121

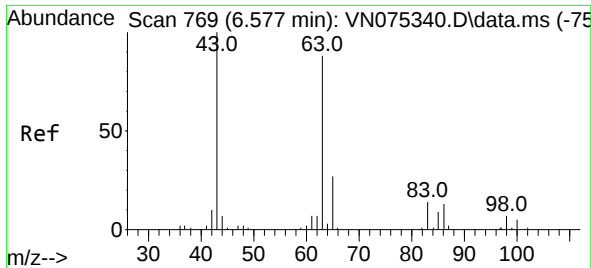
Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
74 5.4 22.0 33.0#



#19
Methyl tert-butyl Ether
Concen: 0.215 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

Tgt Ion: 73 Resp: 912
Ion Ratio Lower Upper
73 100
57 0.0 16.3 24.5#

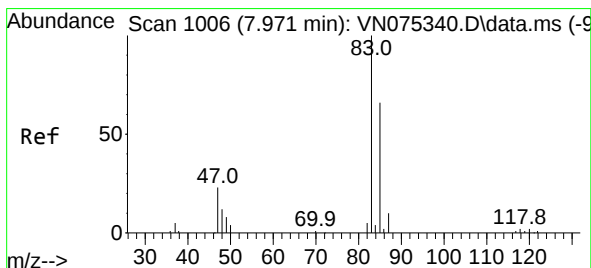
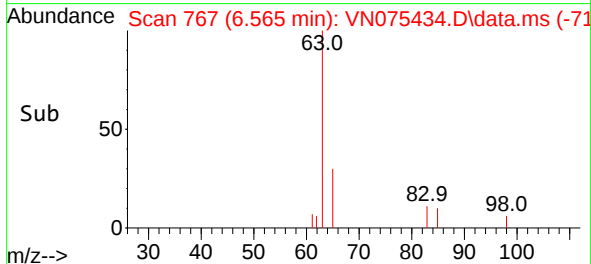
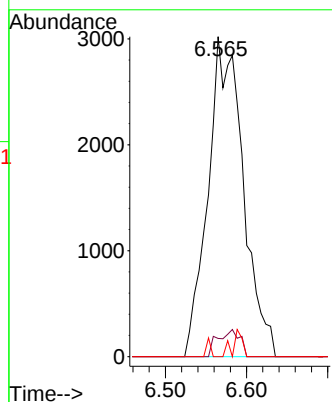
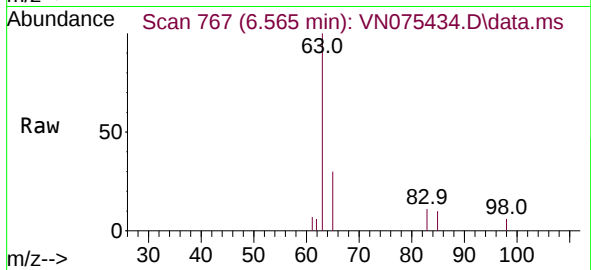




#24
1,1-Dichloroethane
Concen: 3.982 ug/l
RT: 6.565 min Scan# 7
Delta R.T. -0.012 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

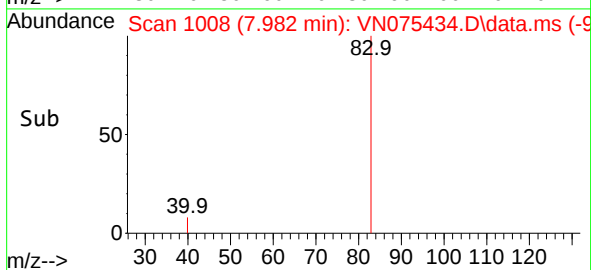
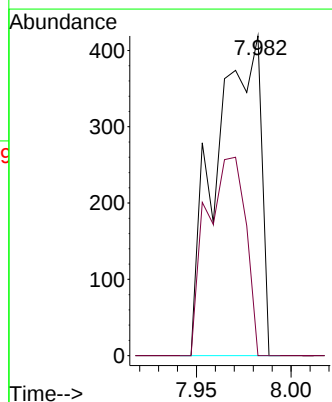
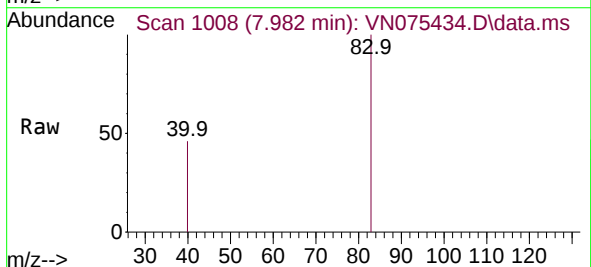
Instrument :
MSVOA_N
ClientSampleId :
TT17411-20221121

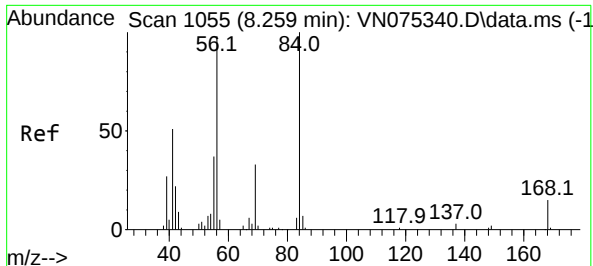
Tgt Ion: 63 Resp: 9042
Ion Ratio Lower Upper
63 100
98 5.7 3.6 10.8
100 0.0 2.4 7.2#



#30
Chloroform
Concen: 0.265 ug/l
RT: 7.982 min Scan# 1008
Delta R.T. 0.011 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

Tgt Ion: 83 Resp: 690
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.0#

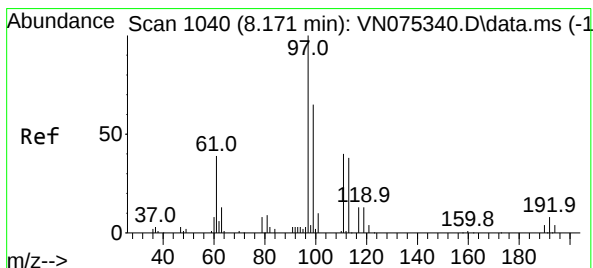
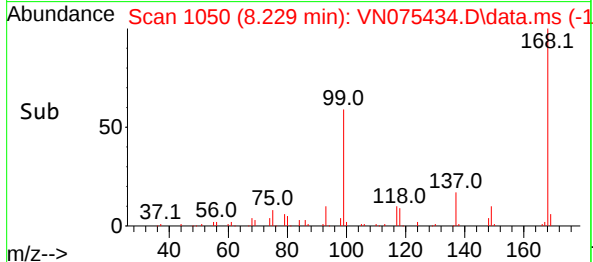
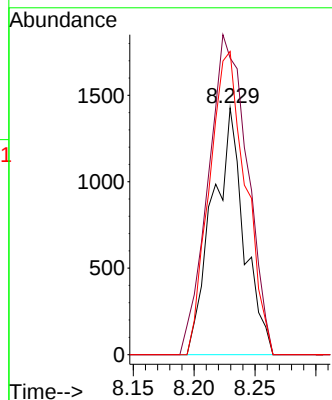
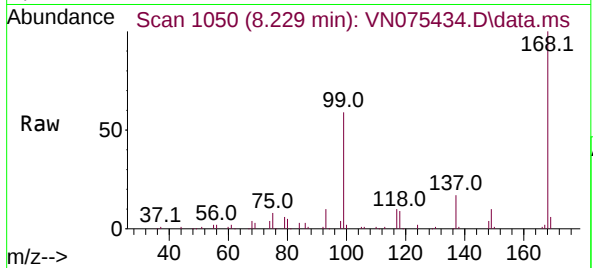




#31
Cyclohexane
Concen: 1.175 ug/l
RT: 8.229 min Scan# 1039
Delta R.T. -0.030 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

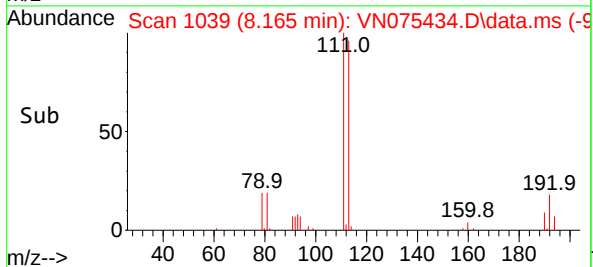
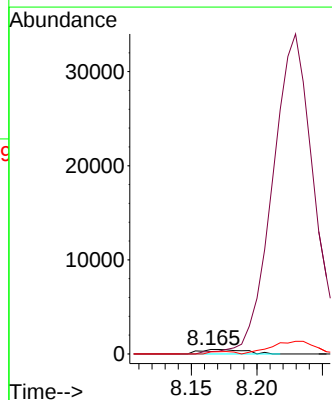
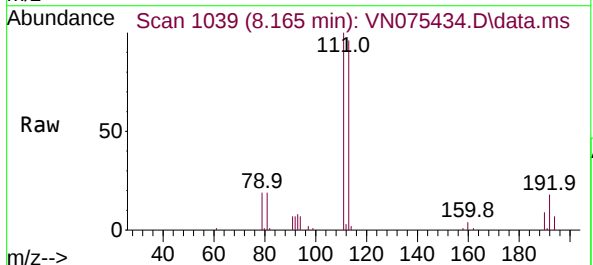
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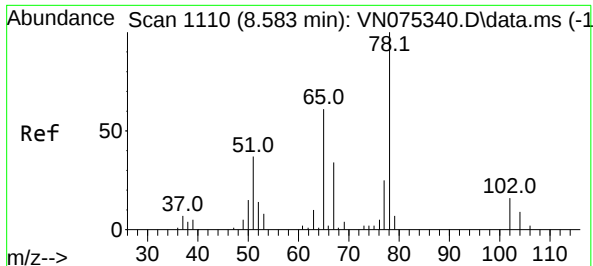
Tgt Ion: 56 Resp: 2594
Ion Ratio Lower Upper
56 100
69 120.2 25.2 37.8#
84 122.8 77.8 116.8#



#32
1,1,1-Trichloroethane
Concen: 0.481 ug/l
RT: 8.165 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

Tgt Ion: 97 Resp: 1140
Ion Ratio Lower Upper
97 100
99 0.0 50.2 75.2#
61 28.9 37.0 55.6#





#33

1,2-Dichloroethane-d4

Concen: 57.287 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075434.D

Acq: 25 Nov 2022 20:29

Instrument :

MSVOA_N

ClientSampleId :

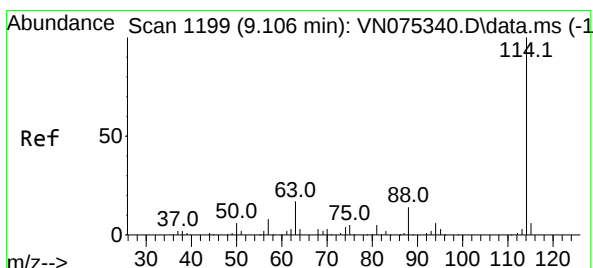
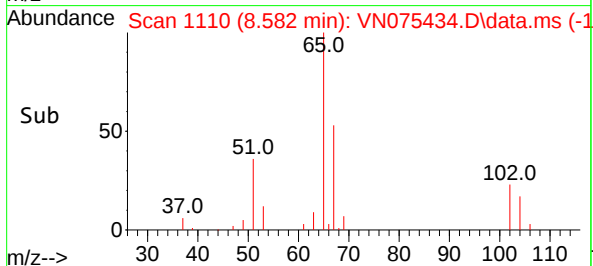
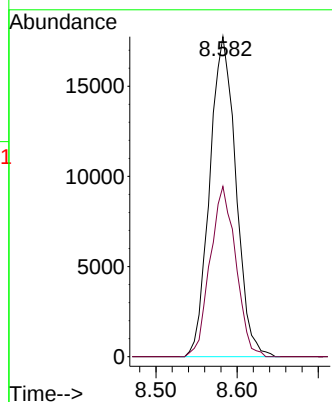
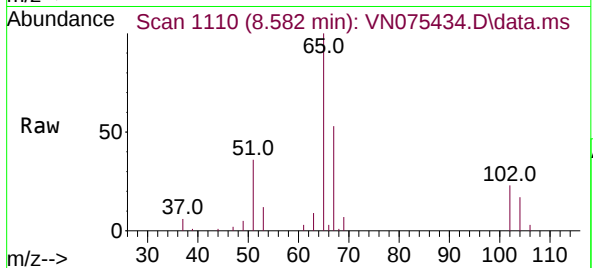
TT17411-20221121

Tgt Ion: 65 Resp: 39798

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075434.D

Acq: 25 Nov 2022 20:29

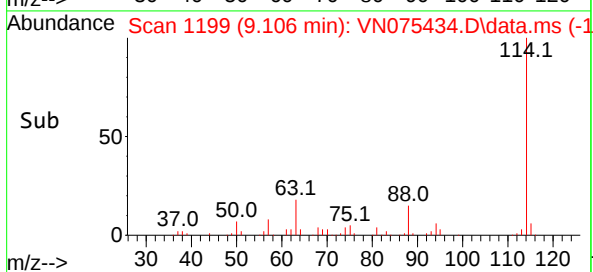
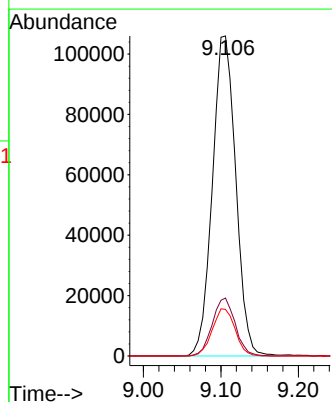
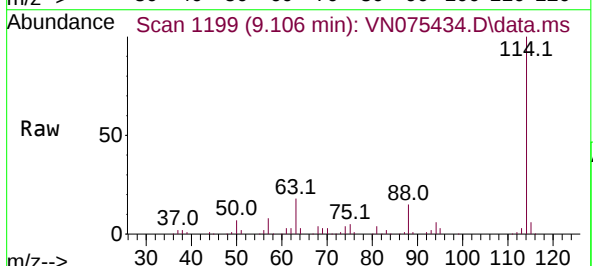
Tgt Ion:114 Resp: 222421

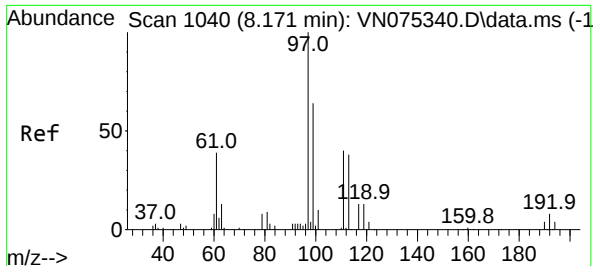
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 14.6 0.0 29.0

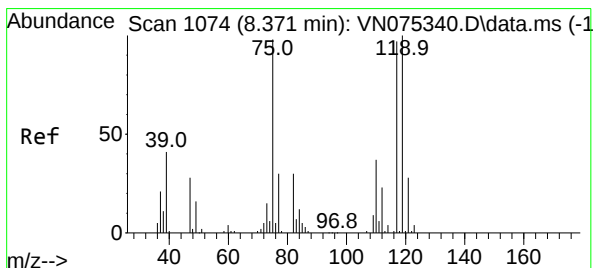
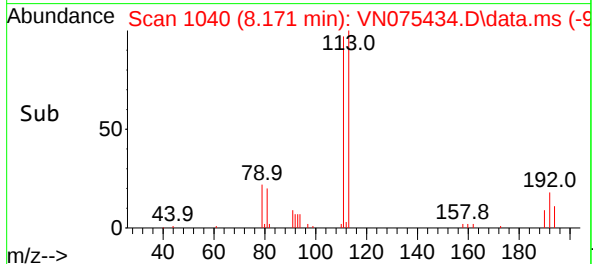
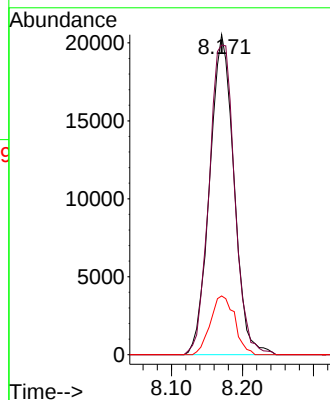
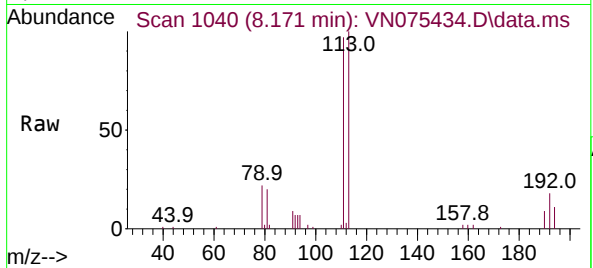




#35
Dibromofluoromethane
Concen: 55.764 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

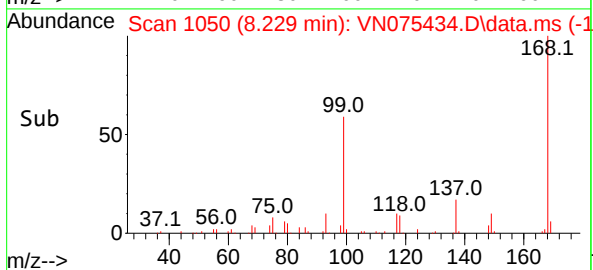
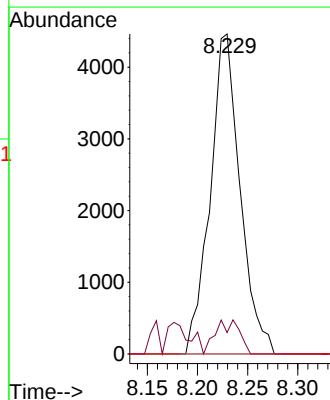
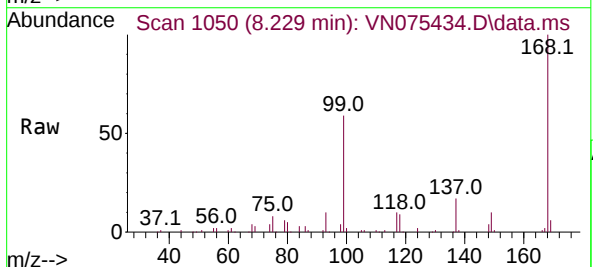
Instrument :
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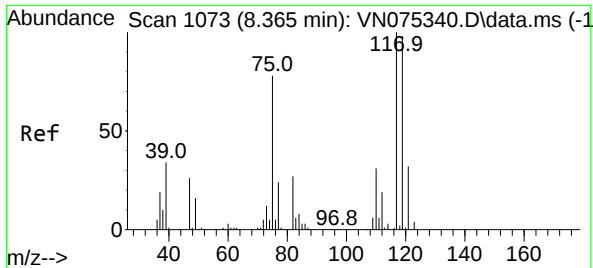
Tgt Ion:113 Resp: 48723
Ion Ratio Lower Upper
113 100
111 101.6 80.5 120.7
192 18.3 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.859 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.142 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

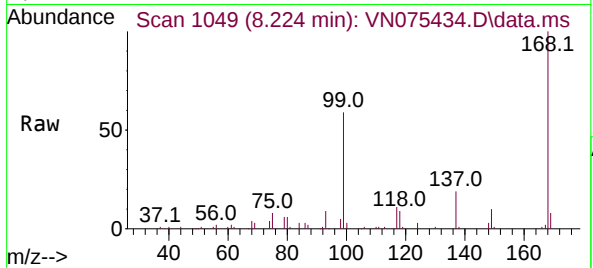
Tgt Ion: 75 Resp: 9258
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 24.6 37.0#



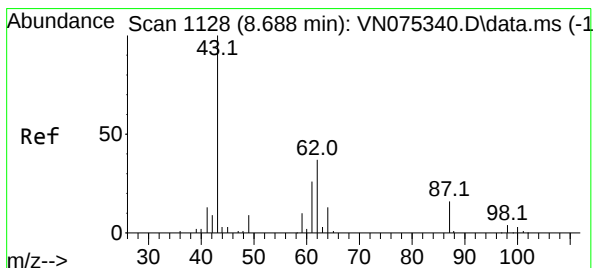
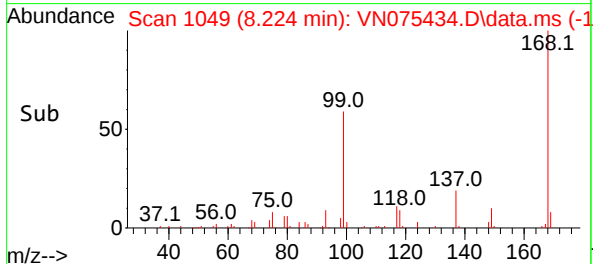
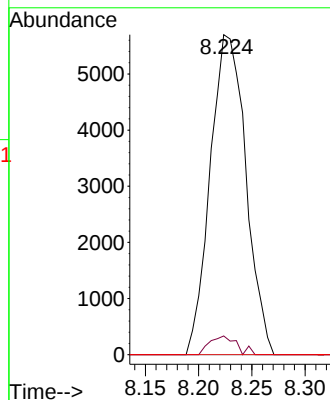


#38
Carbon Tetrachloride
Concen: 6.342 ug/l
RT: 8.224 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

Instrument :
MSVOA_N
ClientSampleId :
TT17411-20221121

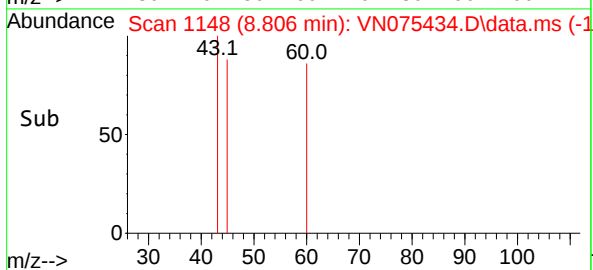
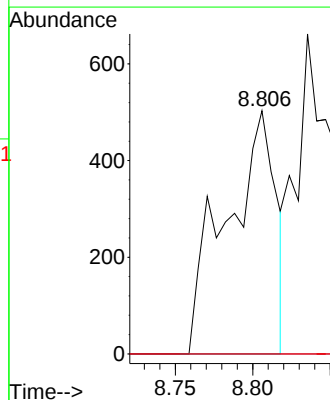
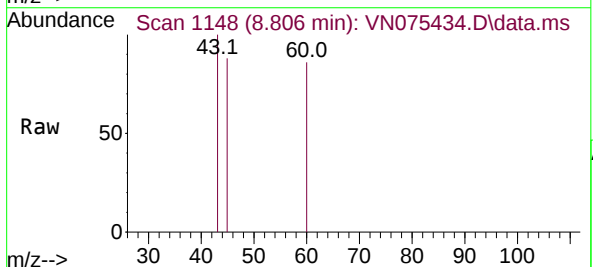


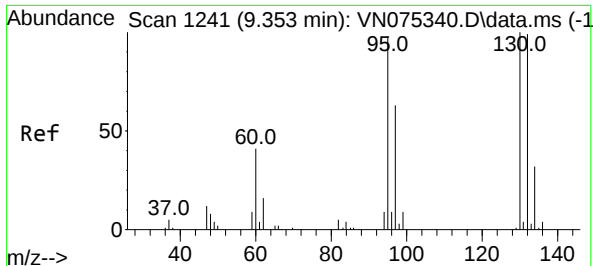
Tgt Ion:117 Resp: 13275
Ion Ratio Lower Upper
117 100
119 5.9 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.406 ug/l
RT: 8.806 min Scan# 1148
Delta R.T. 0.118 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

Tgt Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

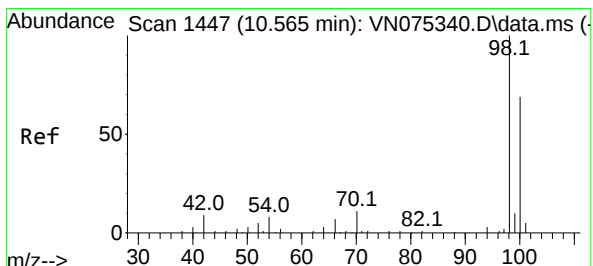
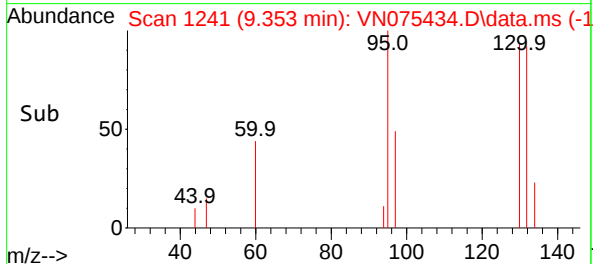
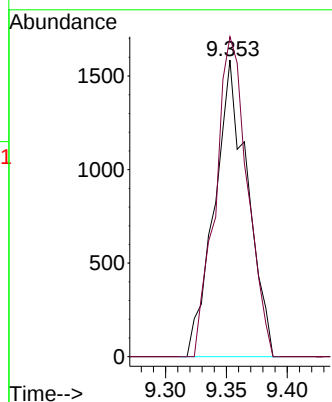
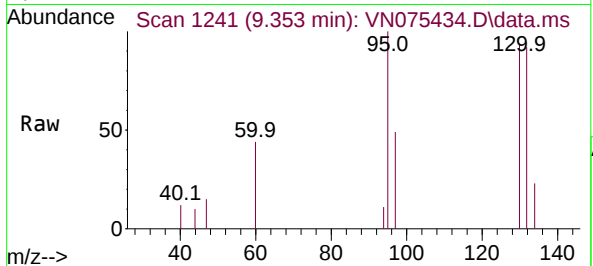




#44
Trichloroethene
Concen: 1.870 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

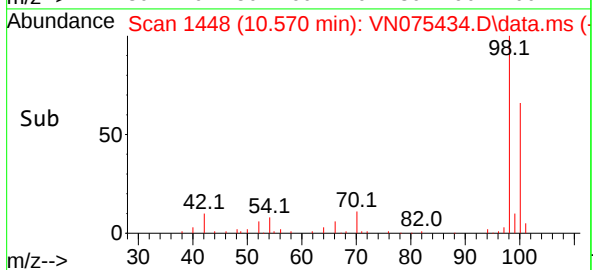
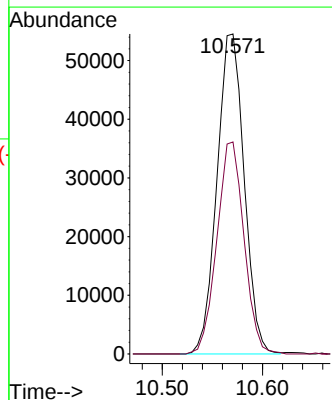
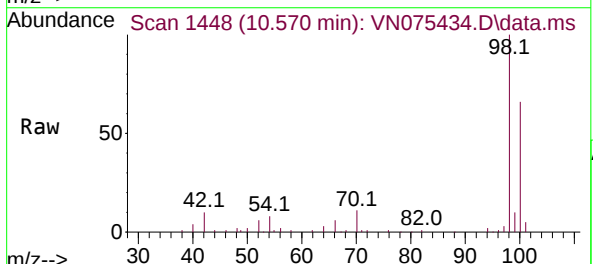
Instrument :
MSVOA_N
ClientSampleId :
TT17411-20221121

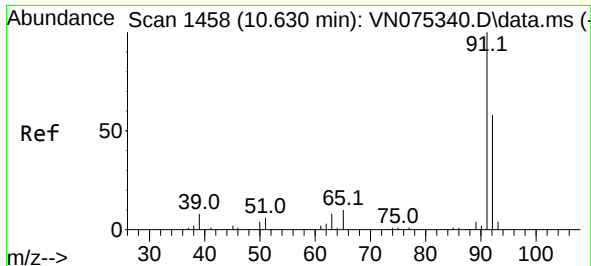
Tgt Ion:130 Resp: 2985
Ion Ratio Lower Upper
130 100
95 107.9 0.0 198.4



#50
Toluene-d8
Concen: 52.159 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. 0.005 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

Tgt Ion: 98 Resp: 102644
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6

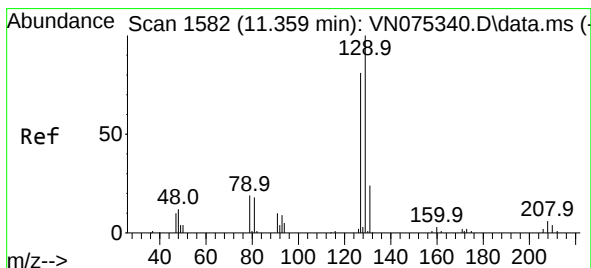
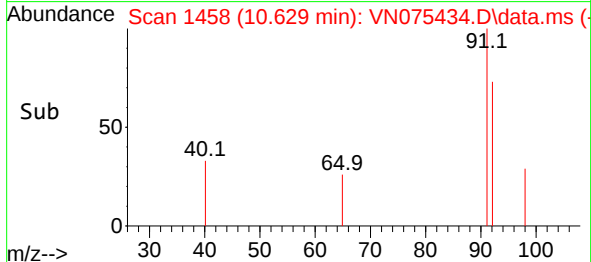
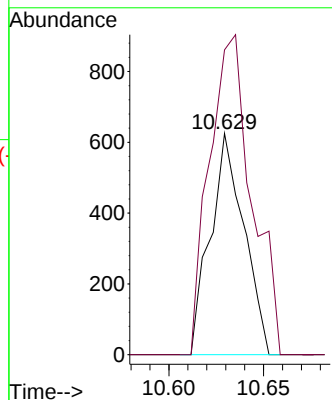
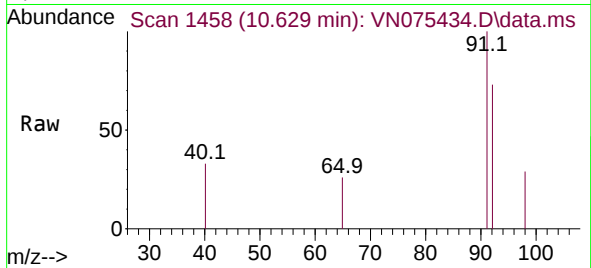




#52
Toluene
Concen: 0.206 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

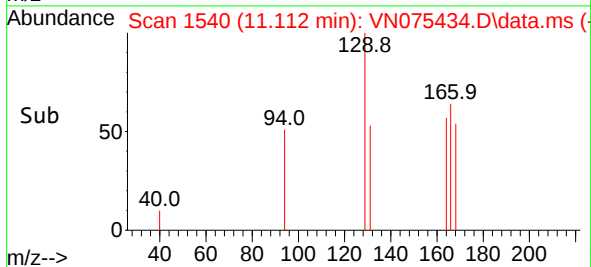
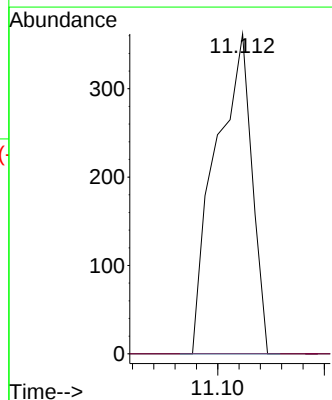
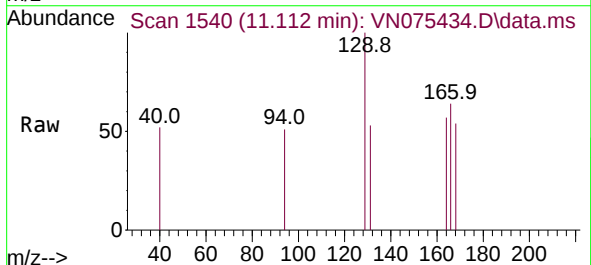
Instrument :
MSVOA_N
ClientSampleId :
TT17411-20221121

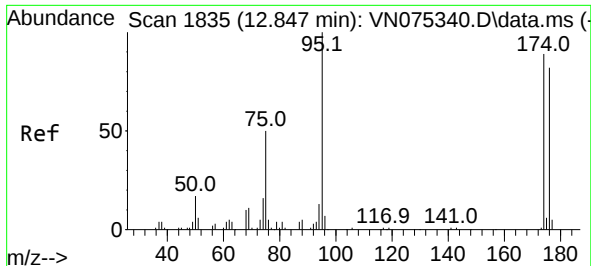
Tgt Ion: 92 Resp: 773
Ion Ratio Lower Upper
92 100
91 181.6 135.4 203.2



#60
Dibromochloromethane
Concen: 0.272 ug/l
RT: 11.112 min Scan# 1540
Delta R.T. -0.247 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

Tgt Ion: 129 Resp: 428
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

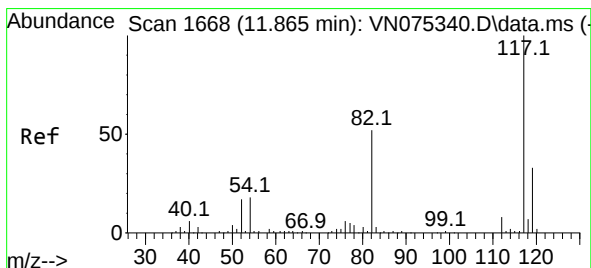
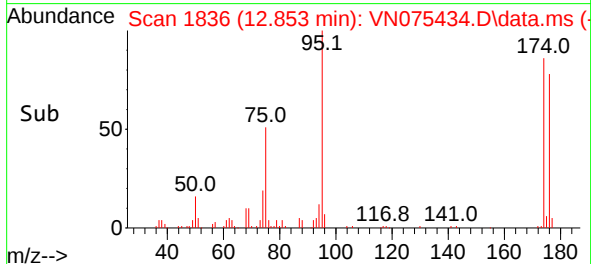
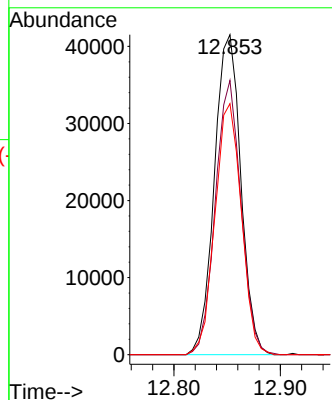
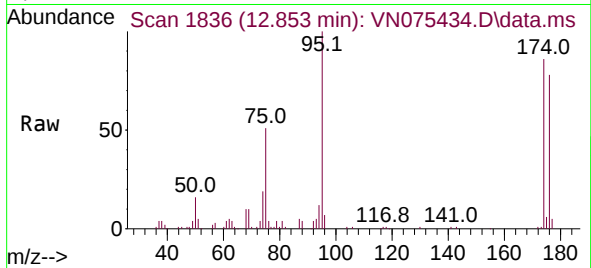




#62
4-Bromofluorobenzene
Concen: 49.304 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

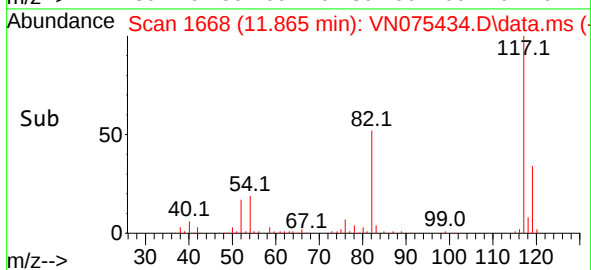
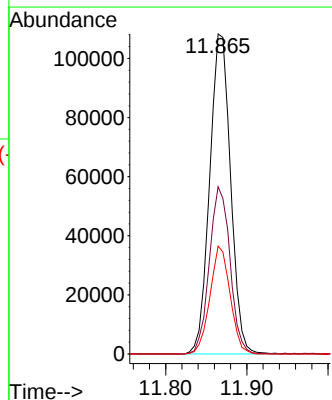
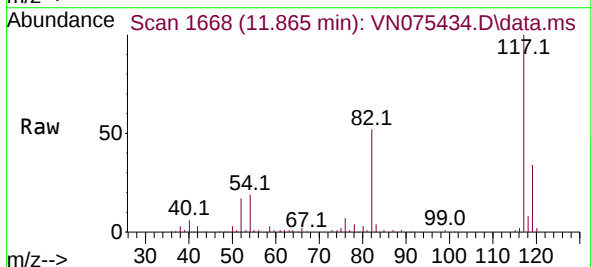
Instrument :
MSVOA_N
ClientSampleId :
TT17411-20221121

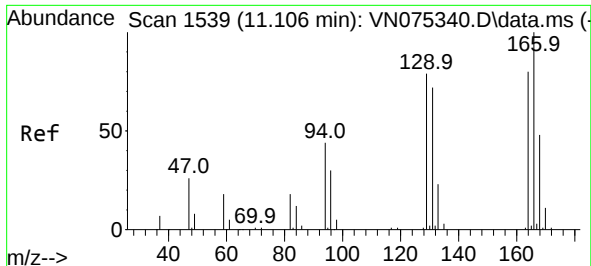
Tgt Ion: 95 Resp: 71616
Ion Ratio Lower Upper
95 100
174 82.9 0.0 147.4
176 78.2 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

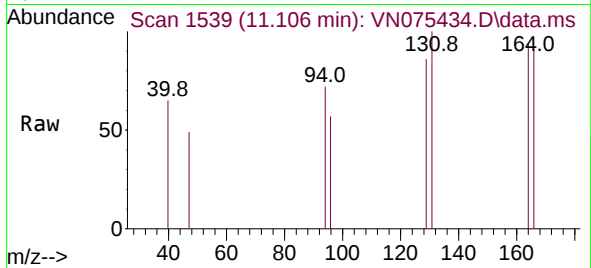
Tgt Ion: 117 Resp: 193900
Ion Ratio Lower Upper
117 100
82 52.2 43.1 64.7
119 33.7 25.5 38.3



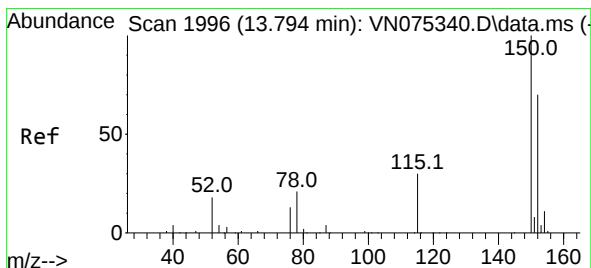
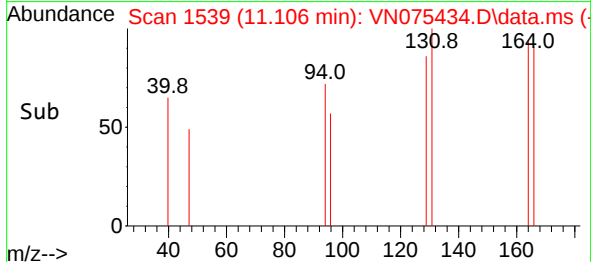
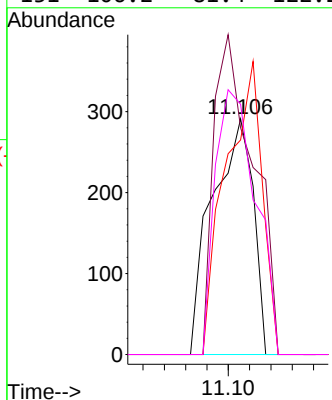


#64
Tetrachloroethene
Concen: 0.261 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

Instrument :
MSVOA_N
ClientSampleId :
TT17411-20221121

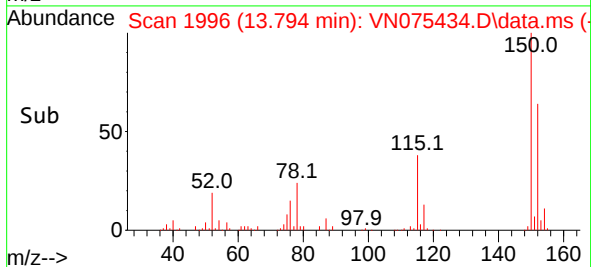
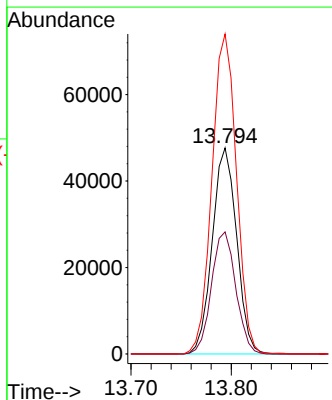
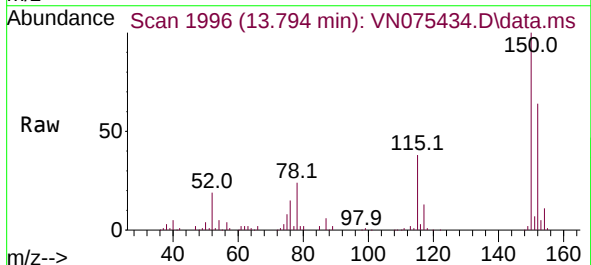


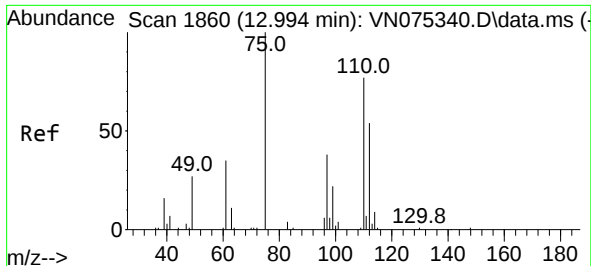
Tgt Ion:164 Resp: 387
Ion Ratio Lower Upper
164 100
166 96.2 106.5 159.7#
129 91.1 81.9 122.9
131 106.2 81.4 122.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

Tgt Ion:152 Resp: 80614
Ion Ratio Lower Upper
152 100
115 59.0 30.2 90.6
150 156.1 0.0 348.4

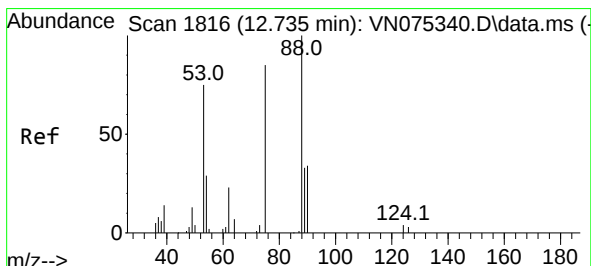
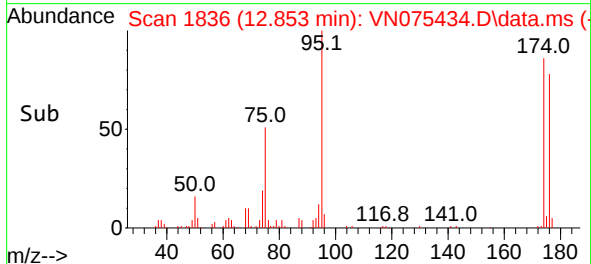
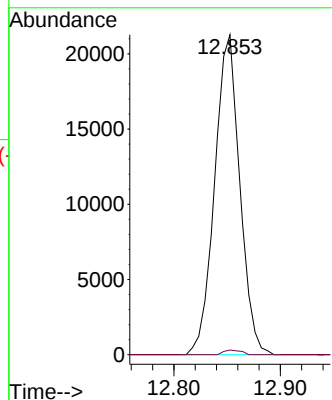
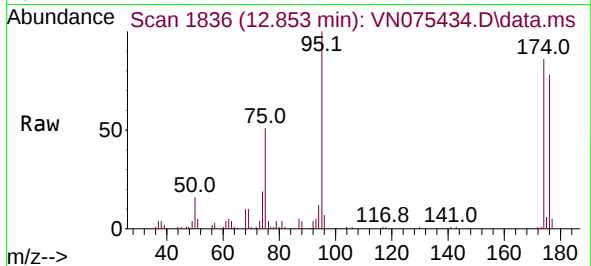




#76
1,2,3-Trichloropropane
Concen: 22.860 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

Instrument :
MSVOA_N
ClientSampleId :
TT17411-20221121

Tgt Ion: 75 Resp: 34843
Ion Ratio Lower Upper
75 100
77 1.0 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.637 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075434.D
Acq: 25 Nov 2022 20:29

Tgt Ion: 75 Resp: 34843
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

