

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075449.D
 Acq On : 28 Nov 2022 15:24
 Operator : JC\MD
 Sample : N5786-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Nov 29 05:32:20 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)

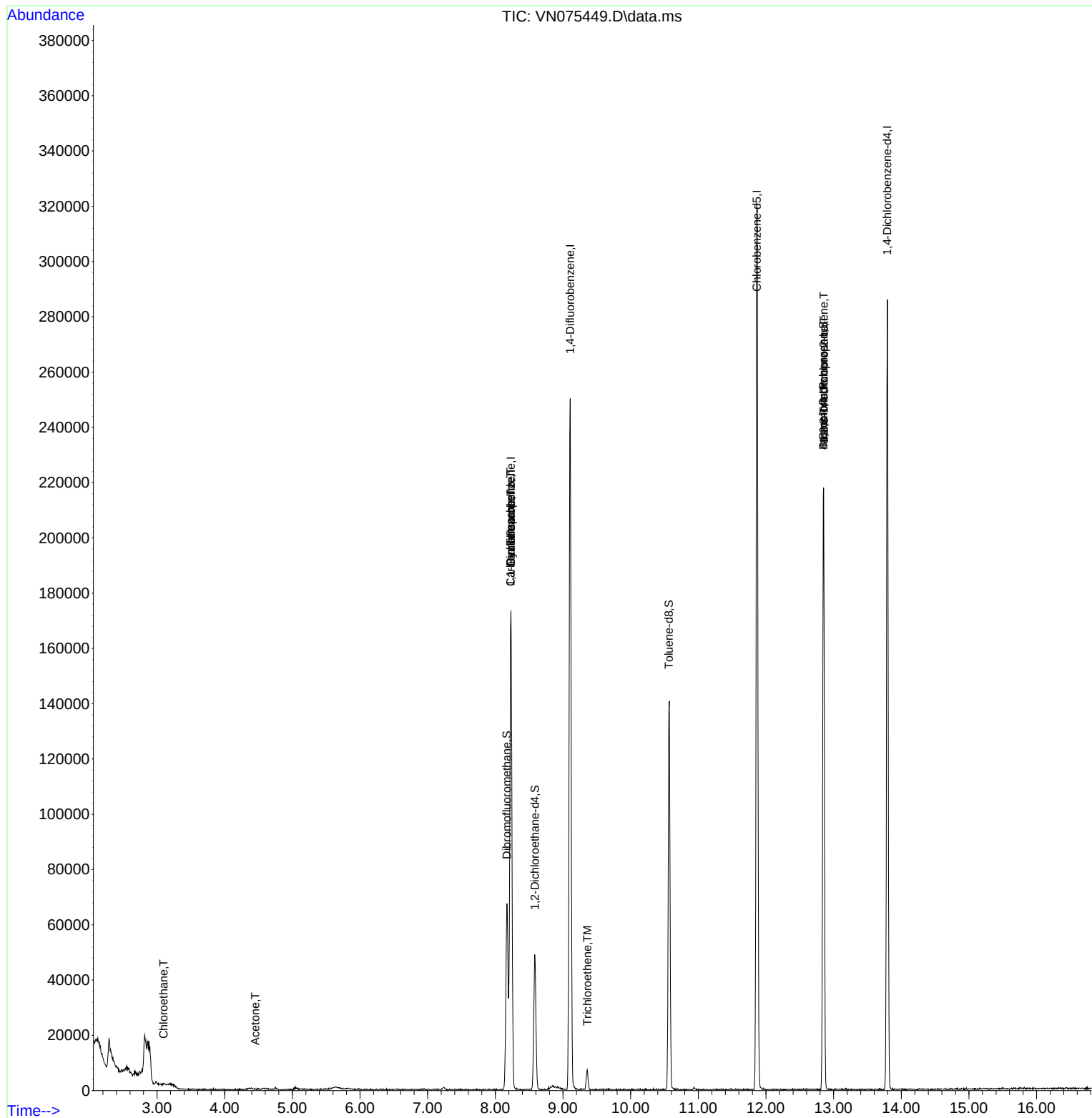
Internal Standards						
1) Pentafluorobenzene	8.229	168	131283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	229841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	200605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	39289	55.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.500%	
35) Dibromofluoromethane	8.171	113	48229	53.416	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.840%	
50) Toluene-d8	10.565	98	101156	49.743	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.480%	
62) 4-Bromofluorobenzene	12.847	95	76455	50.936	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.880%	
Target Compounds						Qvalue
6) Chloroethane	3.095	64	249	0.209	ug/l #	18
16) Acetone	4.453	43	139	0.211	ug/l #	43
18) Methyl Acetate	5.030	43	579	Below Cal	#	89
31) Cyclohexane	8.229	56	2275	1.016	ug/l #	7
36) 1,1-Dichloropropene	8.224	75	10567	5.367	ug/l #	49
38) Carbon Tetrachloride	8.224	117	13490	6.237	ug/l #	16
44) Trichloroethene	9.359	130	2774	1.682	ug/l	85
71) Bromoform	12.847	173	305	0.259	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	37688	24.952	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	37688	73.828	ug/l #	10

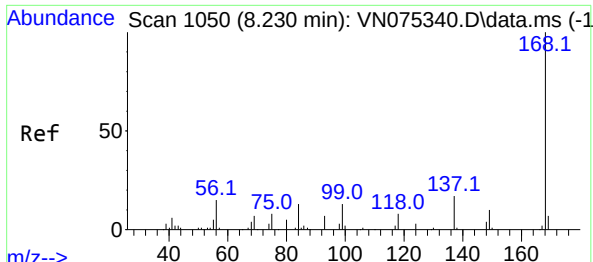
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

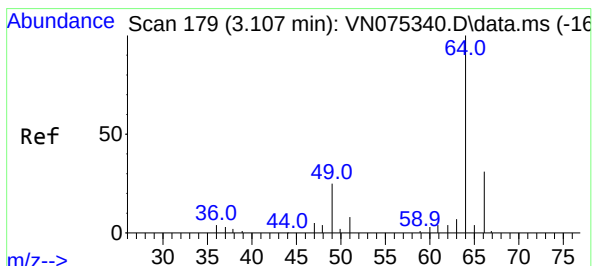
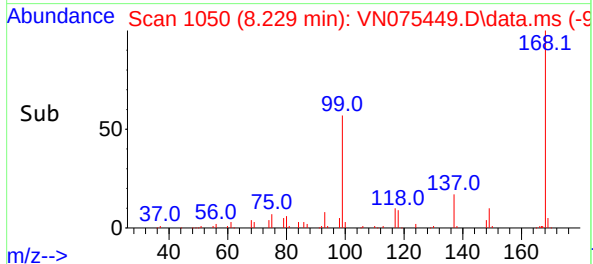
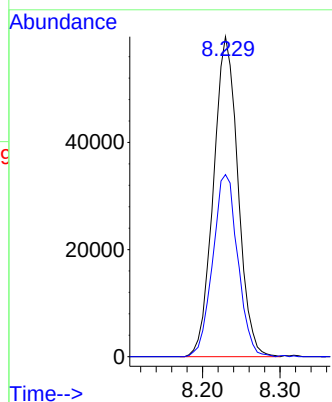
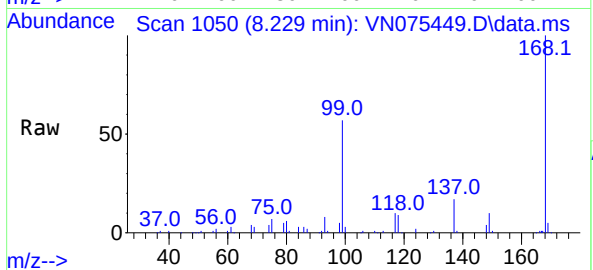




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

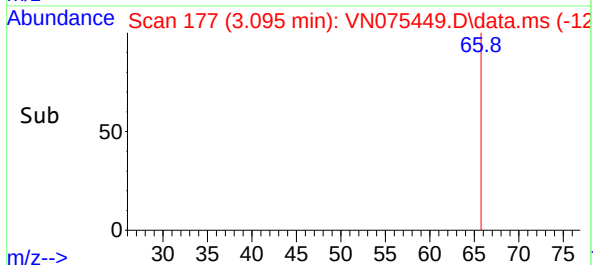
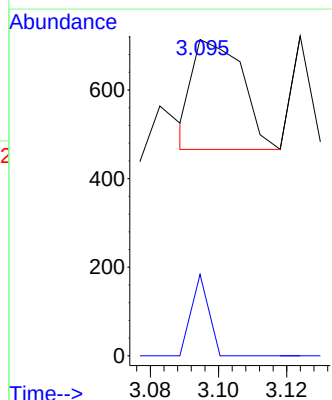
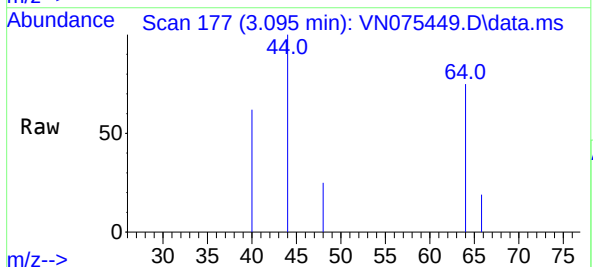
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

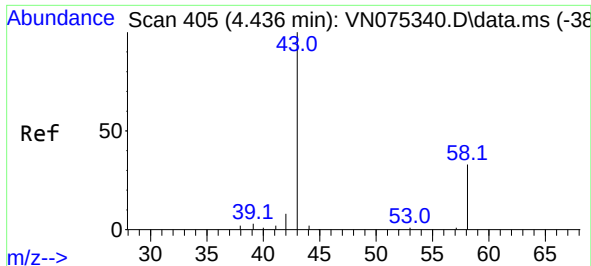
Tgt Ion:168 Resp: 131283
Ion Ratio Lower Upper
168 100
99 56.9 51.6 77.4



#6
Chloroethane
Concen: 0.209 ug/l
RT: 3.095 min Scan# 177
Delta R.T. -0.012 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

Tgt Ion: 64 Resp: 249
Ion Ratio Lower Upper
64 100
66 74.2 23.8 35.8#

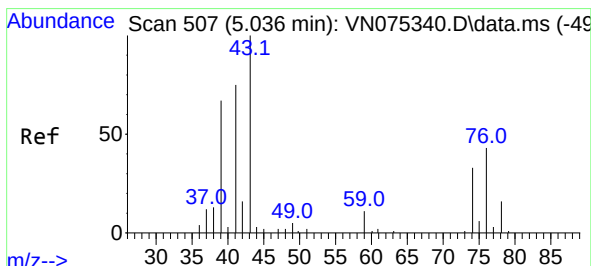
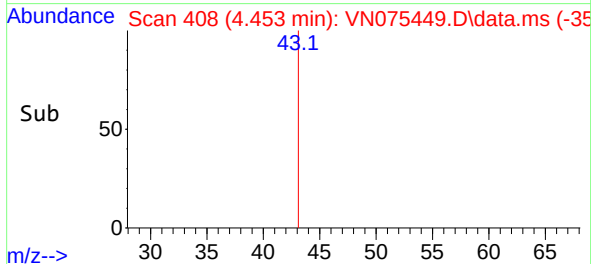
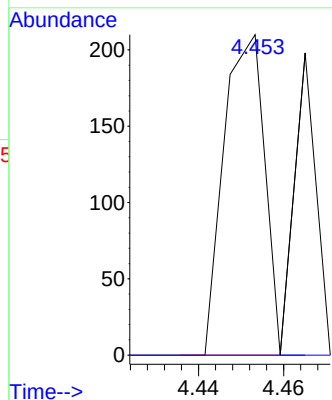
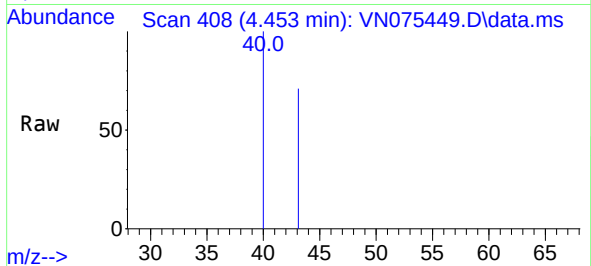




#16
Acetone
Concen: 0.211 ug/l
RT: 4.453 min Scan# 405
Delta R.T. 0.017 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

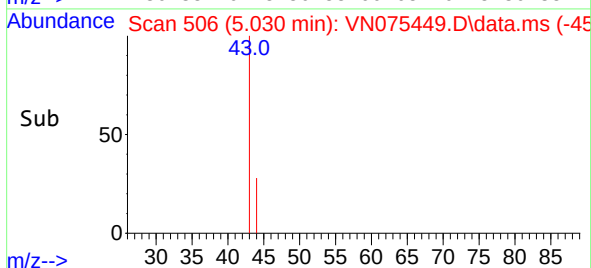
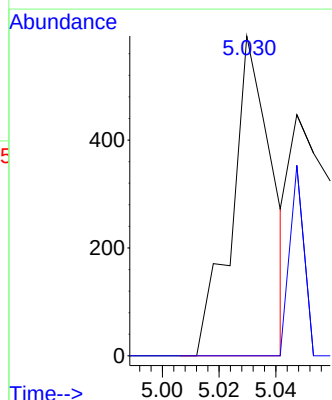
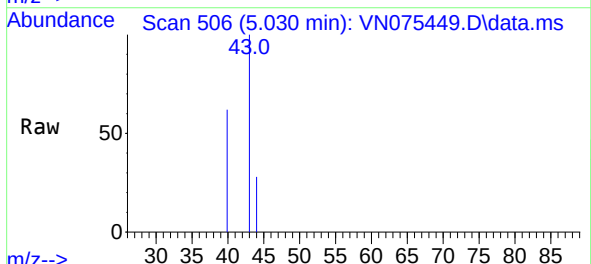
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

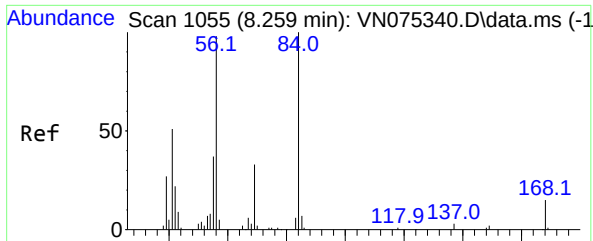
Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

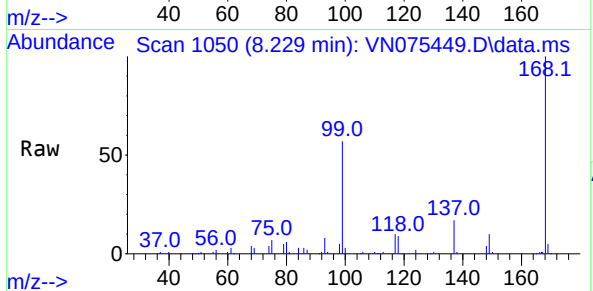
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
74 21.6 22.0 33.0#



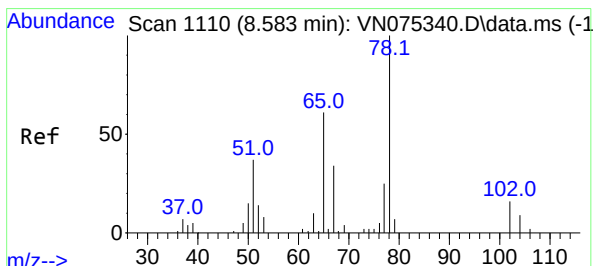
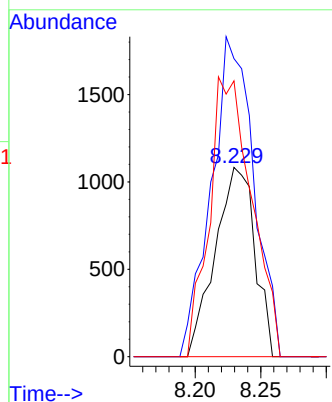
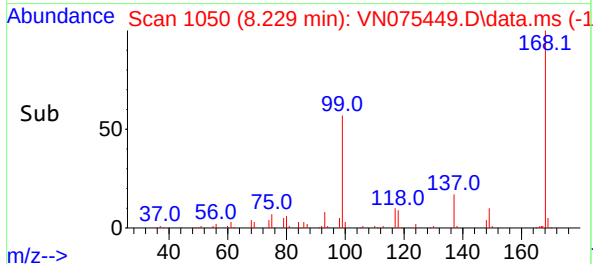


#31
Cyclohexane
Concen: 1.016 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.030 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

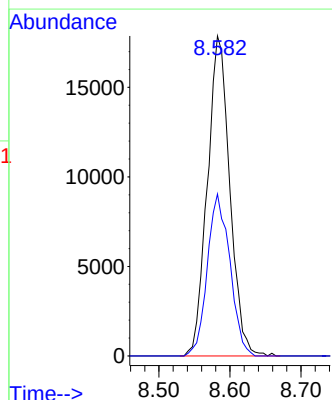
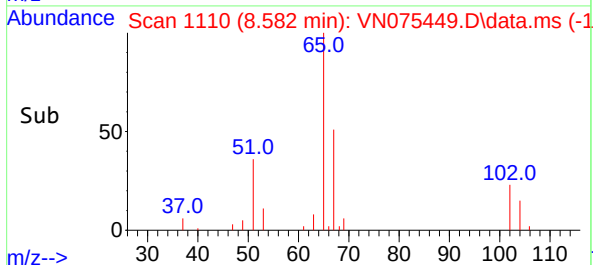
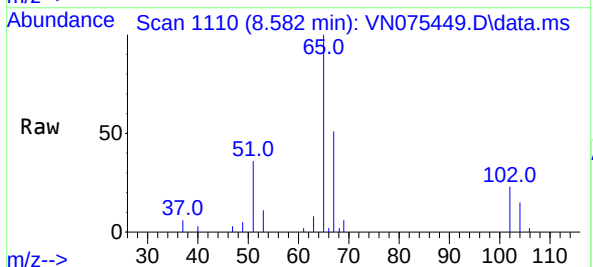


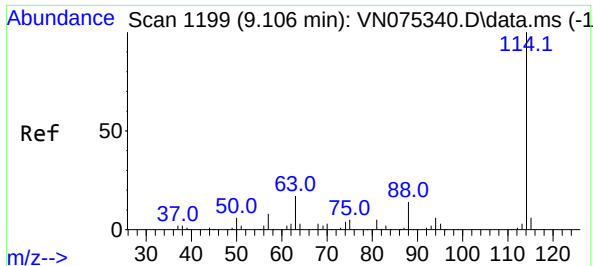
Tgt Ion: 56 Resp: 2275
Ion Ratio Lower Upper
56 100
69 157.5 25.2 37.8#
84 145.7 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 55.752 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

Tgt Ion: 65 Resp: 39289
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.0

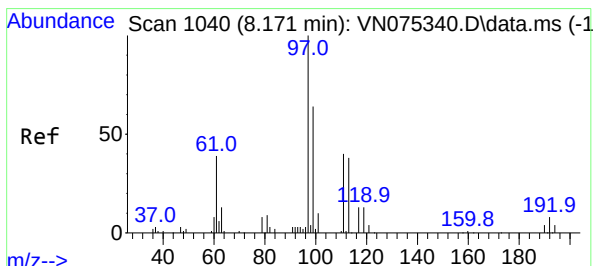
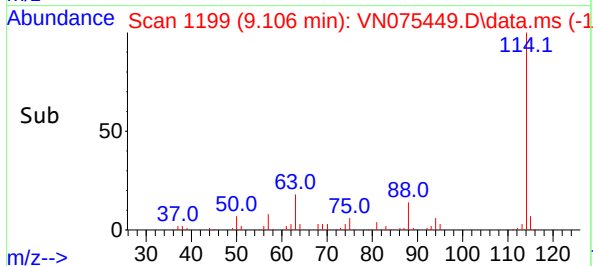
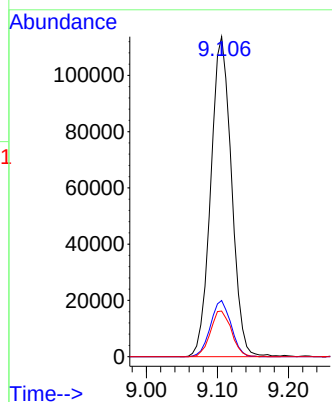
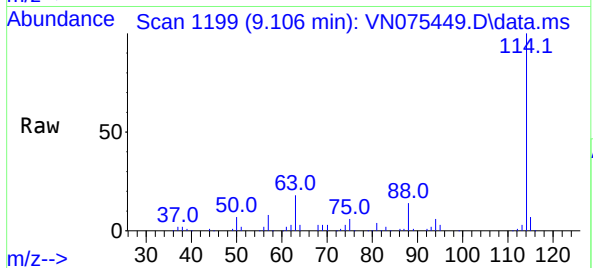




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

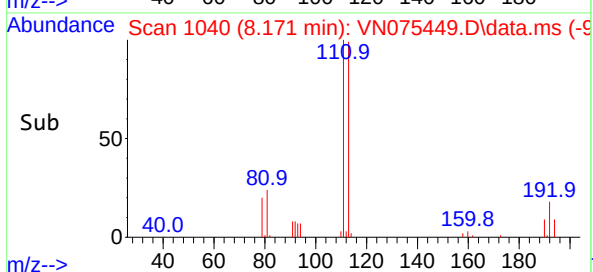
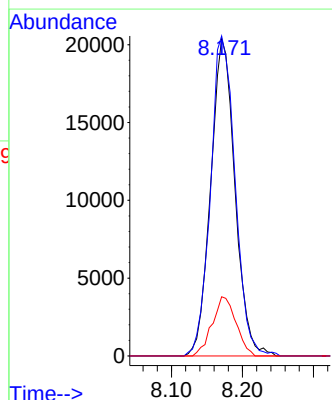
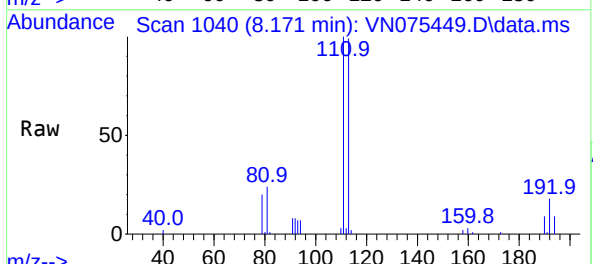
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

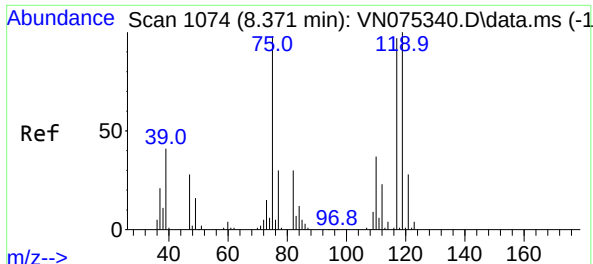
Tgt Ion:114 Resp: 229841
Ion Ratio Lower Upper
114 100
63 17.6 0.0 39.6
88 14.3 0.0 29.0



#35
Dibromofluoromethane
Concen: 53.416 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

Tgt Ion:113 Resp: 48229
Ion Ratio Lower Upper
113 100
111 102.4 80.5 120.7
192 18.3 13.2 19.8

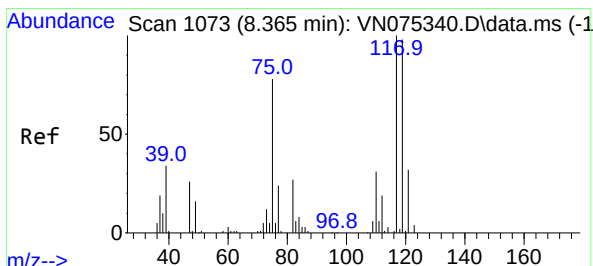
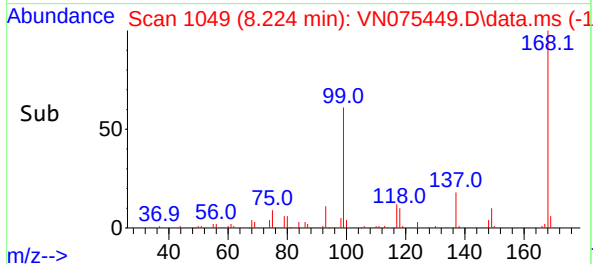
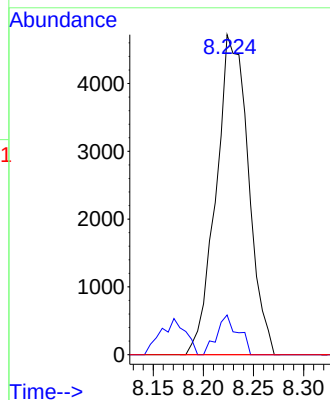
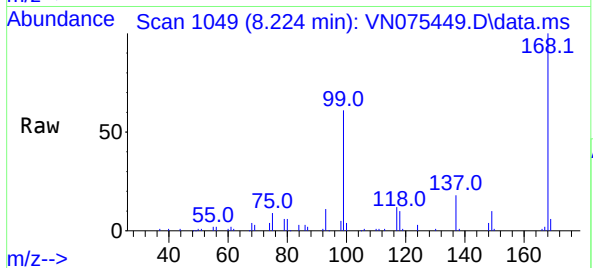




#36
1,1-Dichloropropene
Concen: 5.367 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

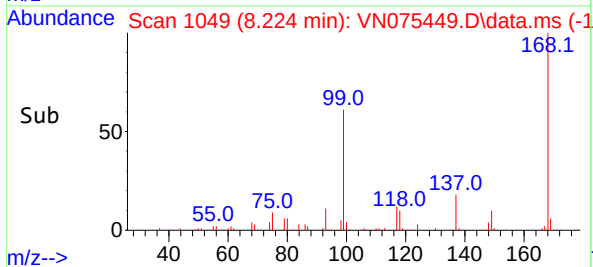
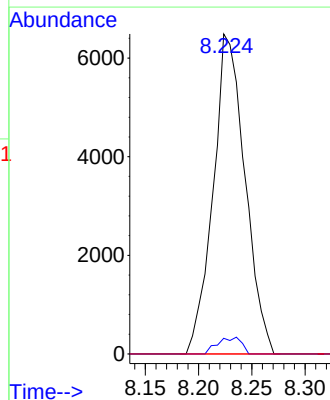
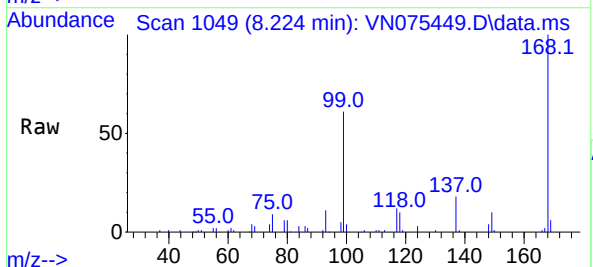
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

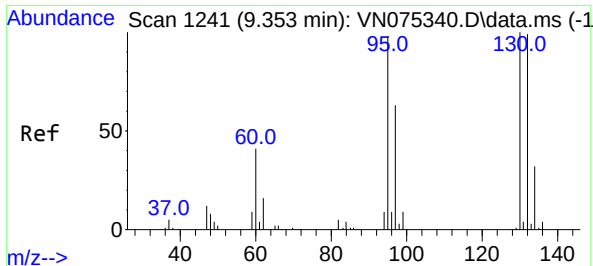
Tgt Ion: 75 Resp: 10567
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.3#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.237 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

Tgt Ion: 117 Resp: 13490
Ion Ratio Lower Upper
117 100
119 4.9 76.7 115.1#
121 0.0 23.9 35.9#

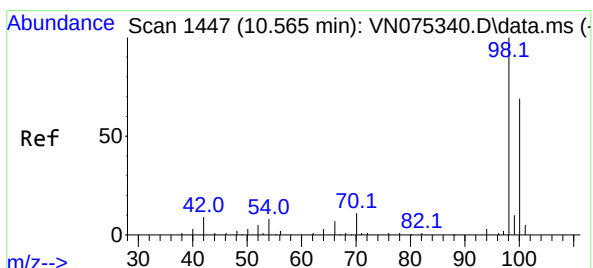
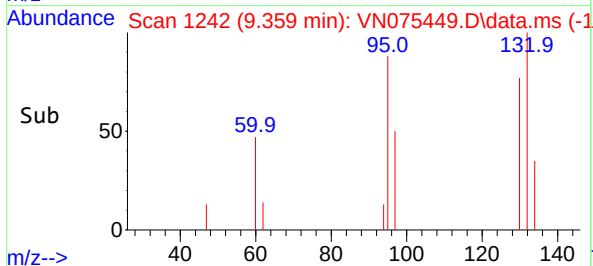
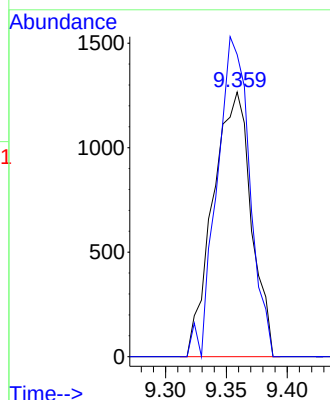
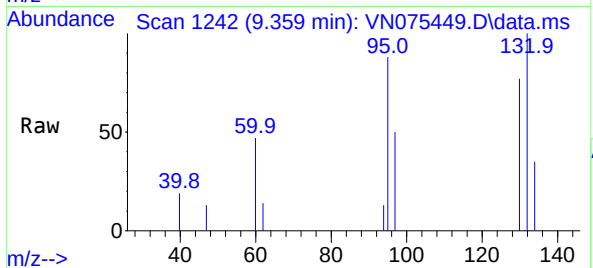




#44
Trichloroethene
Concen: 1.682 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

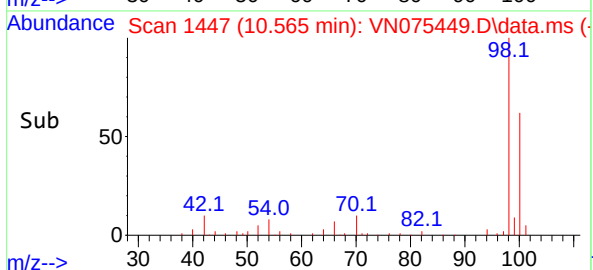
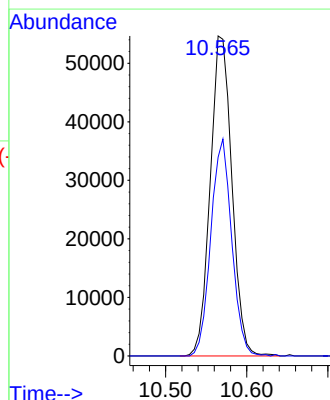
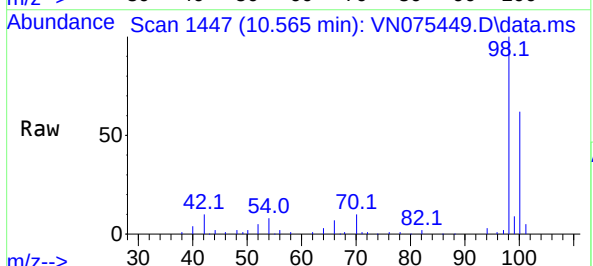
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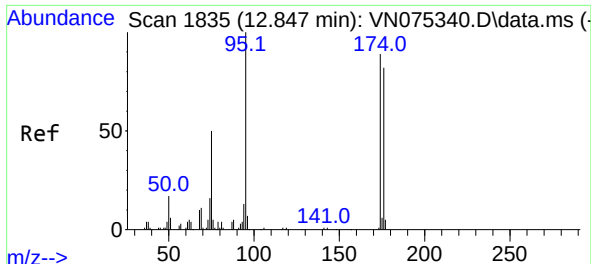
Tgt Ion:130 Resp: 2774
Ion Ratio Lower Upper
130 100
95 114.1 0.0 198.4



#50
Toluene-d8
Concen: 49.743 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

Tgt Ion: 98 Resp: 101156
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6

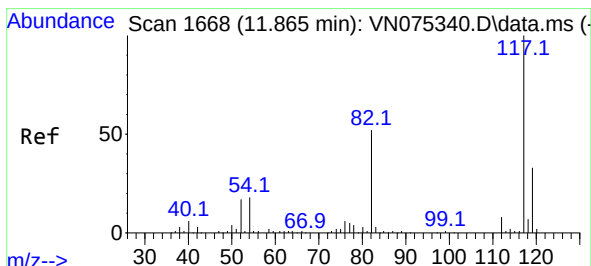
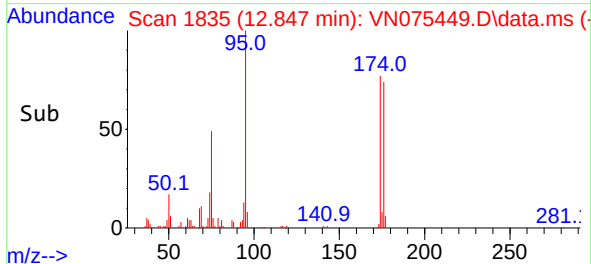
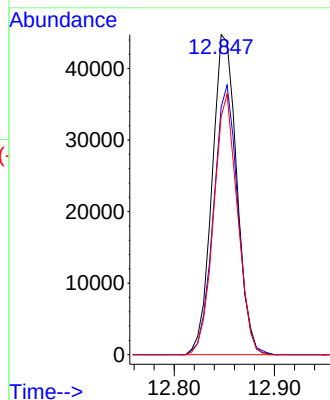
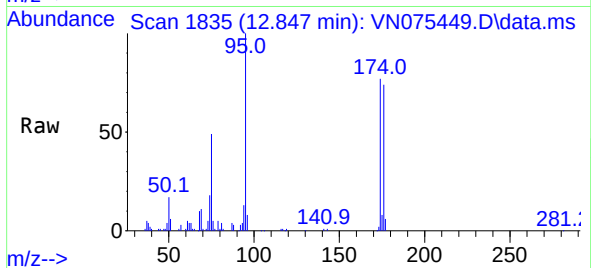




#62
4-Bromofluorobenzene
Concen: 50.936 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

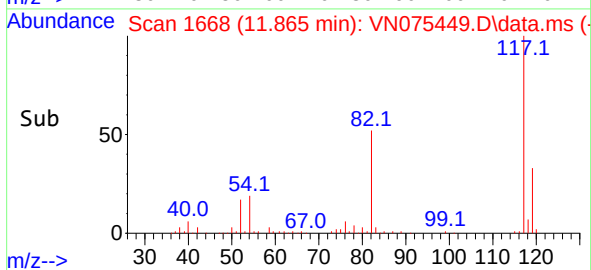
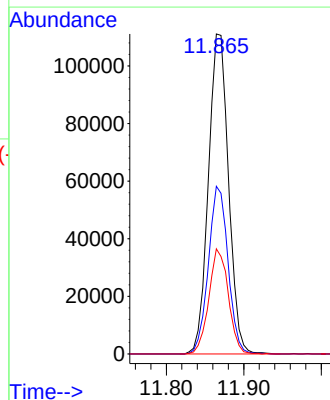
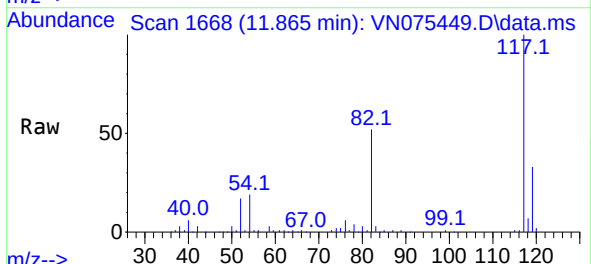
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

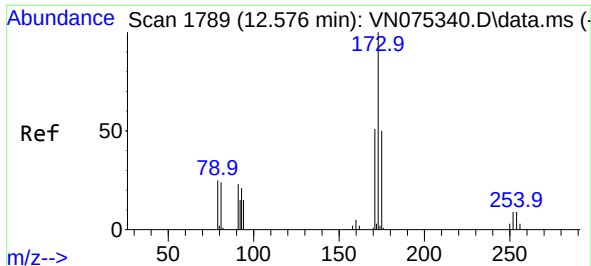
Tgt Ion:	95	Resp:	76455
Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	147.4
176	78.3	0.0	142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

Tgt Ion:	117	Resp:	200605
Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.1	64.7
119	32.9	25.5	38.3

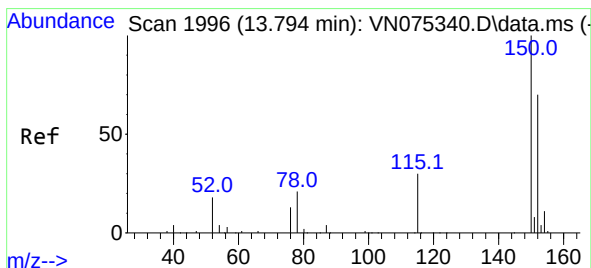
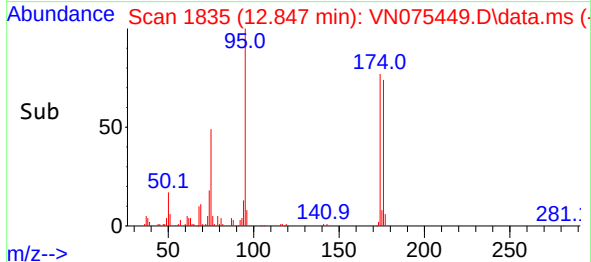
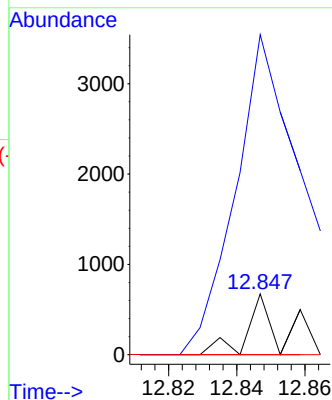
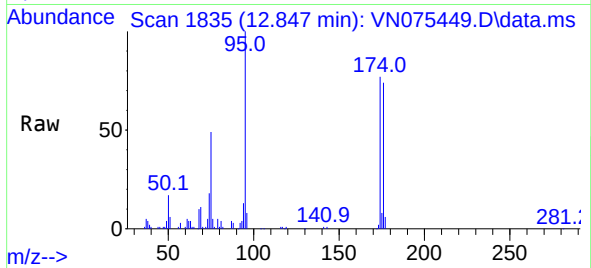




#71
Bromoform
Concen: 0.259 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

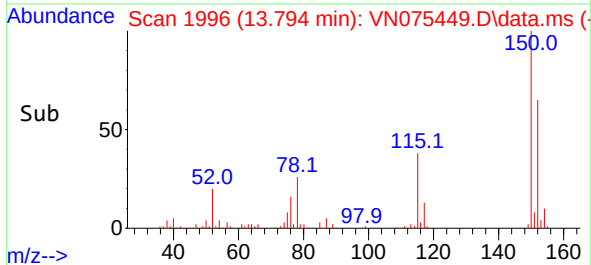
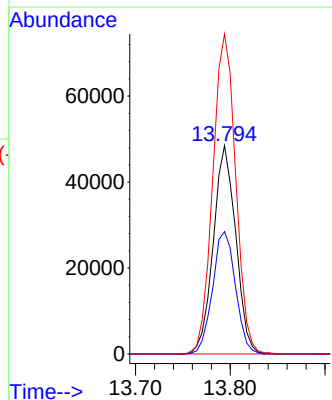
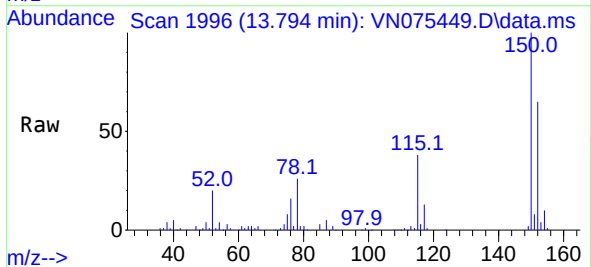
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

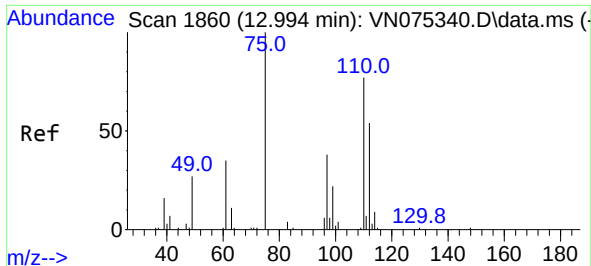
Tgt Ion:173 Resp: 305
Ion Ratio Lower Upper
173 100
175 1111.1 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

Tgt Ion:152 Resp: 79885
Ion Ratio Lower Upper
152 100
115 59.7 30.2 90.6
150 156.4 0.0 348.4

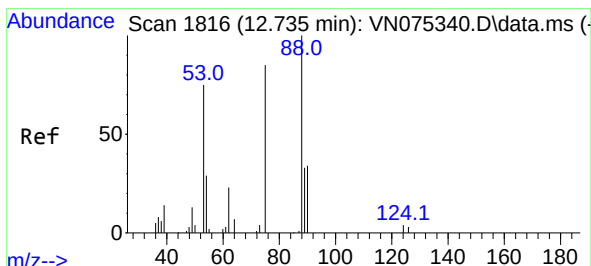
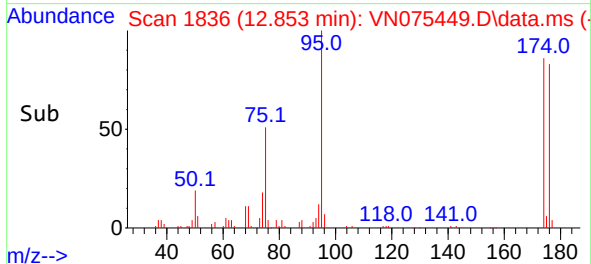
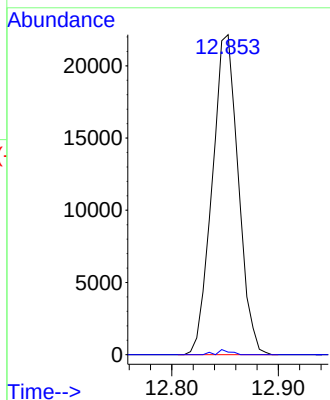
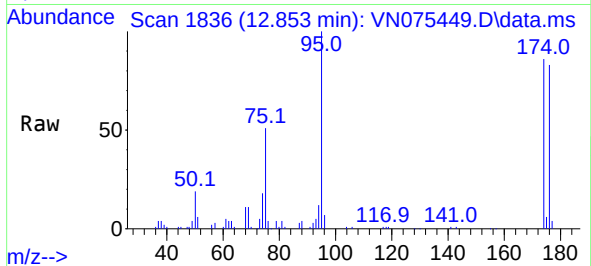




#76
1,2,3-Trichloropropane
Concen: 24.952 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 37688
Ion Ratio Lower Upper
75 100
77 0.8 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.828 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075449.D
Acq: 28 Nov 2022 15:24

Tgt Ion: 75 Resp: 37688
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

