

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075983.D
 Acq On : 27 Dec 2022 13:11
 Operator : JC\MD
 Sample : N6210-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 28 04:44:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

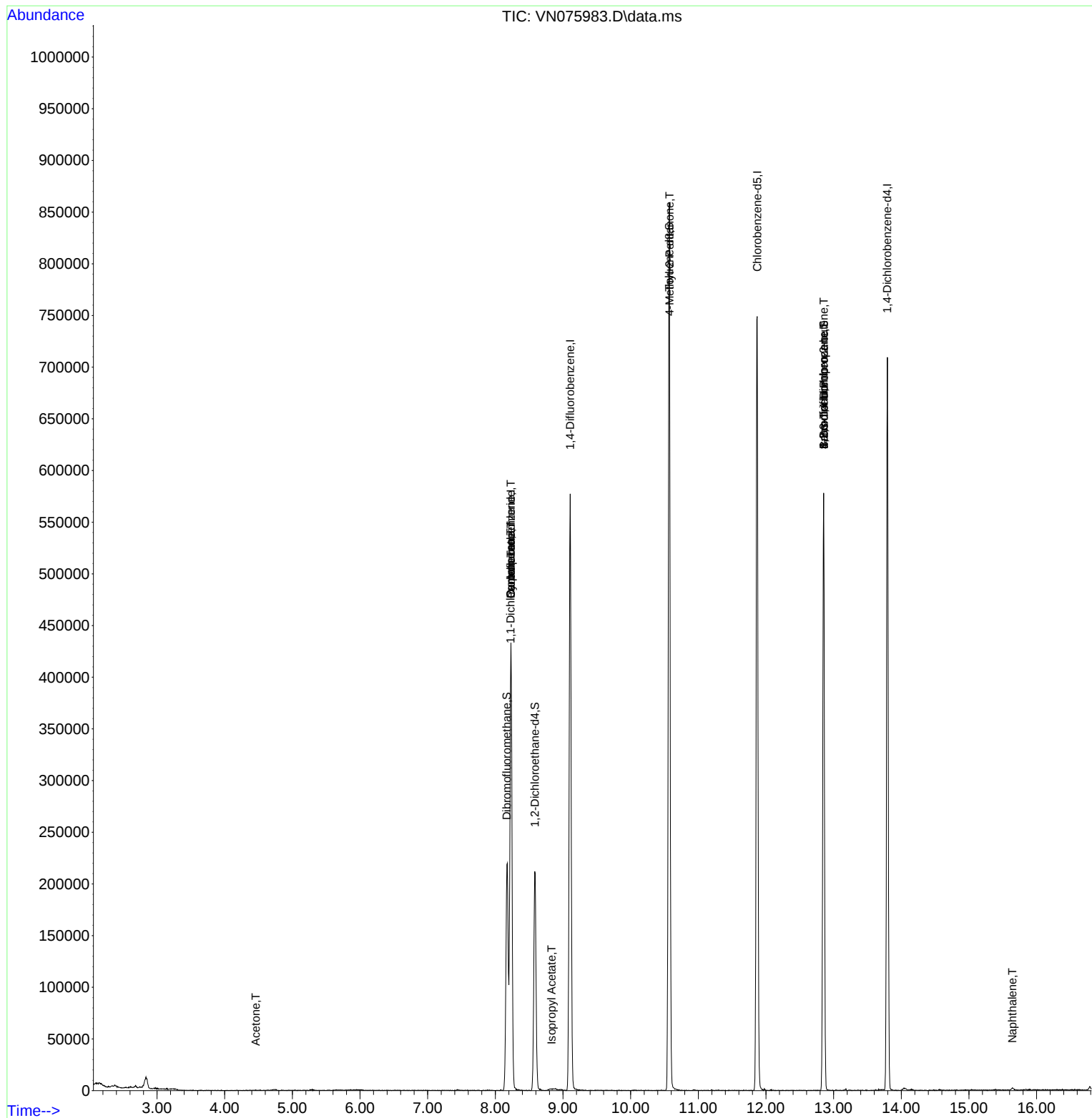
Internal Standards						
1) Pentafluorobenzene	8.230	168	335869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	532518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	467371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	174470	47.748	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.500%
35) Dibromofluoromethane	8.171	113	158942	48.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	10.571	98	607899	49.302	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.853	95	194063	47.519	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.040%
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	288	0.229	ug/l #	39
20) Methylene Chloride	5.312	84	151	Below Cal	#	38
31) Cyclohexane	8.230	56	6527	1.247	ug/l #	25
36) 1,1-Dichloropropene	8.224	75	23205	5.297	ug/l #	50
38) Carbon Tetrachloride	8.230	117	33016	6.734	ug/l #	17
43) Isopropyl Acetate	8.830	43	1375	0.237	ug/l #	50
51) 4-Methyl-2-Pentanone	10.577	43	2446	0.697	ug/l #	1
71) Bromoform	12.853	173	1598	0.618	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	98992	24.697	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	98992	88.896	ug/l #	12
95) Naphthalene	15.641	128	2853	2.430	ug/l #	76

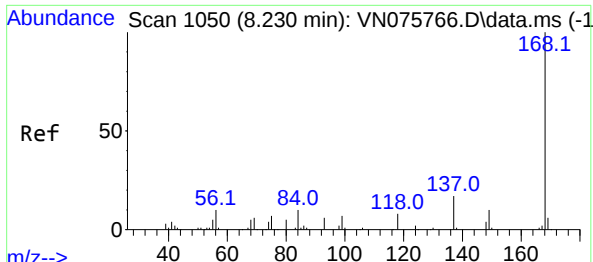
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075983.D

Acq: 27 Dec 2022 13:11

Instrument :

MSVOA_N

ClientSampleId :

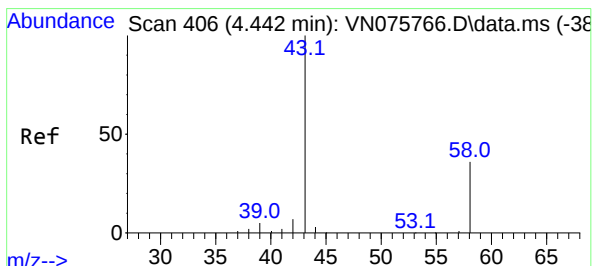
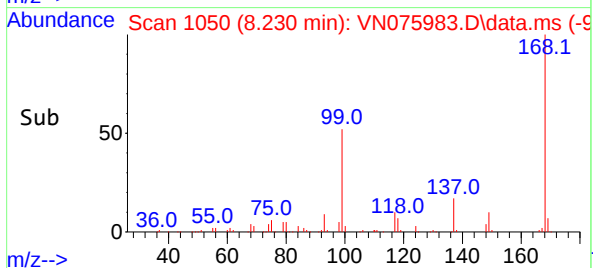
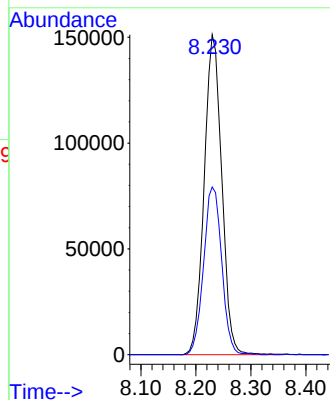
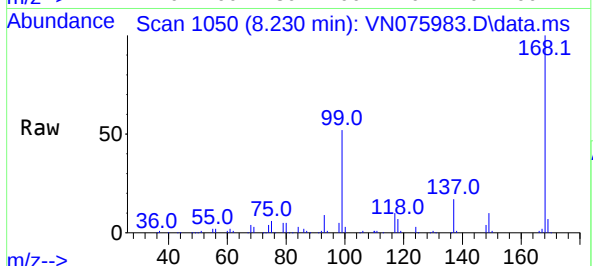
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 335869

Ion Ratio Lower Upper

168 100

99 52.4 44.2 66.4



#16

Acetone

Concen: 0.229 ug/l

RT: 4.459 min Scan# 409

Delta R.T. 0.018 min

Lab File: VN075983.D

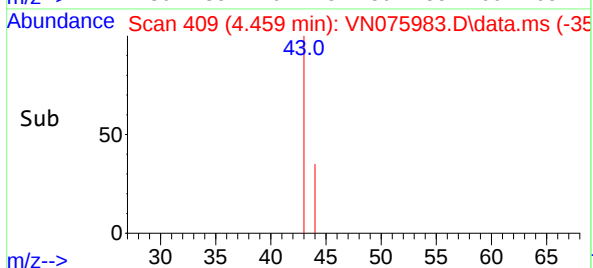
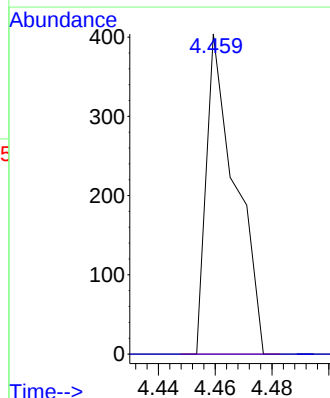
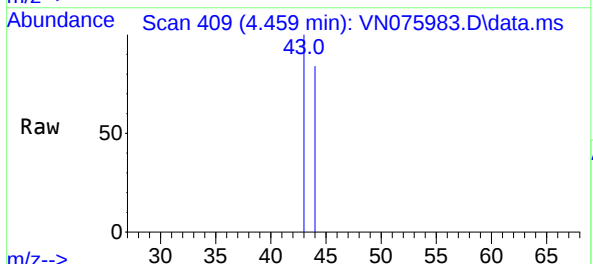
Acq: 27 Dec 2022 13:11

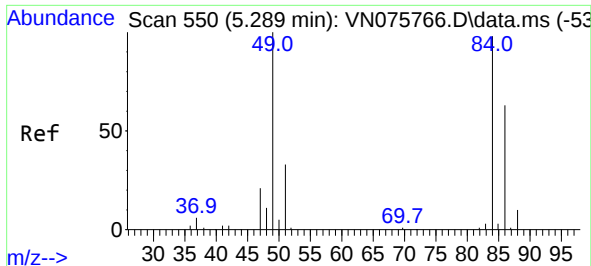
Tgt Ion: 43 Resp: 288

Ion Ratio Lower Upper

43 100

58 0.0 28.6 43.0#



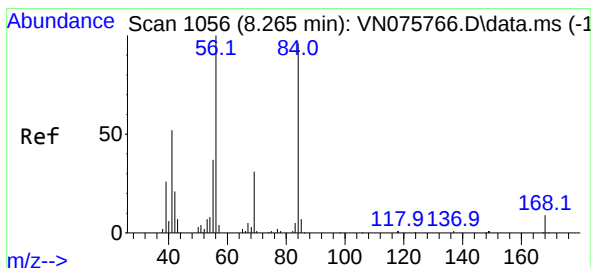
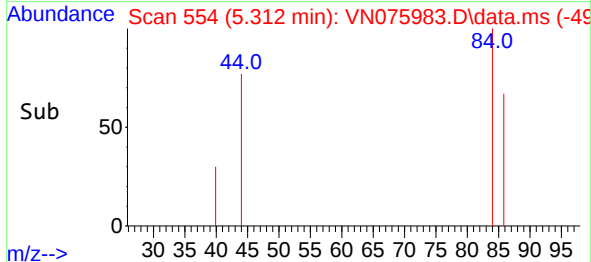
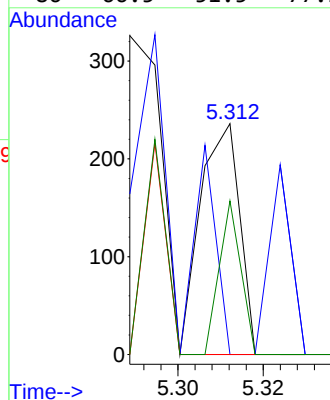
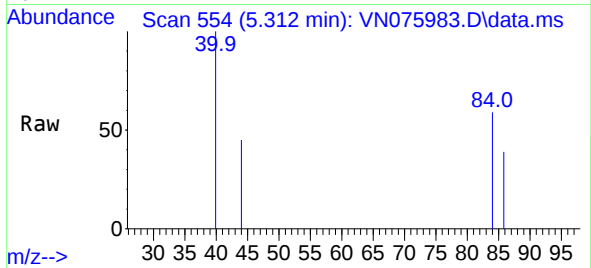


#20
Methylene Chloride
Concen: Below Cal
RT: 5.312 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

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

Tgt Ion: 84 Resp: 151

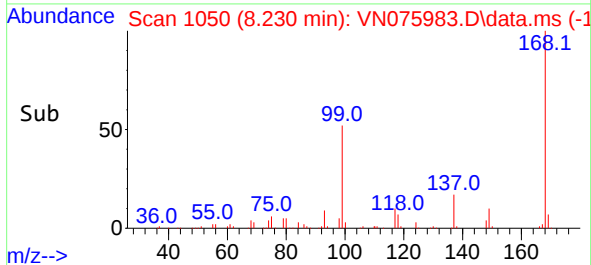
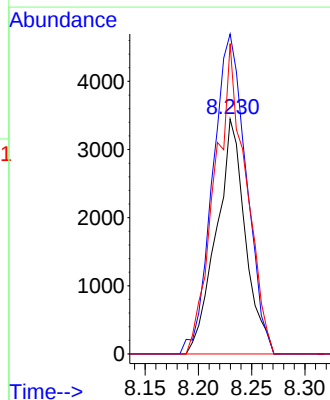
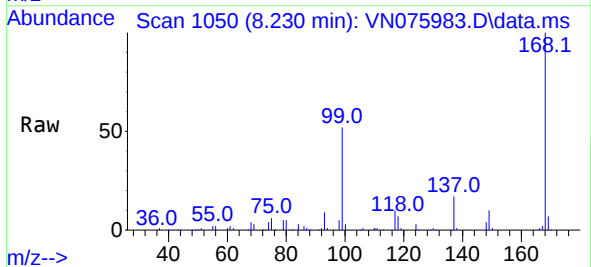
Ion	Ratio	Lower	Upper
84	100		
49	0.0	81.8	122.6#
51	0.0	26.7	40.1#
86	66.5	51.5	77.3

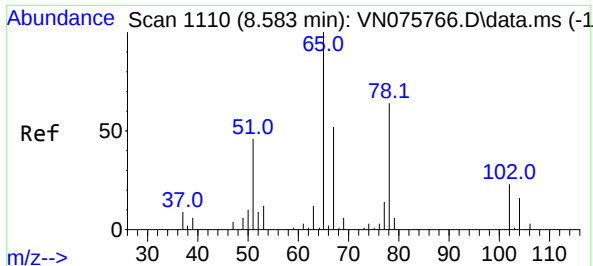


#31
Cyclohexane
Concen: 1.247 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

Tgt Ion: 56 Resp: 6527

Ion	Ratio	Lower	Upper
56	100		
69	136.3	24.7	37.1#
84	132.2	76.5	114.7#

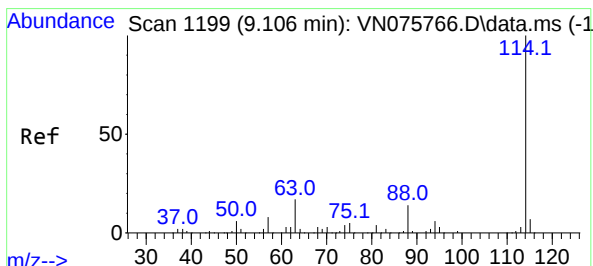
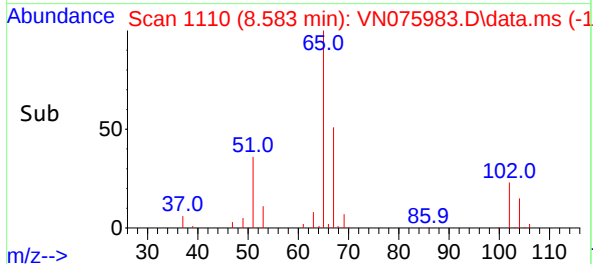
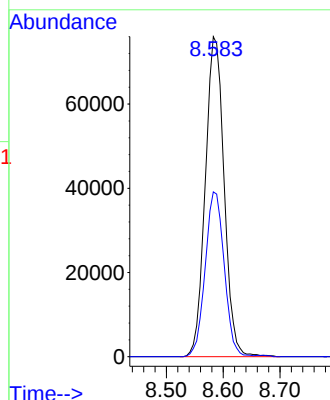
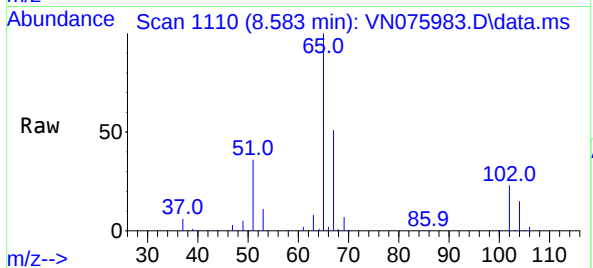




#33
1,2-Dichloroethane-d4
Concen: 47.748 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

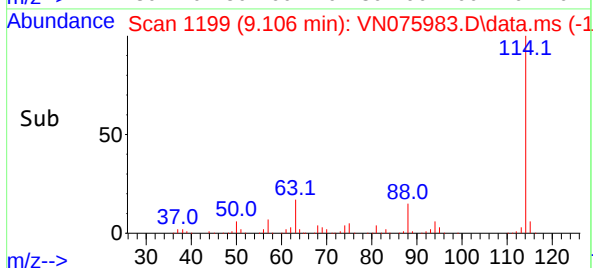
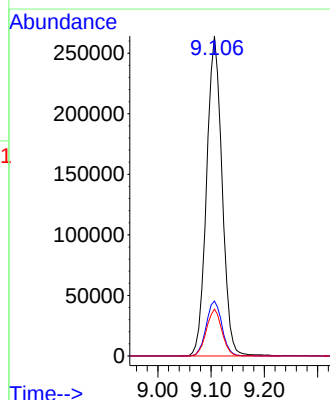
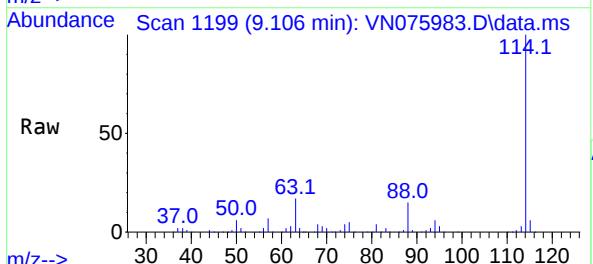
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

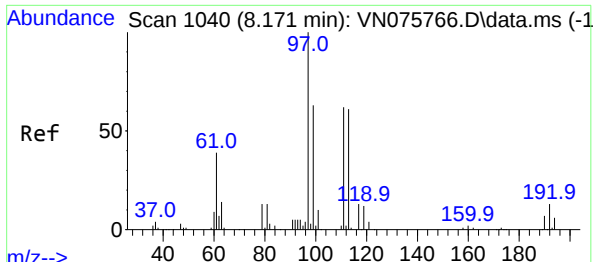
Tgt Ion: 65 Resp: 174470
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

Tgt Ion: 114 Resp: 532518
Ion Ratio Lower Upper
114 100
63 17.1 0.0 34.4
88 14.6 0.0 28.8

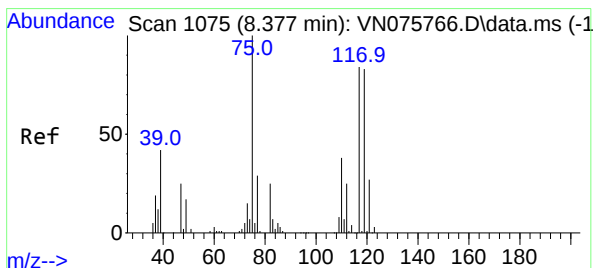
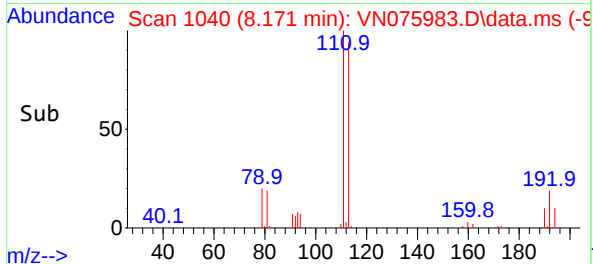
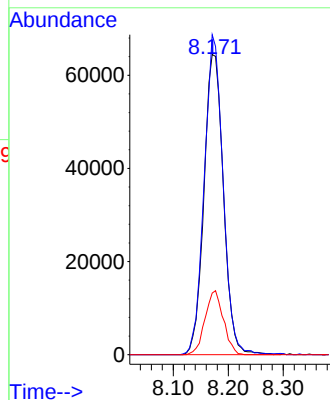
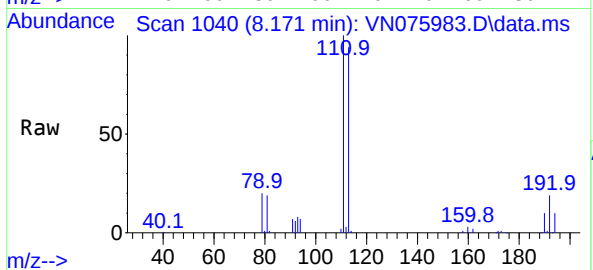




#35
Dibromofluoromethane
Concen: 48.196 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

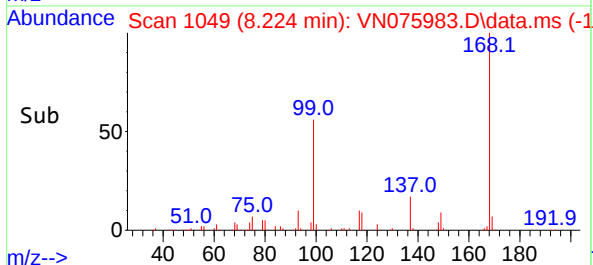
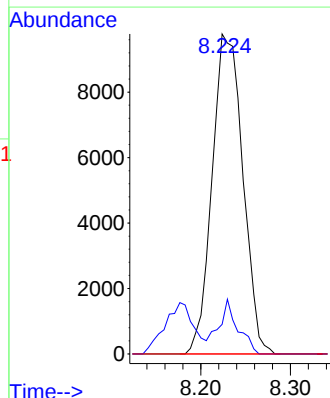
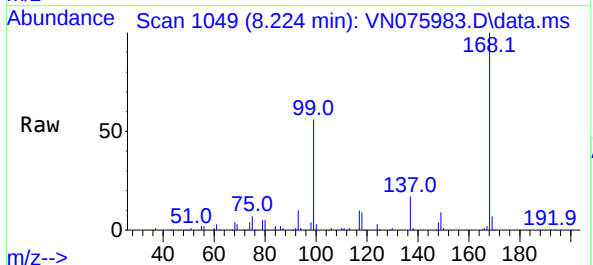
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

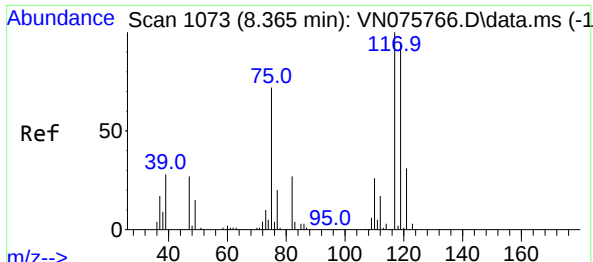
Tgt Ion:113 Resp: 158942
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.2
192 20.1 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.297 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

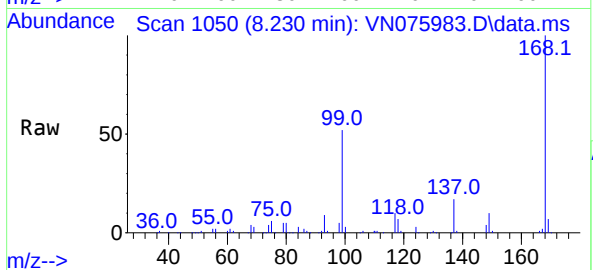
Tgt Ion: 75 Resp: 23205
Ion Ratio Lower Upper
75 100
110 10.7 18.8 56.4#
77 0.0 24.1 36.1#



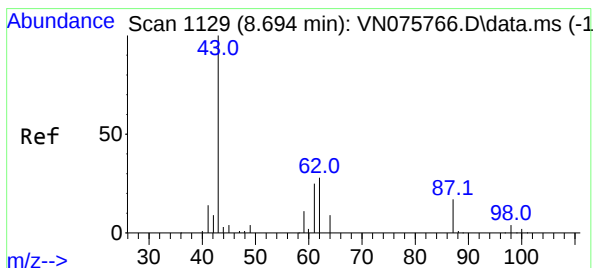
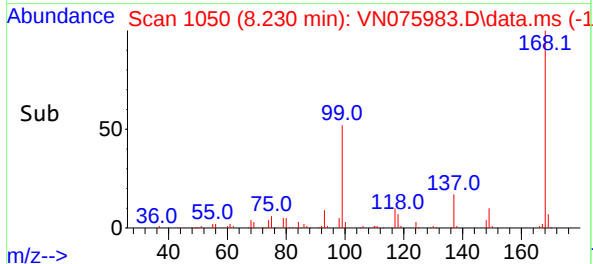
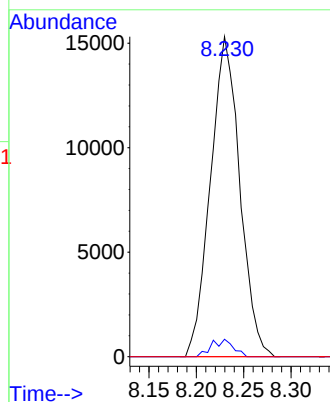


#38
Carbon Tetrachloride
Concen: 6.734 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.135 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

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

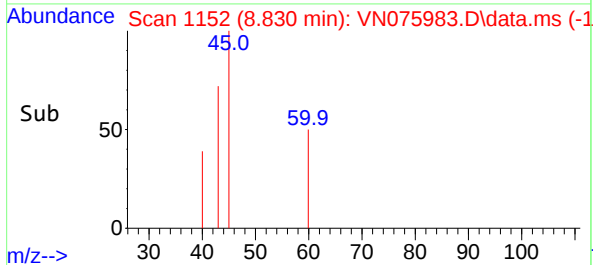
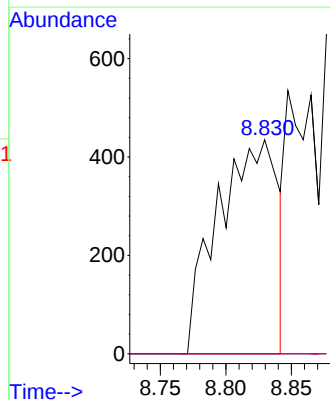
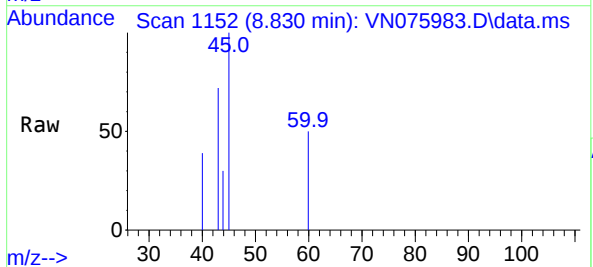


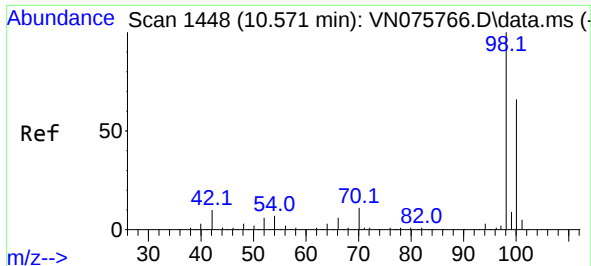
Tgt Ion:117 Resp: 33016
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.237 ug/l
RT: 8.830 min Scan# 1152
Delta R.T. 0.135 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

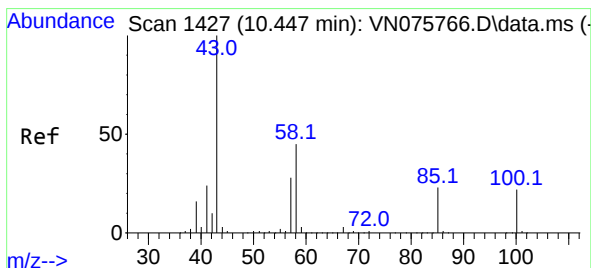
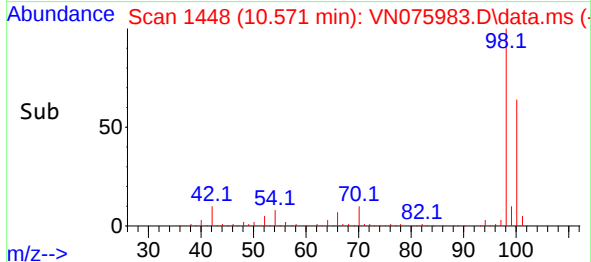
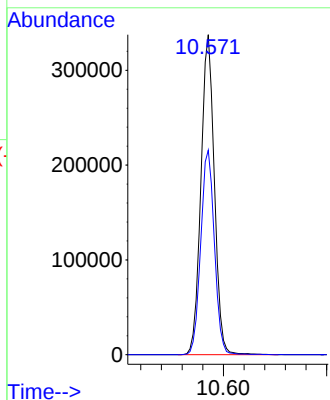
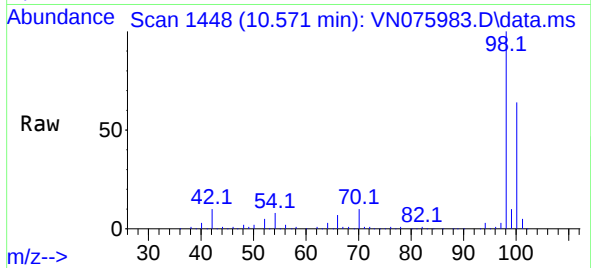




#50
Toluene-d8
Concen: 49.302 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

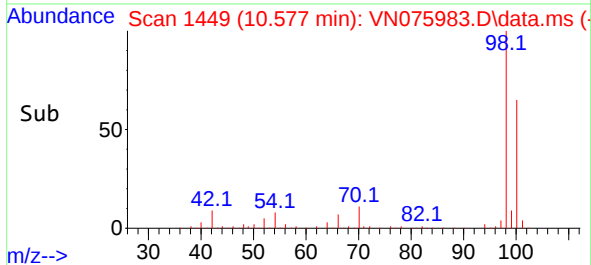
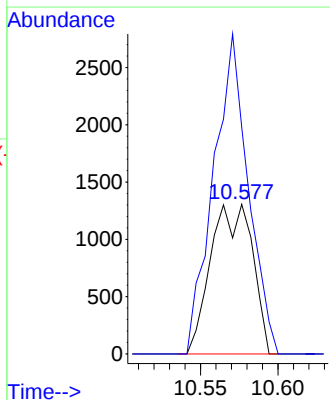
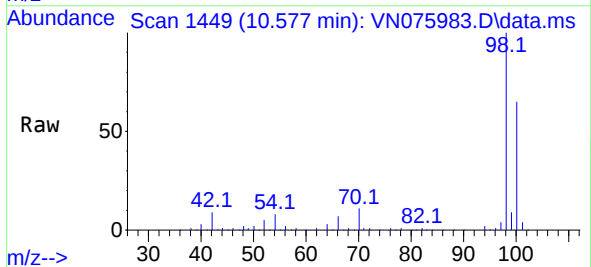
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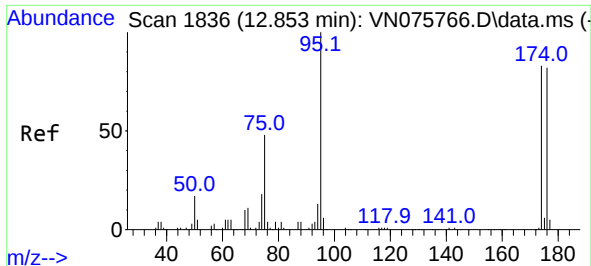
Tgt Ion: 98 Resp: 607899
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.697 ug/l
RT: 10.577 min Scan# 1449
Delta R.T. 0.129 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

Tgt Ion: 43 Resp: 2446
Ion Ratio Lower Upper
43 100
58 178.3 35.5 53.3#

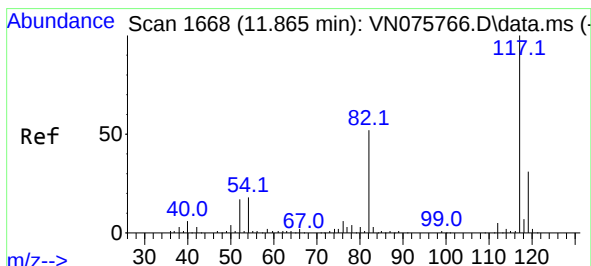
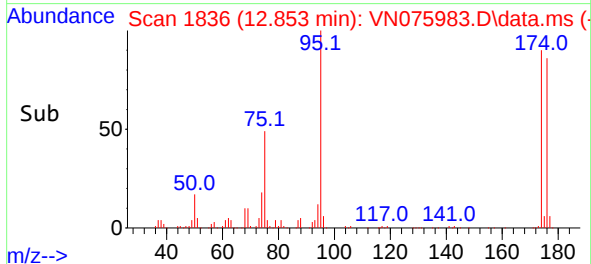
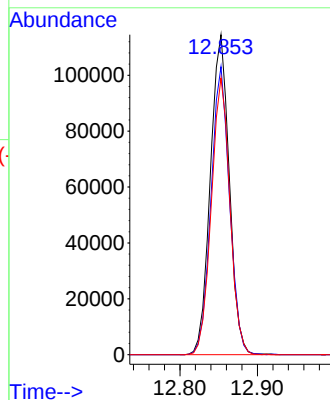
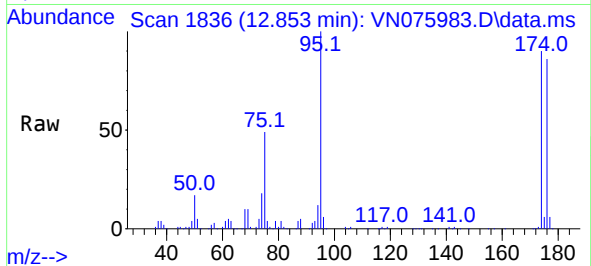




#62
4-Bromofluorobenzene
Concen: 47.519 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

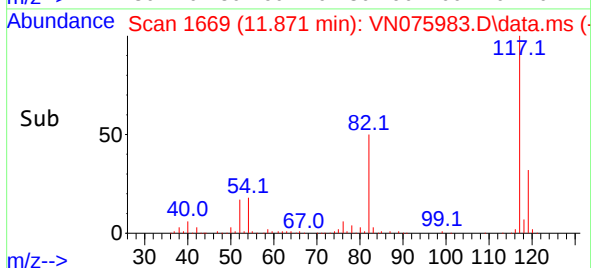
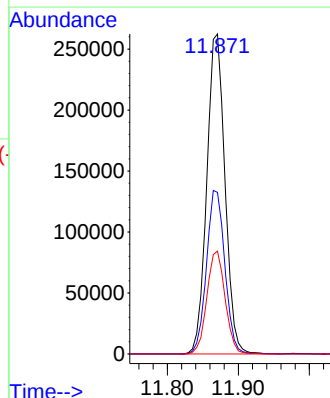
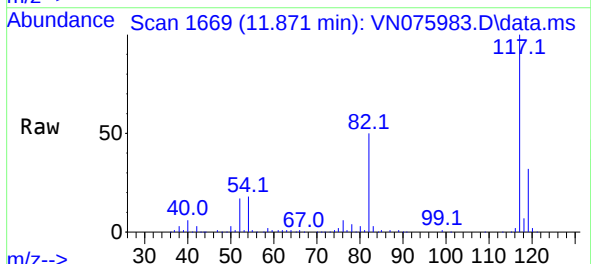
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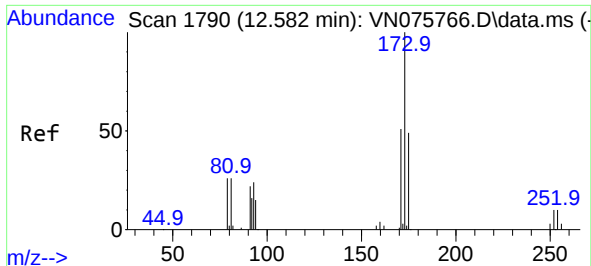
Tgt Ion: 95 Resp: 194063
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 84.7 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

Tgt Ion: 117 Resp: 467371
Ion Ratio Lower Upper
117 100
82 50.5 41.3 61.9
119 32.1 24.6 37.0

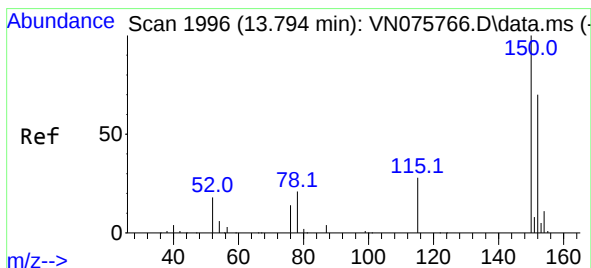
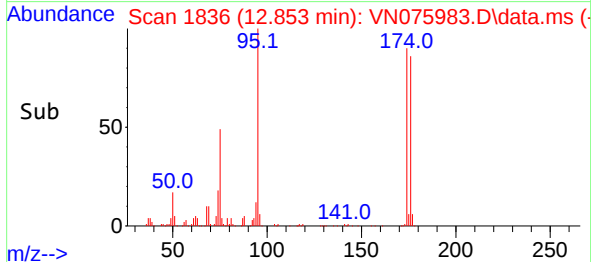
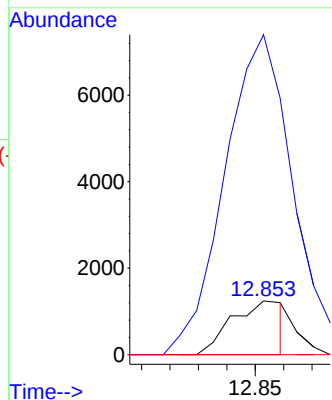
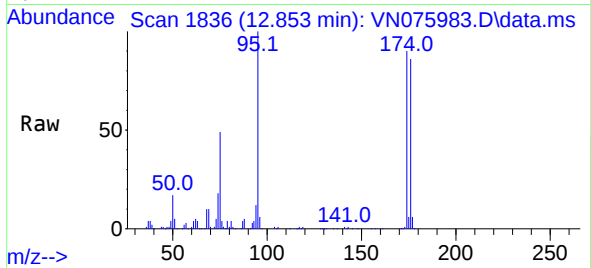




#71
Bromoform
Concen: 0.618 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

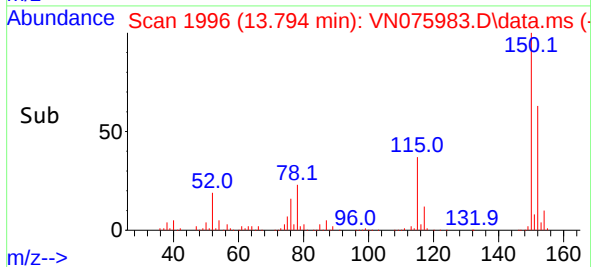
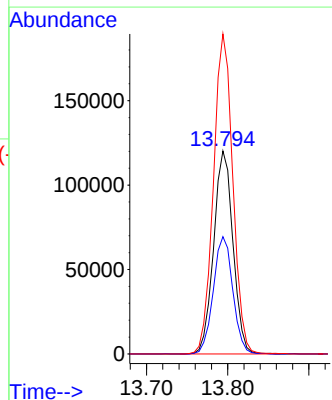
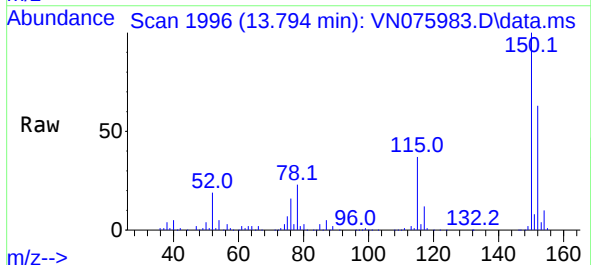
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

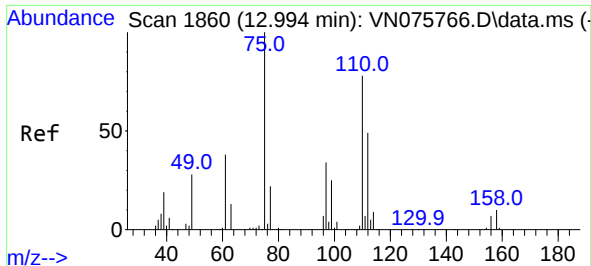
Tgt Ion:173 Resp: 1598
Ion Ratio Lower Upper
173 100
175 640.9 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

Tgt Ion:152 Resp: 198849
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.4
150 158.0 0.0 347.0

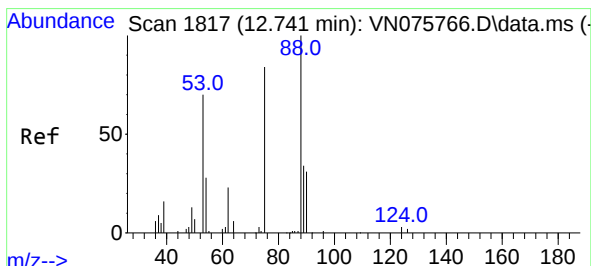
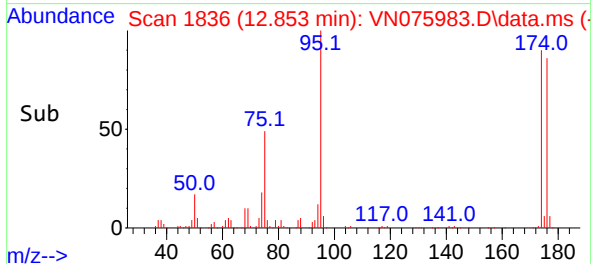
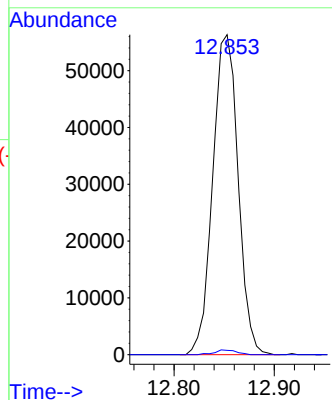
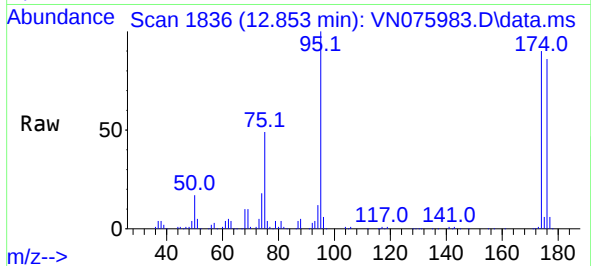




#76
1,2,3-Trichloropropane
Concen: 24.697 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

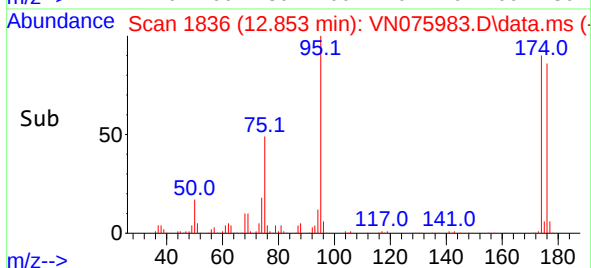
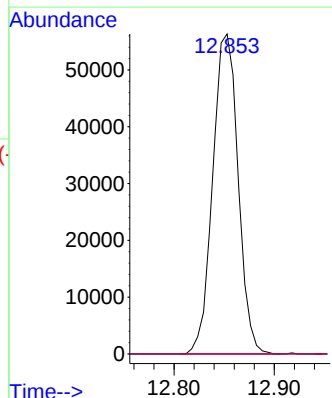
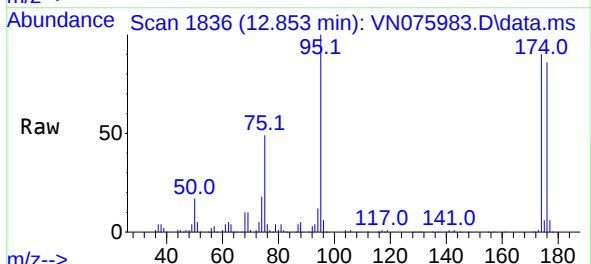
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

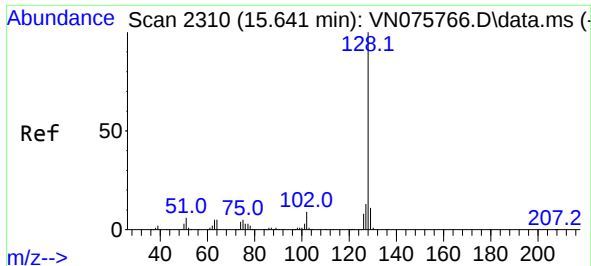
Tgt Ion: 75 Resp: 98992
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.896 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

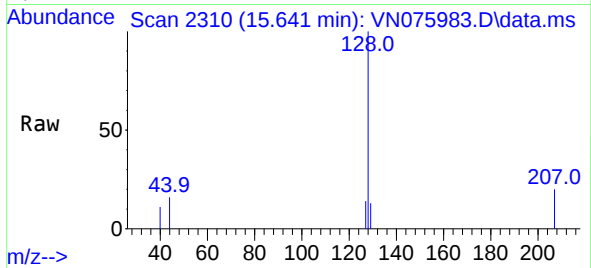
Tgt Ion: 75 Resp: 98992
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.430 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

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



Tgt Ion:	128	Resp:	2853
Ion	Ratio	Lower	Upper
128	100		
127	4.9	10.4	15.6#
129	0.0	8.7	13.1#

