

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073849.D
 Acq On : 12 Aug 2022 14:10
 Operator : JC\MD
 Sample : N4194-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 13 05:02:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

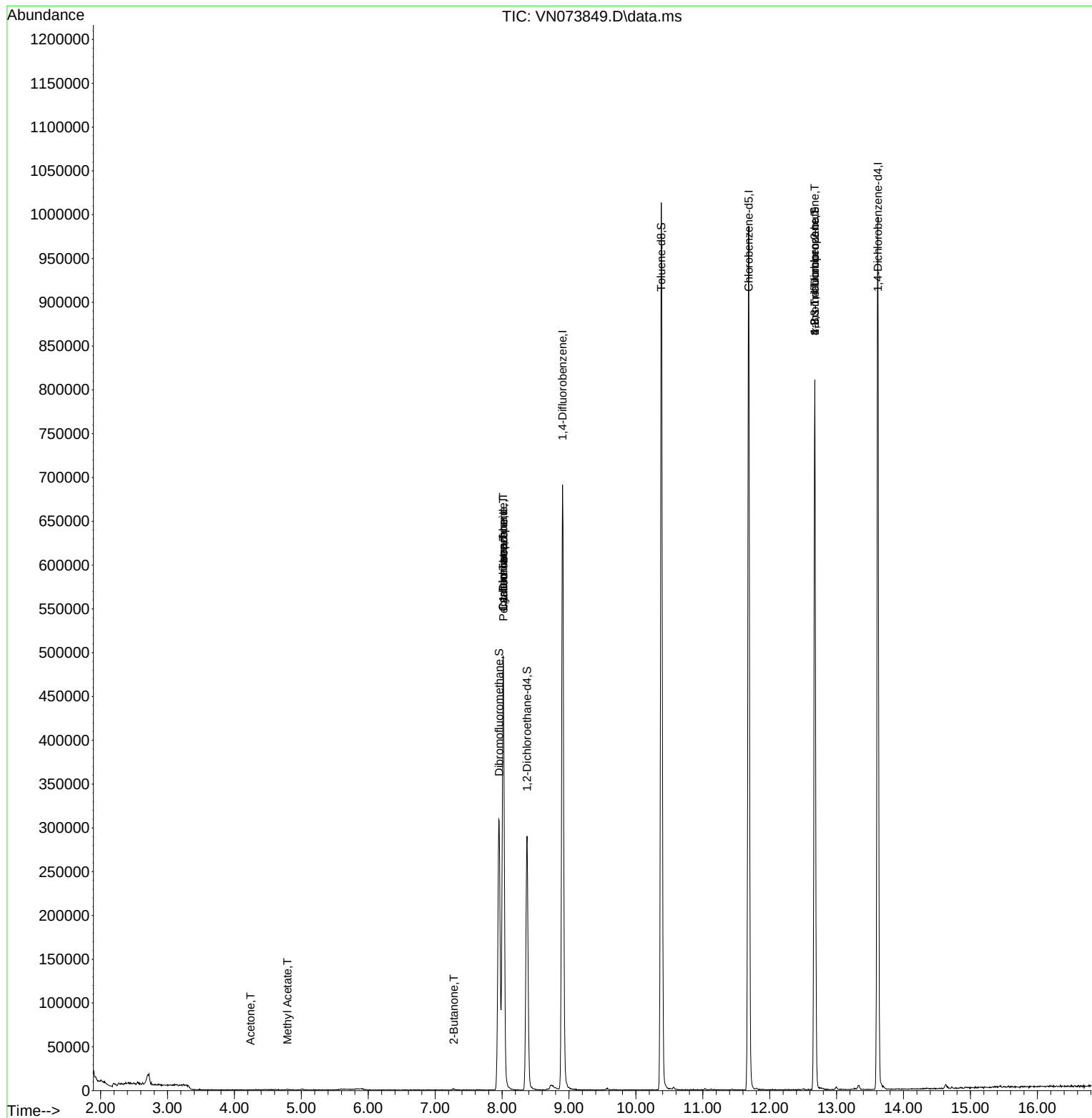
Internal Standards						
1) Pentafluorobenzene	8.022	168	404324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	634337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	590427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	287020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	243279	49.373	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.740%		
35) Dibromofluoromethane	7.957	113	227701	57.165	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	114.320%		
50) Toluene-d8	10.380	98	720074	45.939	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.880%		
62) 4-Bromofluorobenzene	12.674	95	260167	47.431	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.860%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	995	Below Cal	#	49
6) Chloroethane	2.940	64	733	Below Cal	#	42
16) Acetone	4.240	43	695	0.263	ug/l #	42
18) Methyl Acetate	4.793	43	1967	0.299	ug/l #	55
20) Methylene Chloride	5.022	84	290	Below Cal	#	31
25) 2-Butanone	7.281	43	2313	0.563	ug/l #	45
31) Cyclohexane	8.016	56	7096	0.967	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	28616	5.041	ug/l #	49
38) Carbon Tetrachloride	8.016	117	37106	6.435	ug/l #	18
76) 1,2,3-Trichloropropane	12.674	75	135072	24.013	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	135072	60.987	ug/l #	11

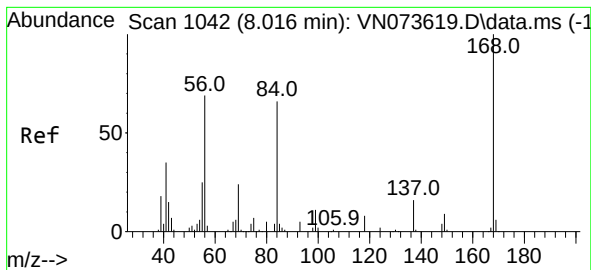
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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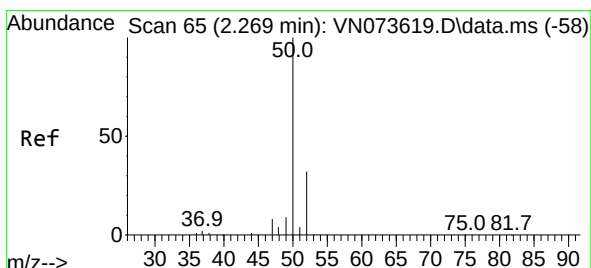
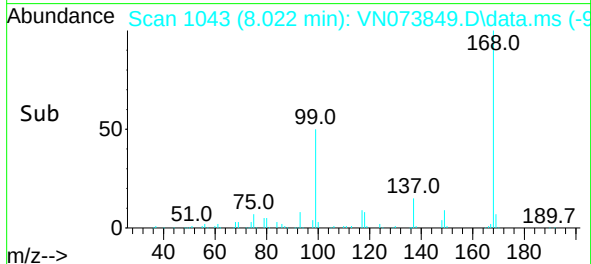
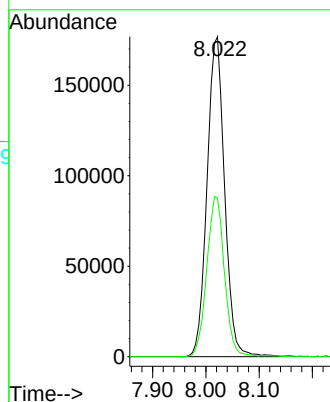
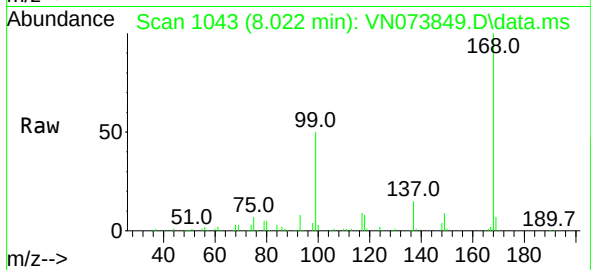




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN073849.D
Acq: 12 Aug 2022 14:10

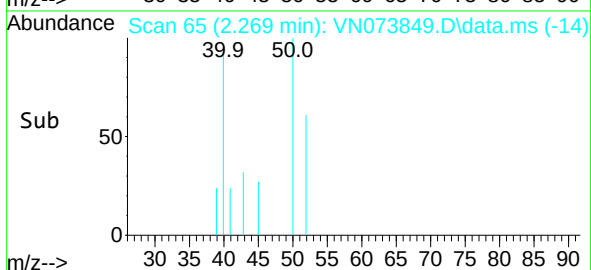
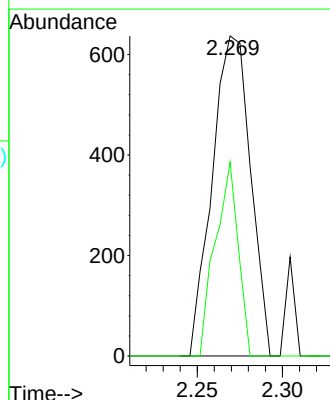
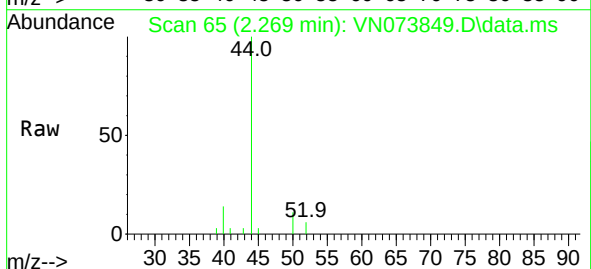
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

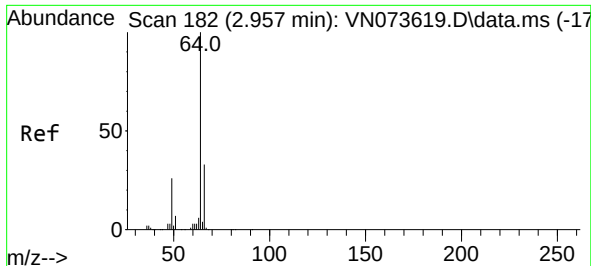
Tgt Ion:168 Resp: 404324
Ion Ratio Lower Upper
168 100
99 49.5 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073849.D
Acq: 12 Aug 2022 14:10

Tgt Ion: 50 Resp: 995
Ion Ratio Lower Upper
50 100
52 60.6 25.7 38.5#

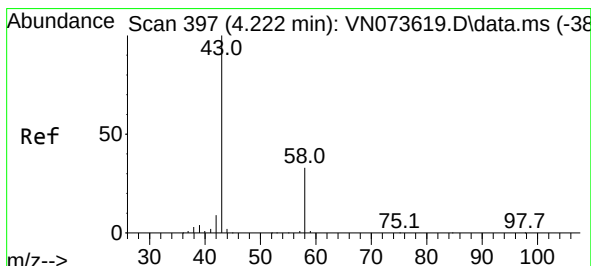
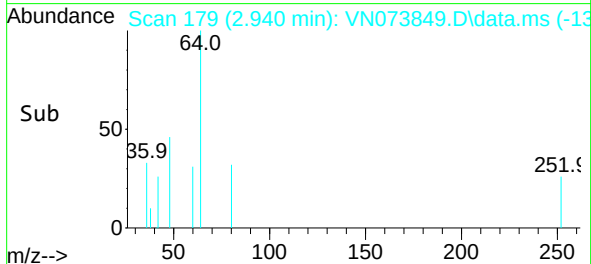
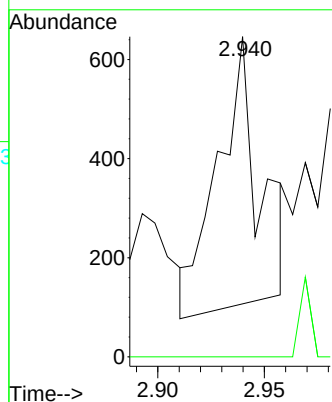
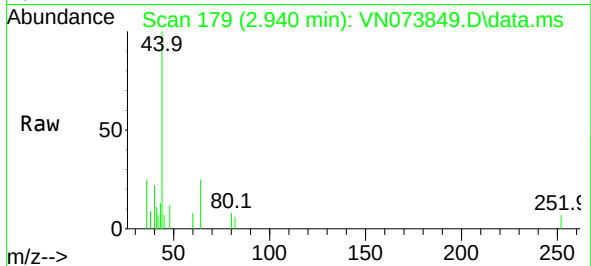




#6
Chloroethane
Concen: Below Cal
RT: 2.940 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN073849.D
Acq: 12 Aug 2022 14:10

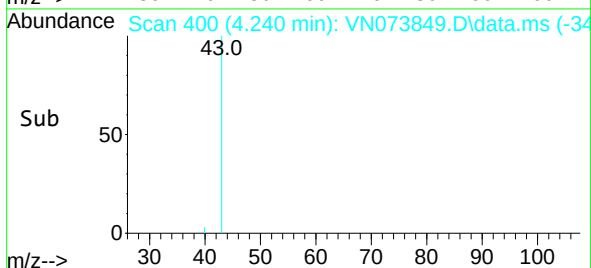
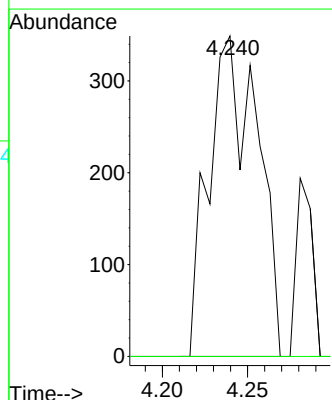
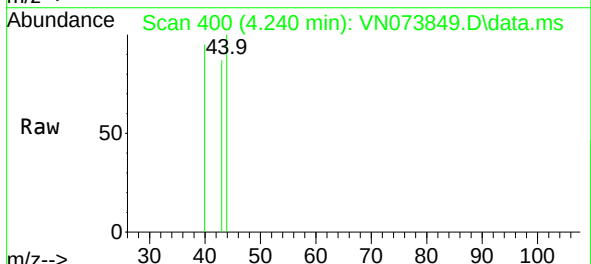
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

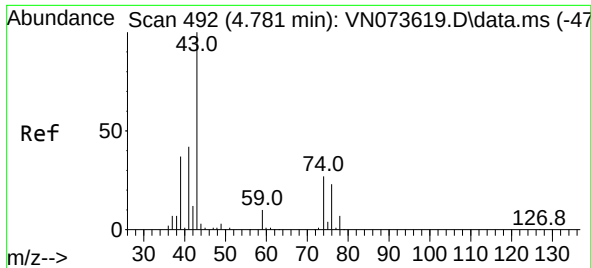
Tgt Ion: 64 Resp: 733
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 0.263 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073849.D
Acq: 12 Aug 2022 14:10

Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

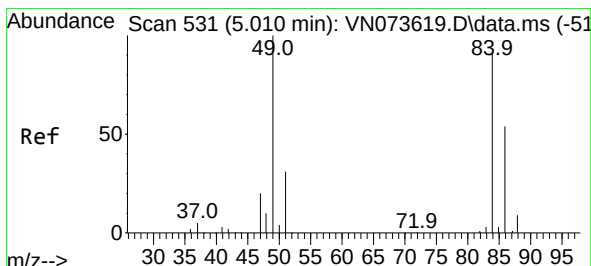
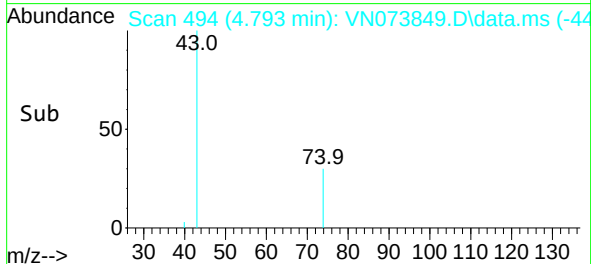
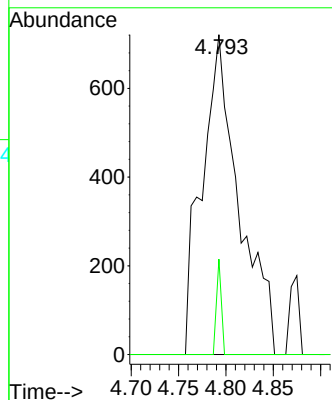
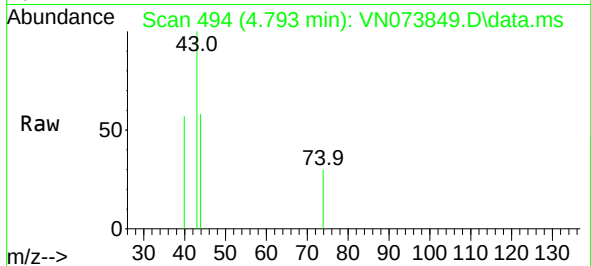




#18
Methyl Acetate
Concen: 0.299 ug/l
RT: 4.793 min Scan# 494
Delta R.T. 0.012 min
Lab File: VN073849.D
Acq: 12 Aug 2022 14:10

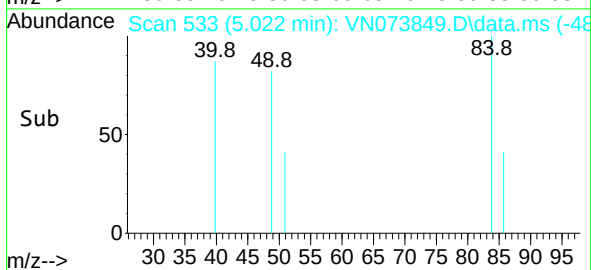
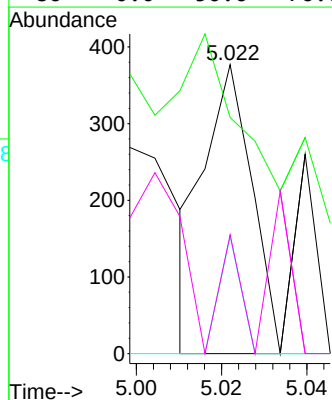
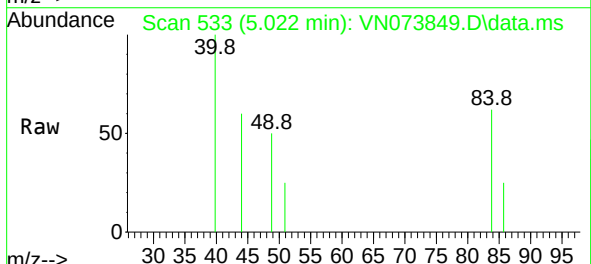
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

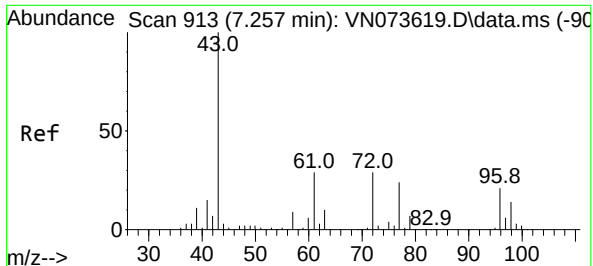
Tgt Ion: 43 Resp: 1967
Ion Ratio Lower Upper
43 100
74 3.9 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.022 min Scan# 533
Delta R.T. 0.012 min
Lab File: VN073849.D
Acq: 12 Aug 2022 14:10

Tgt Ion: 84 Resp: 290
Ion Ratio Lower Upper
84 100
49 25.5 88.3 132.5#
51 40.6 28.2 42.2
86 0.0 50.6 76.0#

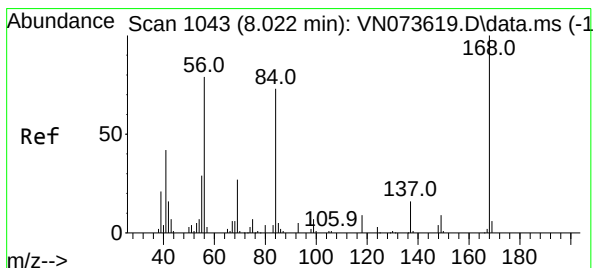
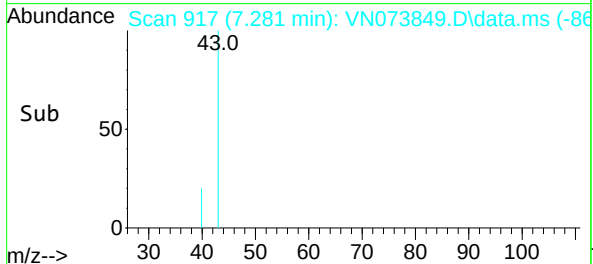
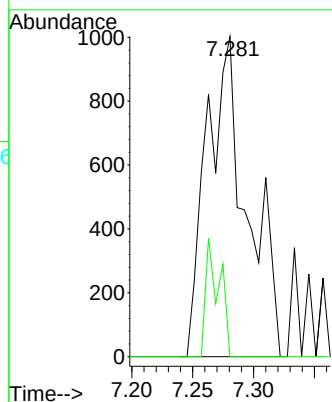
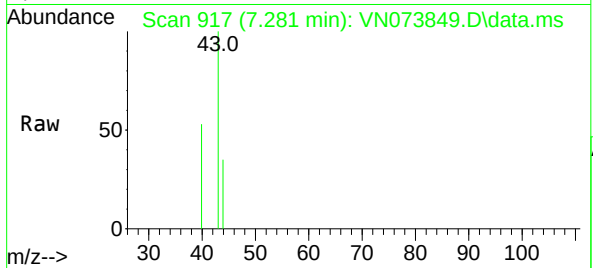




#25
2-Butanone
Concen: 0.563 ug/l
RT: 7.281 min Scan# 913
Delta R.T. 0.024 min
Lab File: VN073849.D
Acq: 12 Aug 2022 14:10

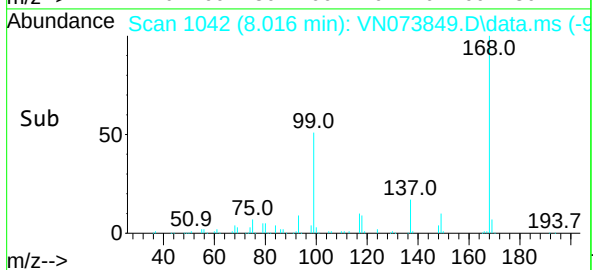
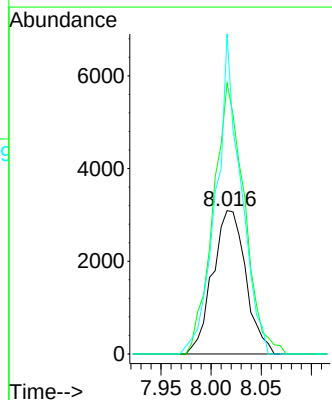
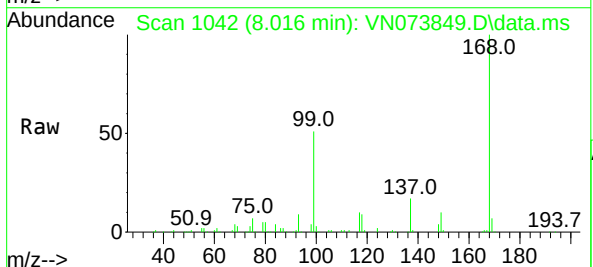
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

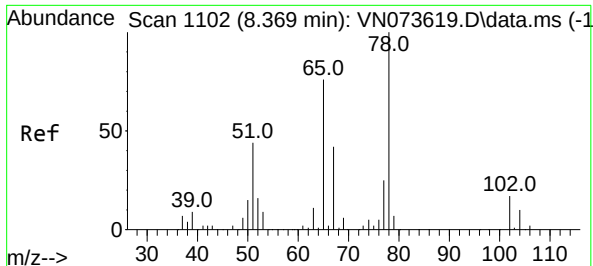
Tgt Ion: 43 Resp: 2313
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 0.967 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073849.D
Acq: 12 Aug 2022 14:10

Tgt Ion: 56 Resp: 7096
Ion Ratio Lower Upper
56 100
69 188.8 27.8 41.8#
84 223.2 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.373 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073849.D

Acq: 12 Aug 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

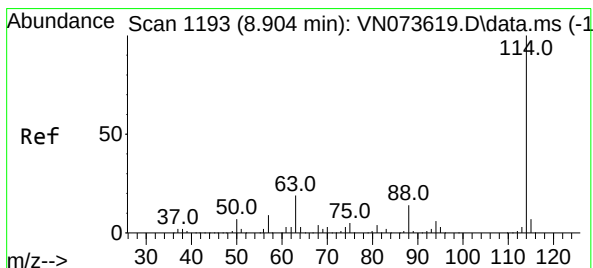
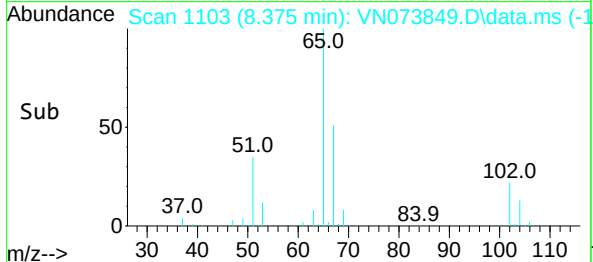
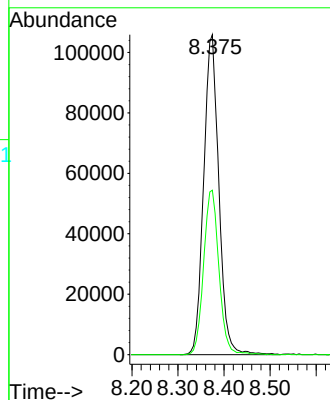
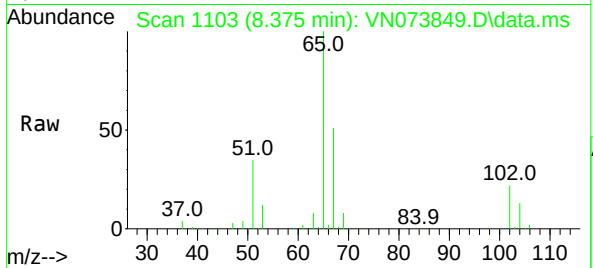
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 243279

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073849.D

Acq: 12 Aug 2022 14:10

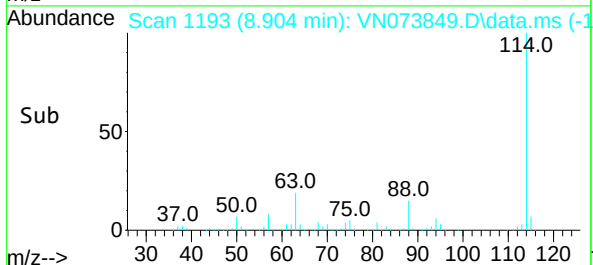
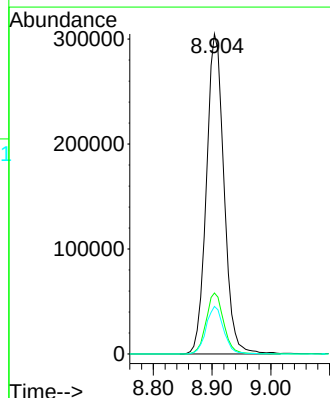
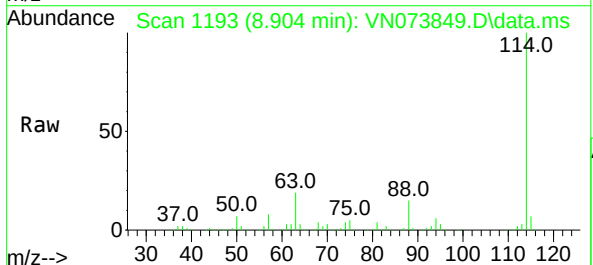
Tgt Ion: 114 Resp: 634337

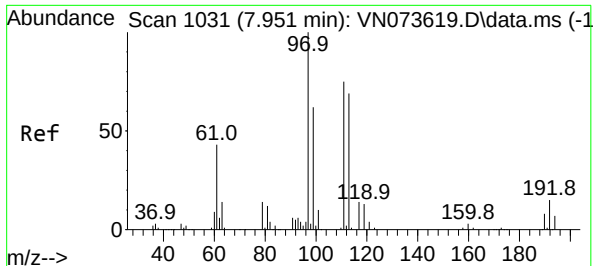
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 57.165 ug/l

RT: 7.957 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN073849.D

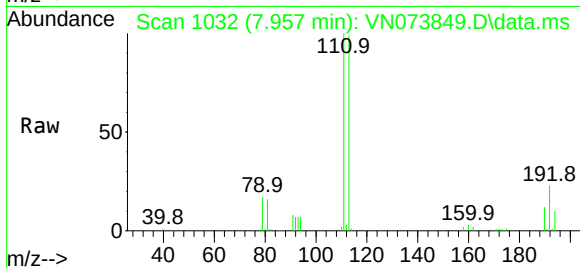
Acq: 12 Aug 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



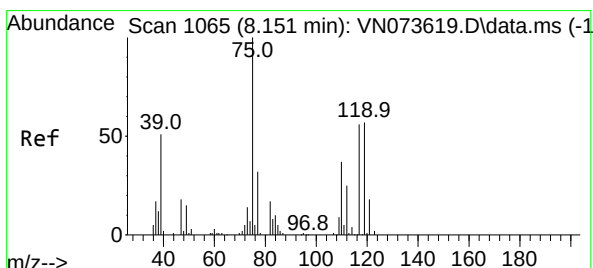
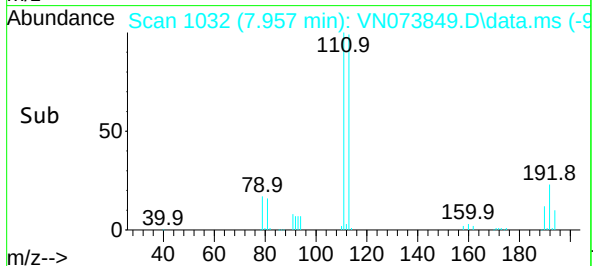
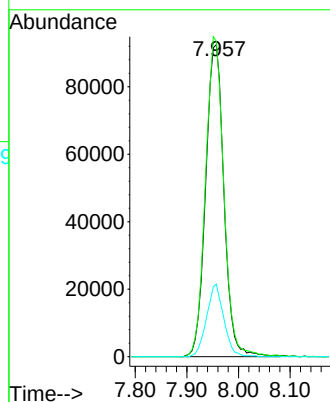
Tgt Ion:113 Resp: 227701

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 21.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.041 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073849.D

Acq: 12 Aug 2022 14:10

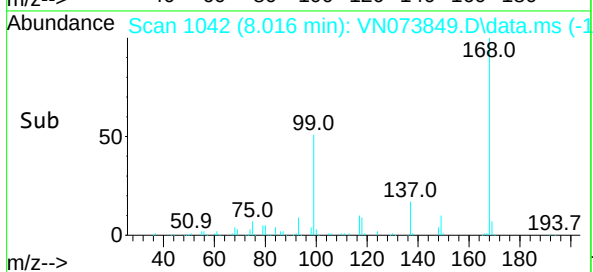
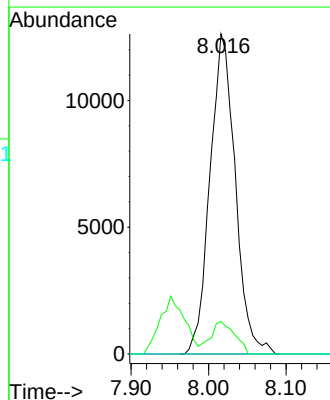
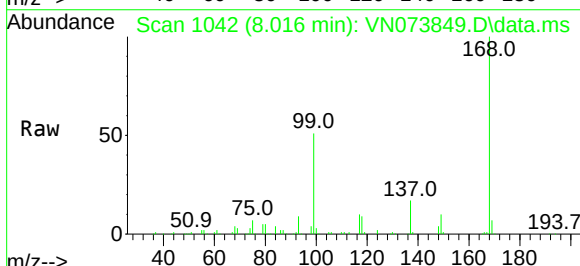
Tgt Ion: 75 Resp: 28616

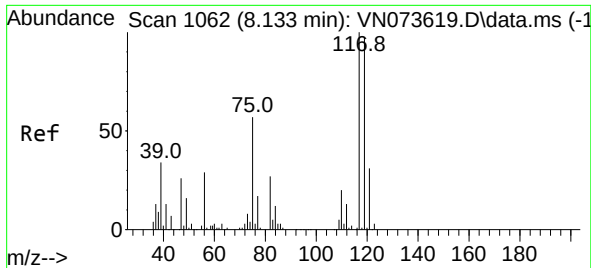
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 25.1 37.7#

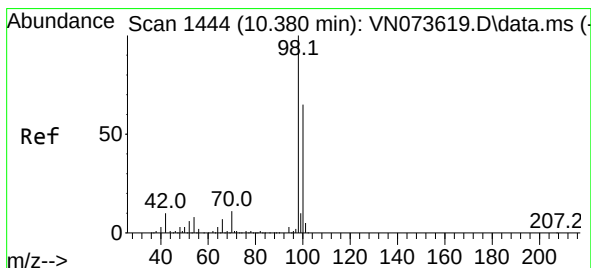
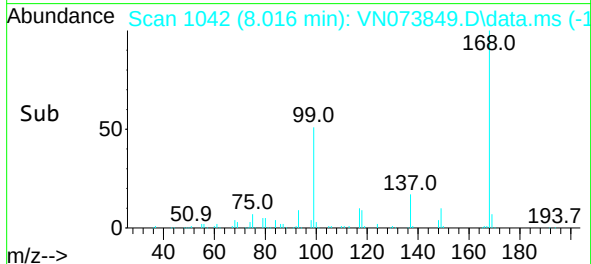
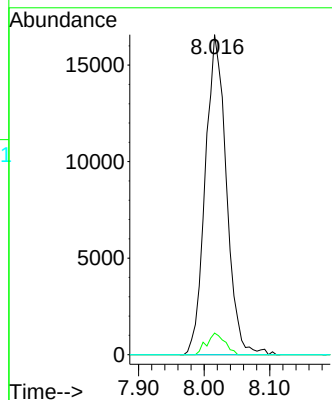
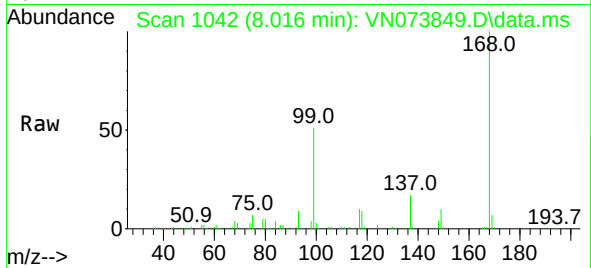




#38
Carbon Tetrachloride
Concen: 6.435 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN073849.D
Acq: 12 Aug 2022 14:10

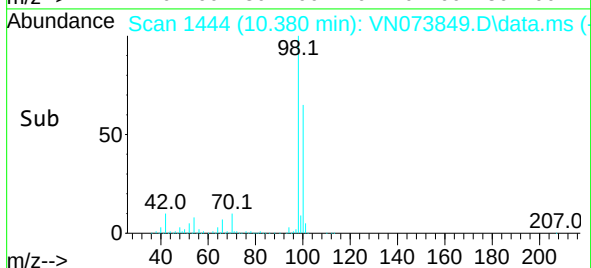
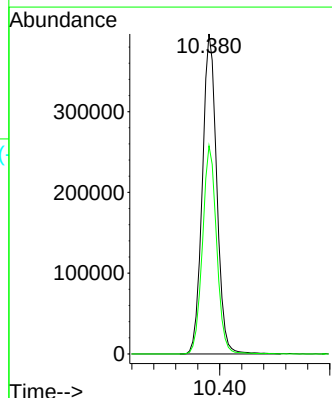
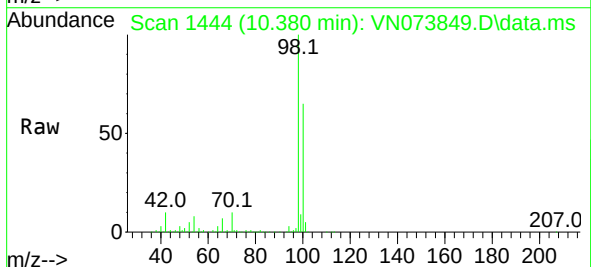
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

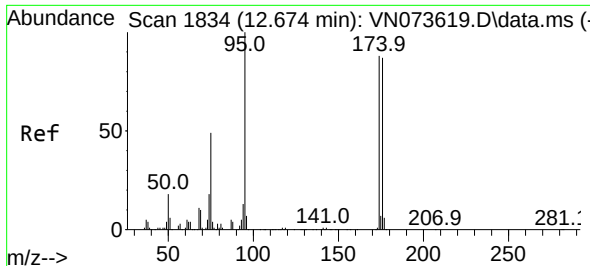
Tgt Ion:117 Resp: 37106
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.939 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073849.D
Acq: 12 Aug 2022 14:10

Tgt Ion: 98 Resp: 720074
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

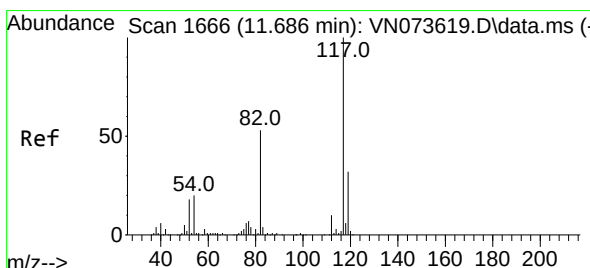
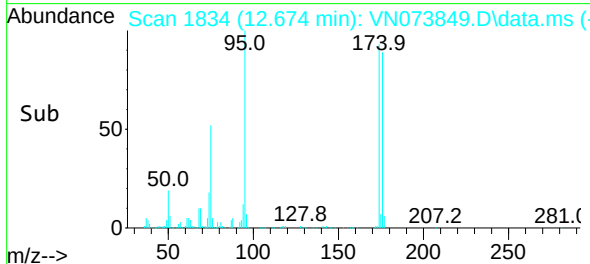
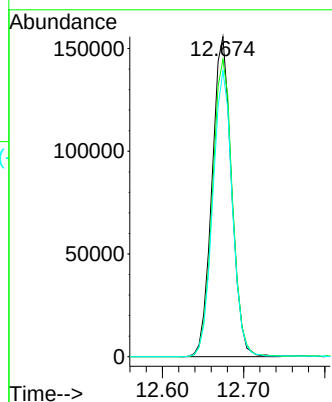
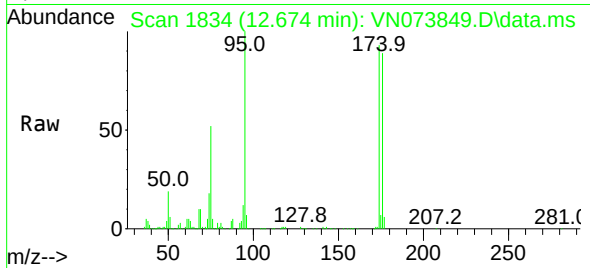




#62
4-Bromofluorobenzene
Concen: 47.431 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073849.D
Acq: 12 Aug 2022 14:10

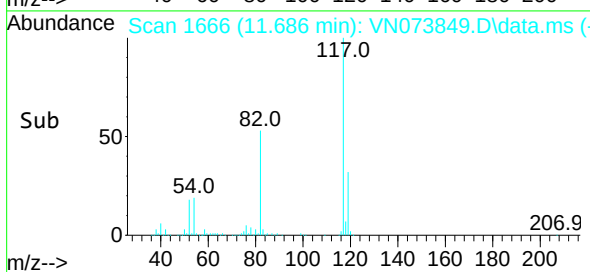
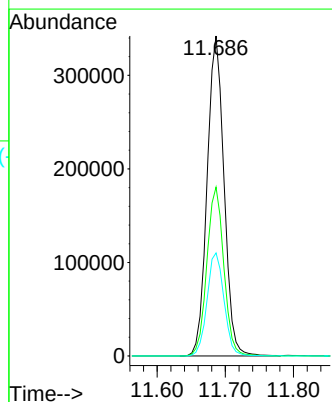
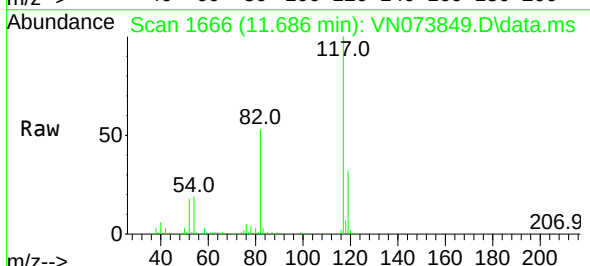
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

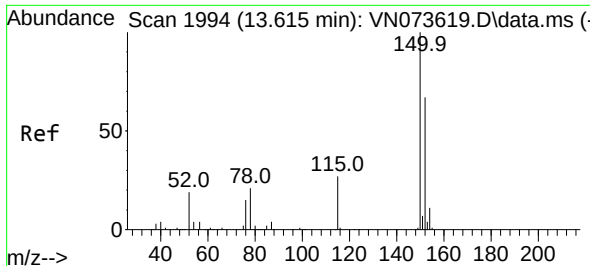
Tgt Ion: 95 Resp: 260167
Ion Ratio Lower Upper
95 100
174 95.0 0.0 167.6
176 89.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073849.D
Acq: 12 Aug 2022 14:10

Tgt Ion: 117 Resp: 590427
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 32.2 25.4 38.0

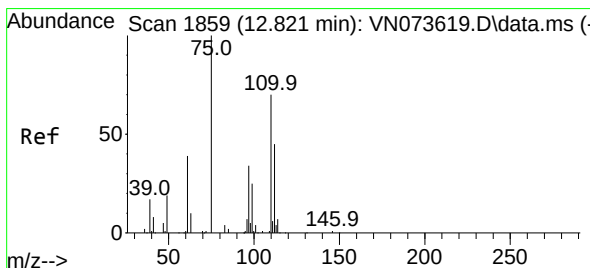
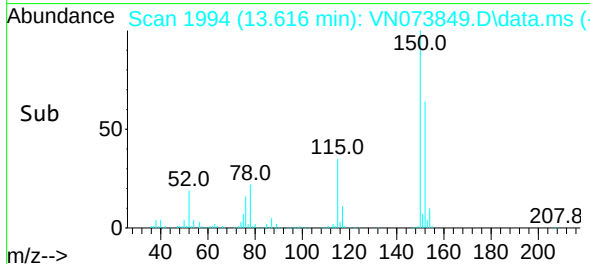
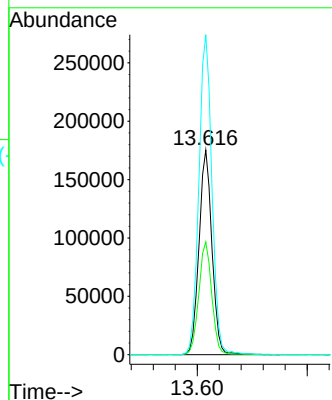
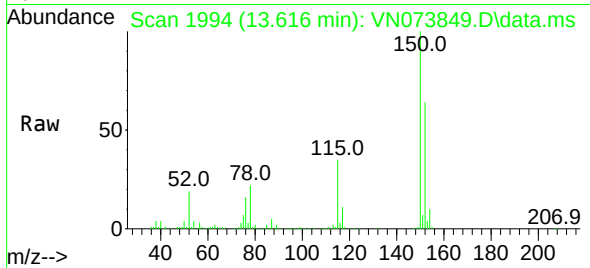




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073849.D
Acq: 12 Aug 2022 14:10

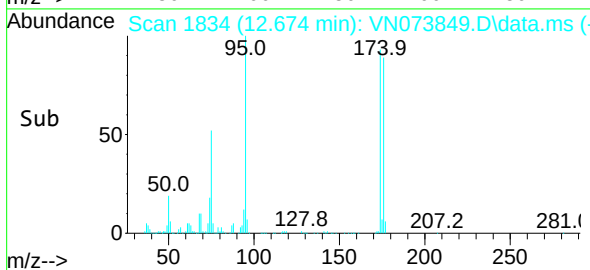
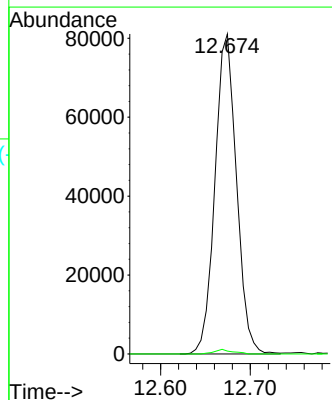
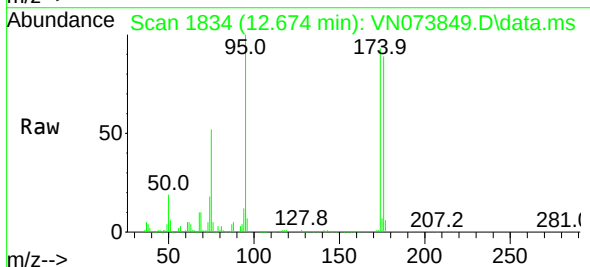
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

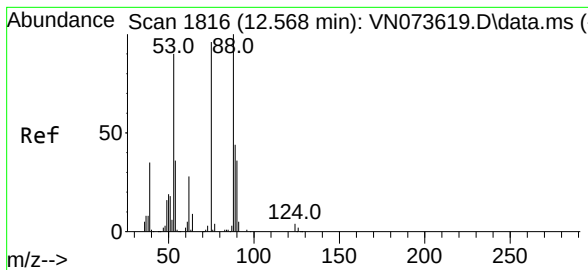
Tgt Ion:152 Resp: 287020
Ion Ratio Lower Upper
152 100
115 55.3 28.9 86.7
150 157.6 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 24.013 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073849.D
Acq: 12 Aug 2022 14:10

Tgt Ion: 75 Resp: 135072
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.987 ug/l
 RT: 12.674 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN073849.D
 Acq: 12 Aug 2022 14:10

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

Tgt Ion: 75 Resp: 135072
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#

