

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073759.D
 Acq On : 05 Aug 2022 13:51
 Operator : JC\MD
 Sample : N4071-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 07 20:50:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

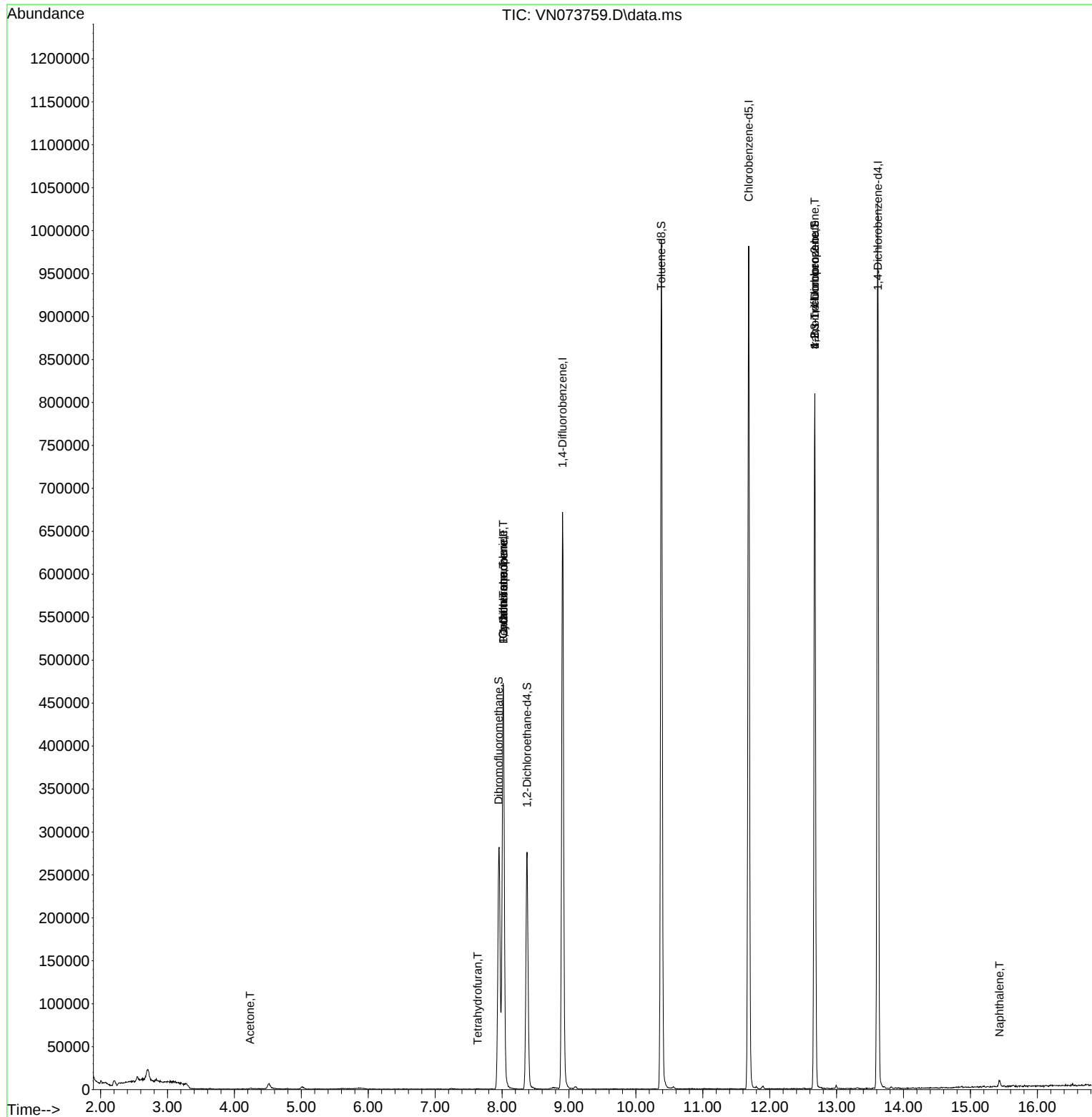
Internal Standards						
1) Pentafluorobenzene	8.022	168	385518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	616595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	585216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	291094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	225023	47.896	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.800%		
35) Dibromofluoromethane	7.951	113	212354	54.846	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.700%		
50) Toluene-d8	10.380	98	689221	45.236	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.480%		
62) 4-Bromofluorobenzene	12.674	95	264959	51.709	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.420%		
Target Compounds						
3) Chloromethane	2.269	50	1120	Below Cal	#	77
6) Chloroethane	2.946	64	821	Below Cal	#	42
16) Acetone	4.234	43	938	0.372	ug/l	95
20) Methylene Chloride	5.016	84	2245	Below Cal	#	85
29) Tetrahydrofuran	7.633	42	505	0.204	ug/l	# 29
31) Cyclohexane	8.016	56	7084	1.013	ug/l	# 27
36) 1,1-Dichloropropene	8.022	75	27937	5.063	ug/l	# 49
38) Carbon Tetrachloride	8.016	117	36790	6.564	ug/l	# 17
76) 1,2,3-Trichloropropane	12.674	75	135801	23.775	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.674	75	135801	60.458	ug/l	# 10
95) Naphthalene	15.433	128	7958	0.481	ug/l	# 96

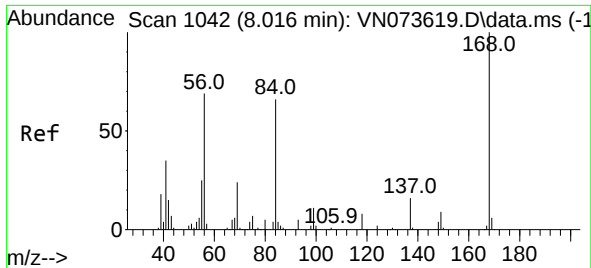
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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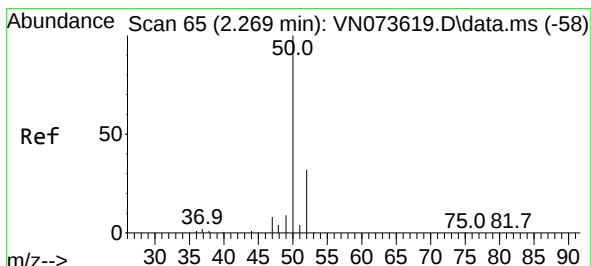
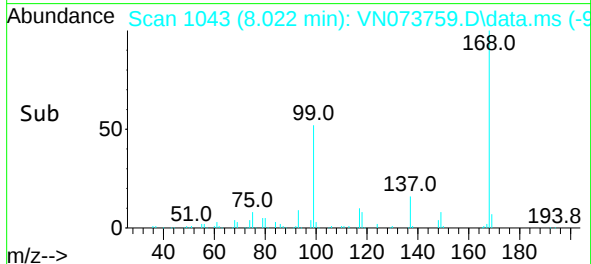
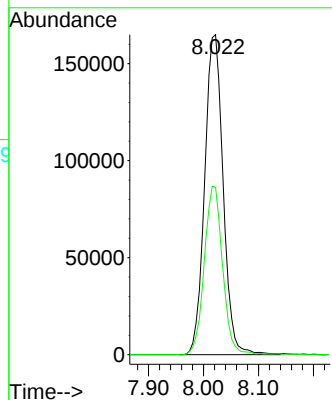
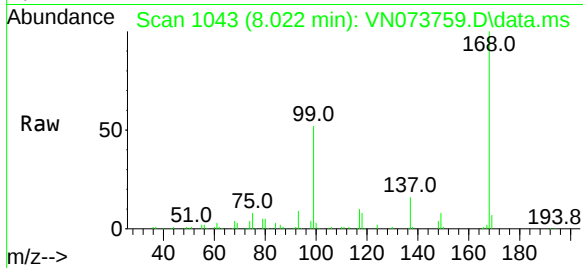




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

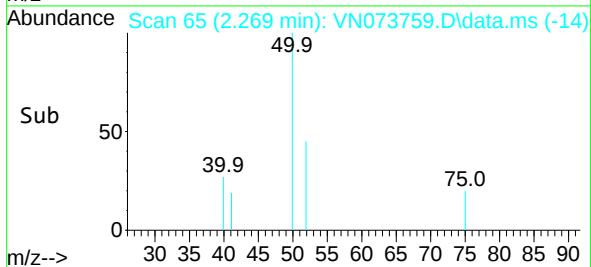
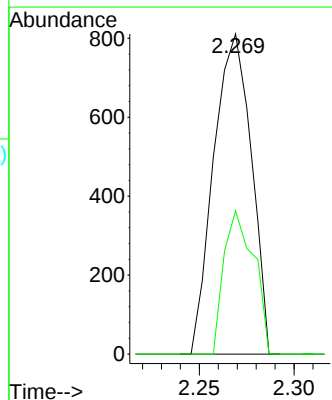
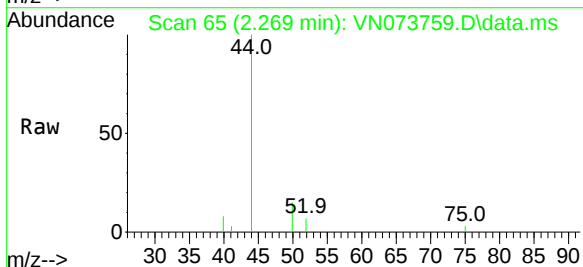
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

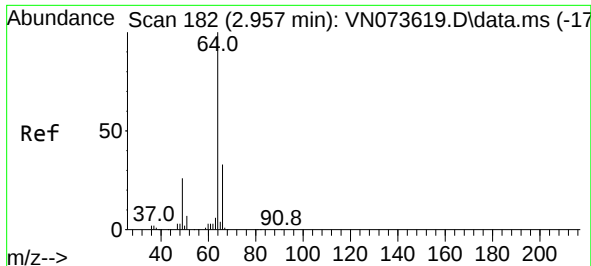
Tgt Ion:168 Resp: 385518
Ion Ratio Lower Upper
168 100
99 52.4 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

Tgt Ion: 50 Resp: 1120
Ion Ratio Lower Upper
50 100
52 44.8 25.7 38.5#

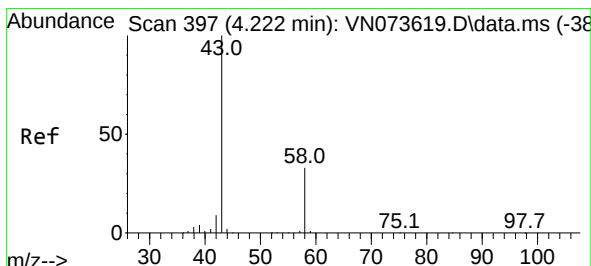
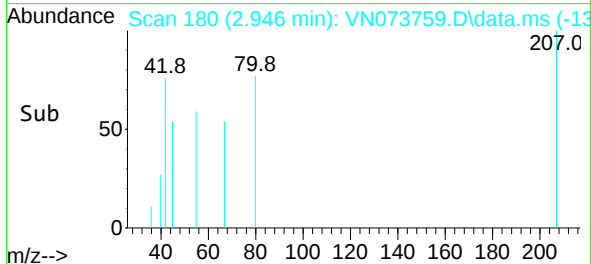
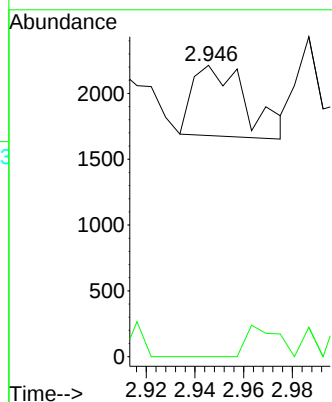
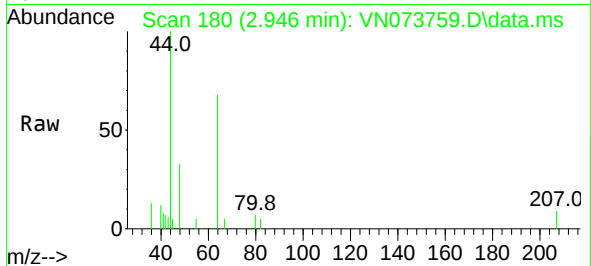




#6
Chloroethane
Concen: Below Cal
RT: 2.946 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

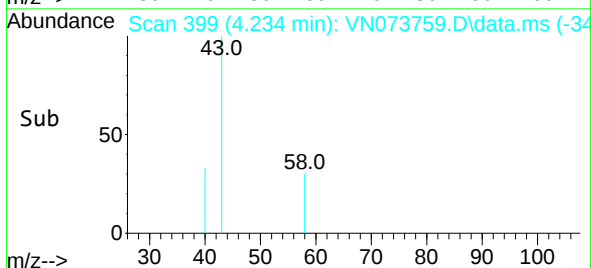
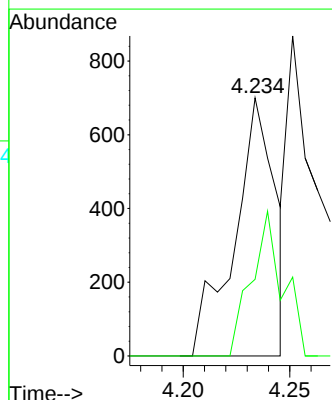
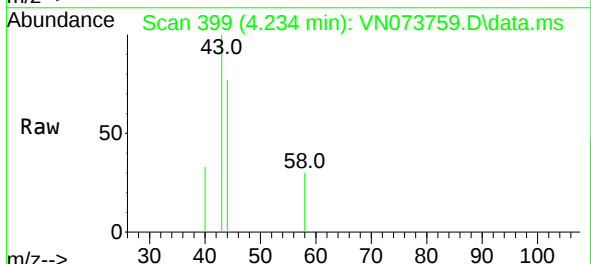
Instrument :
MSVOA_N
ClientSampleId :
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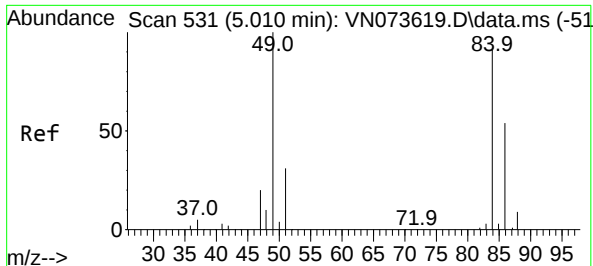
Tgt Ion: 64 Resp: 821
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 0.372 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

Tgt Ion: 43 Resp: 938
Ion Ratio Lower Upper
43 100
58 29.7 26.0 39.0

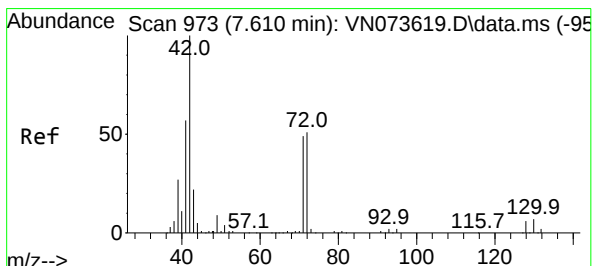
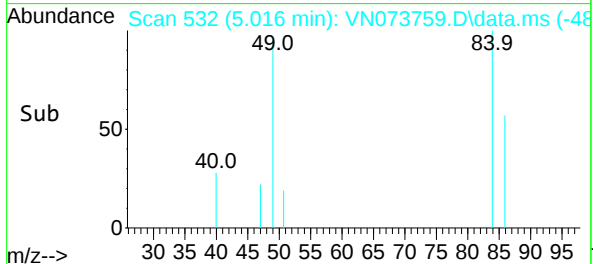
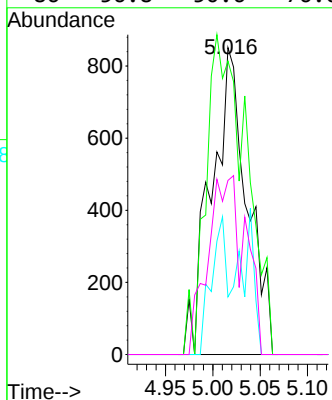
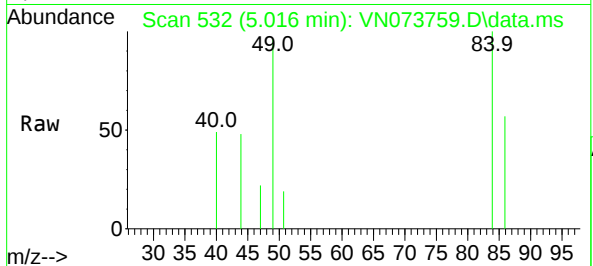




#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

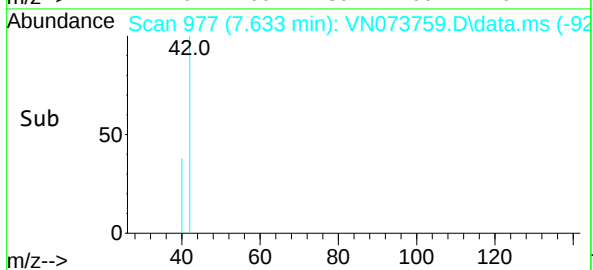
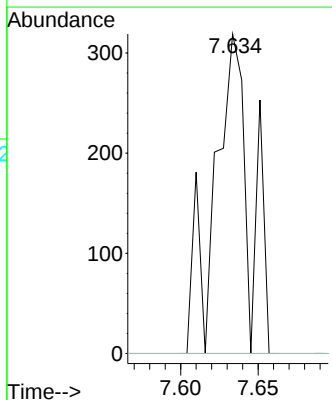
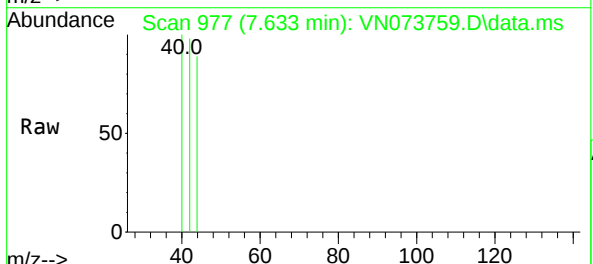
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

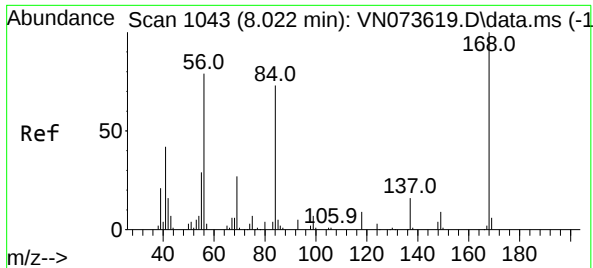
Tgt Ion: 84	Resp: 2245
Ion Ratio	Lower Upper
84 100	
49 95.7	88.3 132.5
51 18.8	28.2 42.2#
86 56.8	50.6 76.0



#29
Tetrahydrofuran
Concen: 0.204 ug/l
RT: 7.633 min Scan# 977
Delta R.T. 0.023 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

Tgt Ion: 42	Resp: 505
Ion Ratio	Lower Upper
42 100	
72 0.0	39.7 59.5#
71 0.0	36.6 55.0#

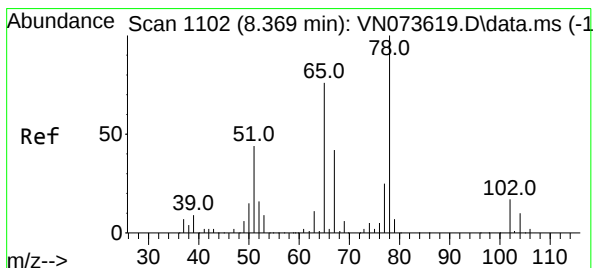
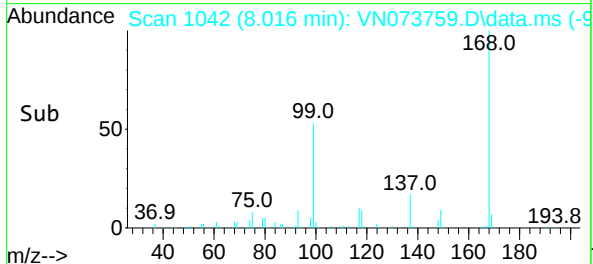
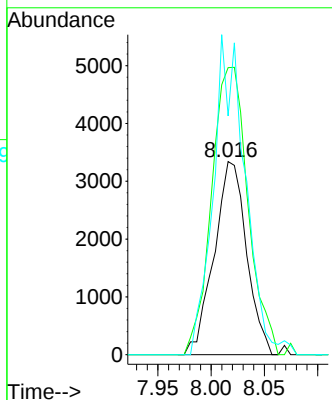
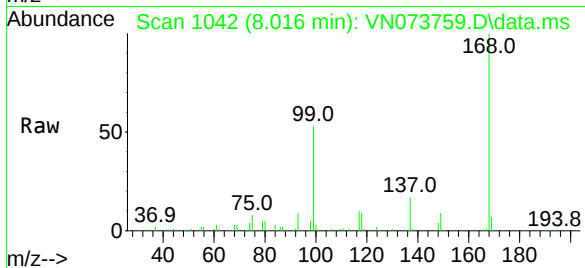




#31
Cyclohexane
Concen: 1.013 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

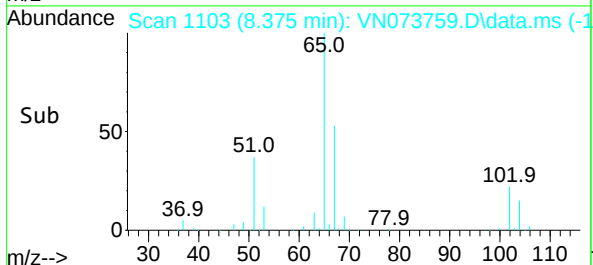
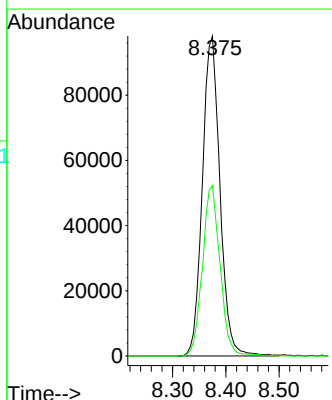
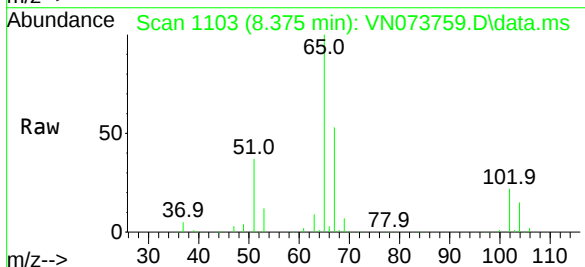
Instrument :
MSVOA_N
ClientSampleId :
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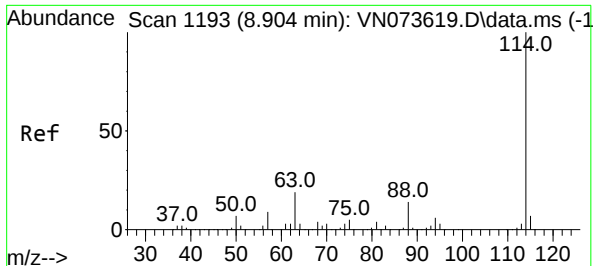
Tgt Ion: 56 Resp: 7084
Ion Ratio Lower Upper
56 100
69 148.6 27.8 41.8#
84 123.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.896 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

Tgt Ion: 65 Resp: 225023
Ion Ratio Lower Upper
65 100
67 53.3 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: VN073759.D

Acq: 05 Aug 2022 13:51

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

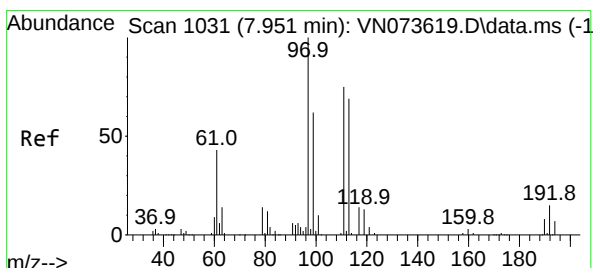
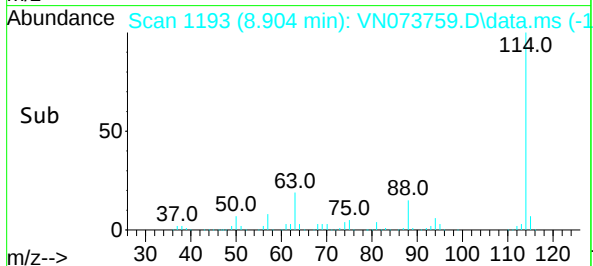
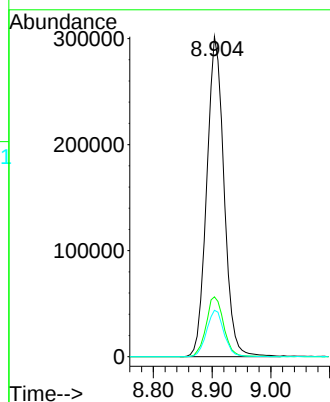
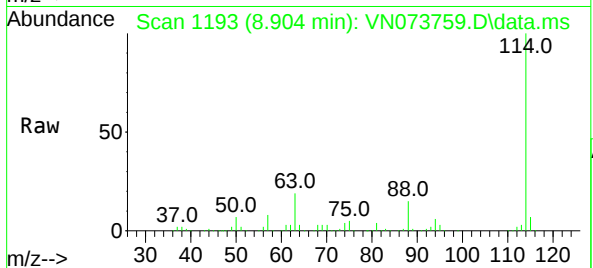
Tgt Ion:114 Resp: 616595

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 14.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.846 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073759.D

Acq: 05 Aug 2022 13:51

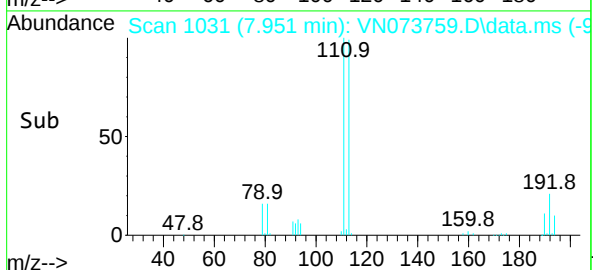
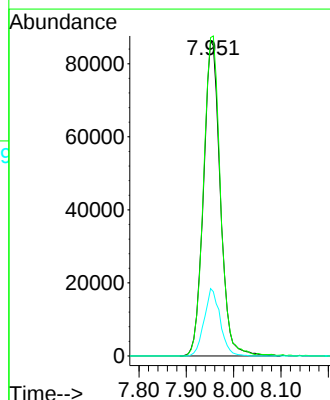
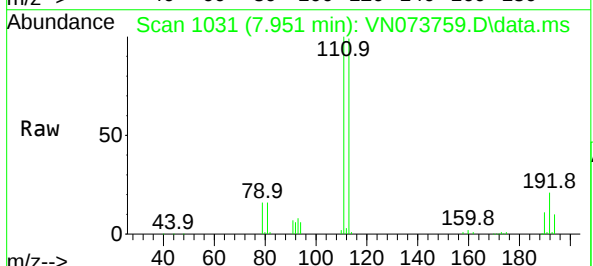
Tgt Ion:113 Resp: 212354

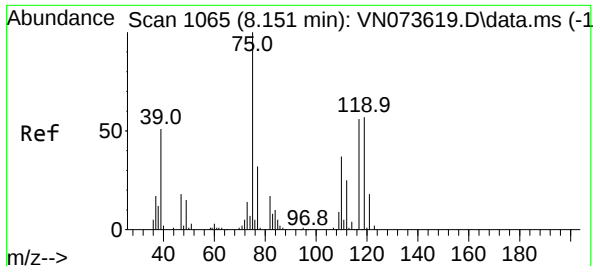
Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 20.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.063 ug/l

RT: 8.022 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN073759.D

Acq: 05 Aug 2022 13:51

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

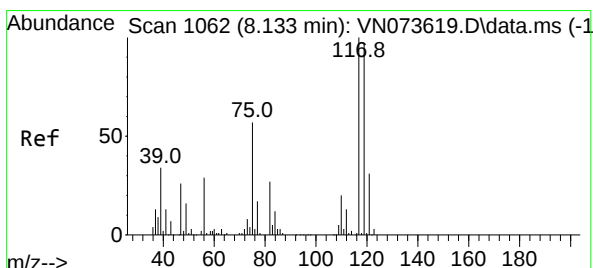
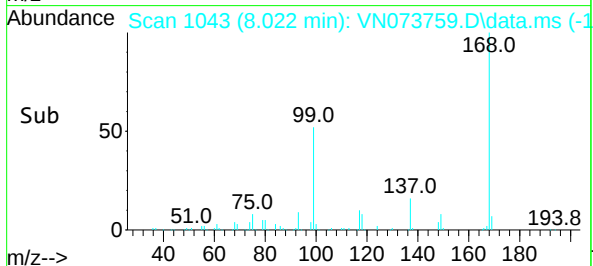
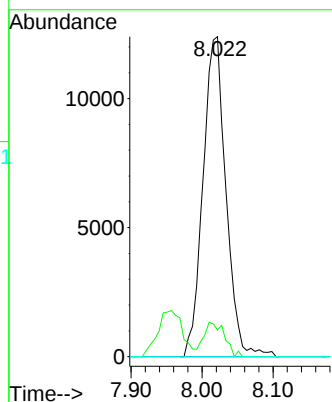
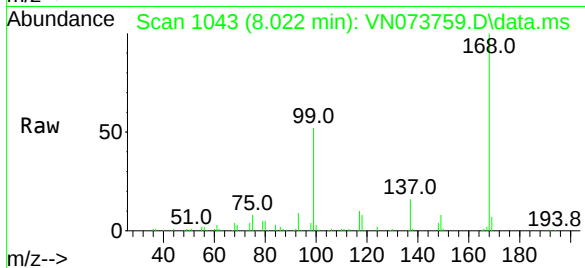
Tgt Ion: 75 Resp: 27937

Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.564 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073759.D

Acq: 05 Aug 2022 13:51

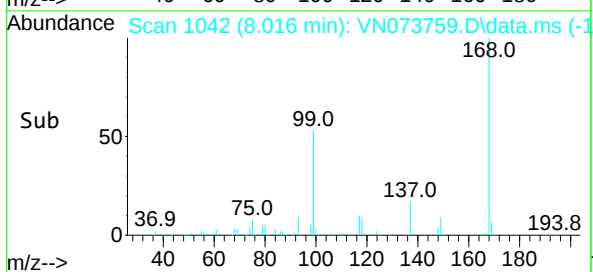
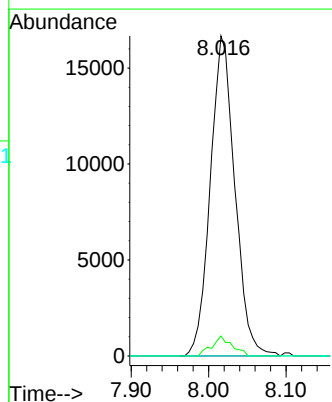
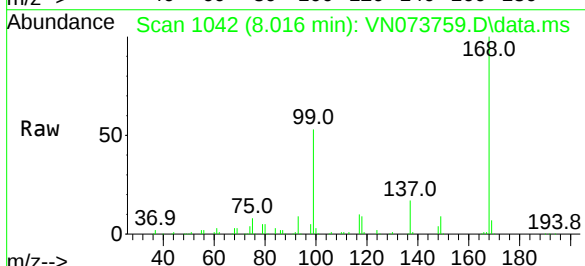
Tgt Ion: 117 Resp: 36790

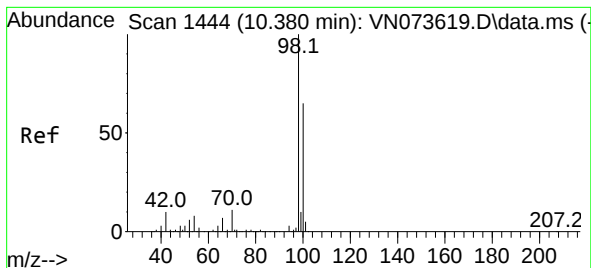
Ion Ratio Lower Upper

117 100

119 6.3 75.8 113.8#

121 0.0 24.6 37.0#

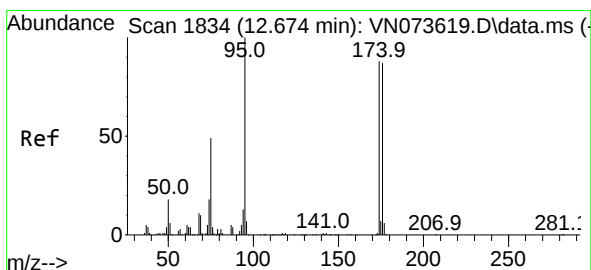
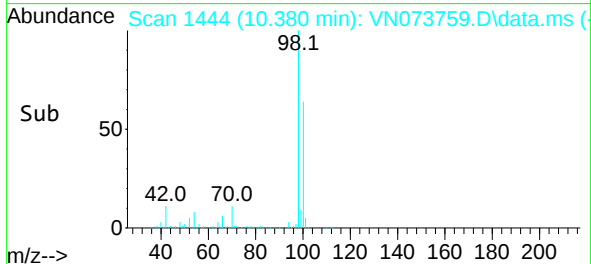
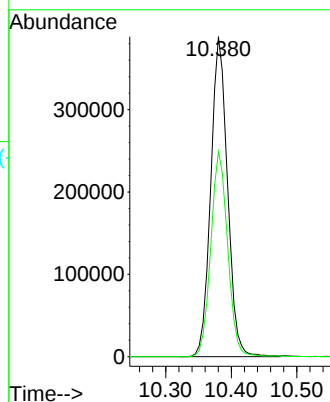
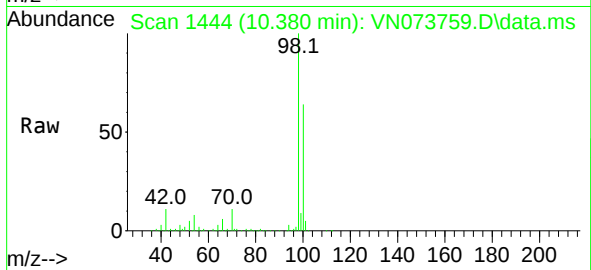




#50
Toluene-d8
Concen: 45.236 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

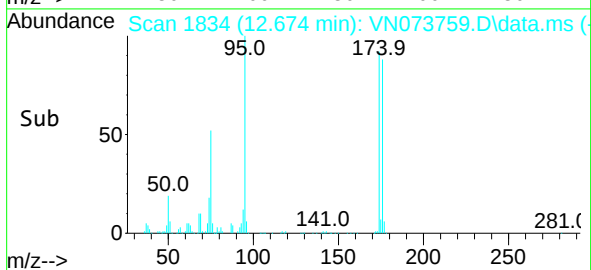
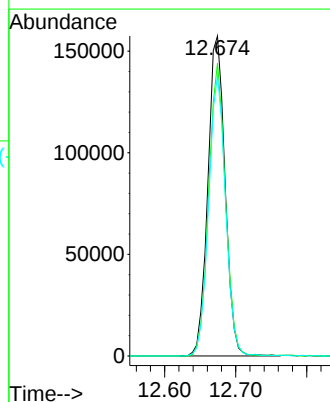
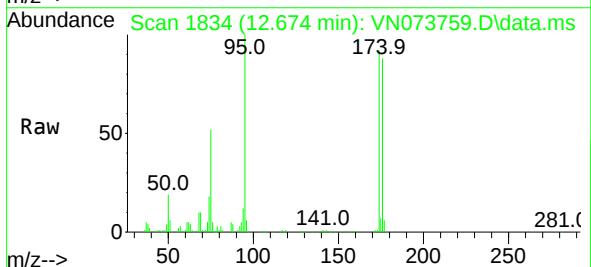
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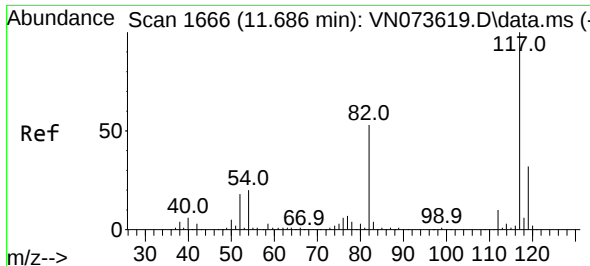
Tgt Ion: 98 Resp: 689221
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.709 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

Tgt Ion: 95 Resp: 264959
Ion Ratio Lower Upper
95 100
174 89.7 0.0 167.6
176 86.0 0.0 163.4

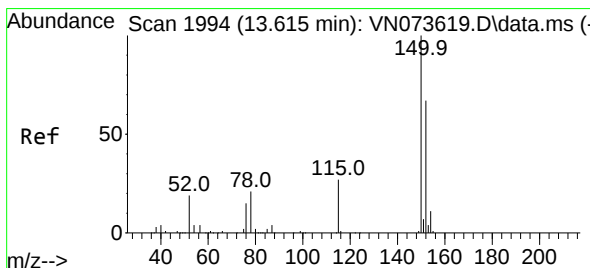
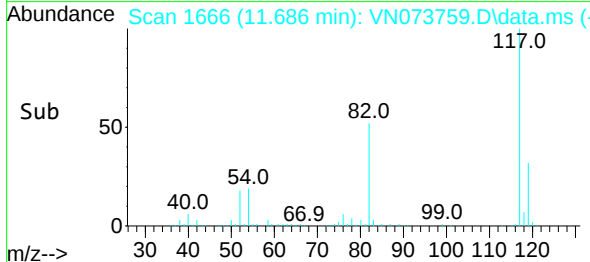
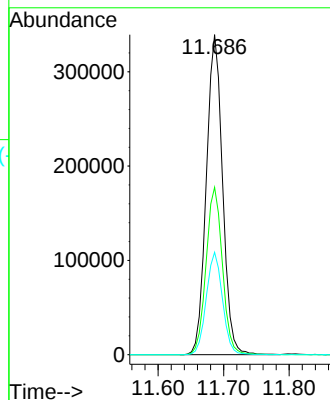
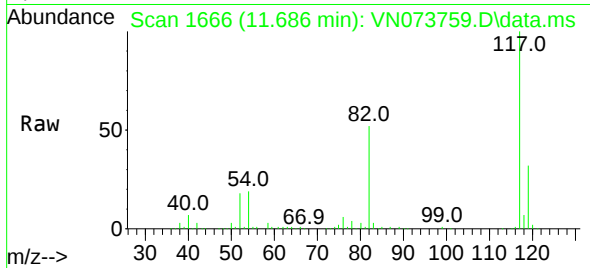




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

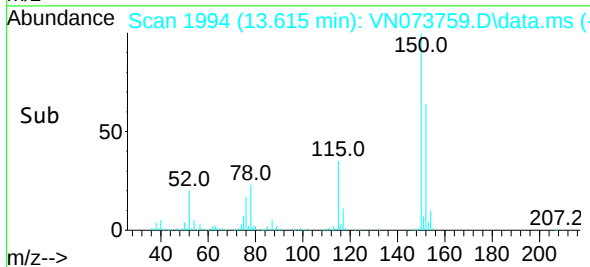
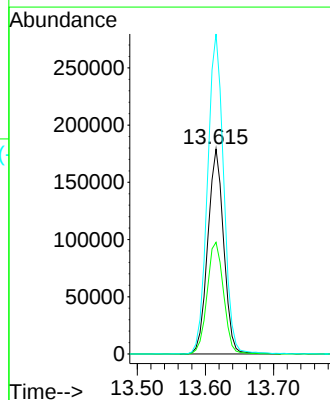
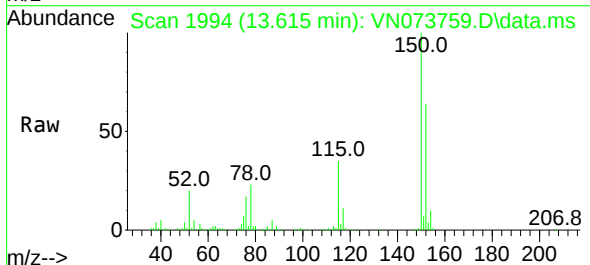
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

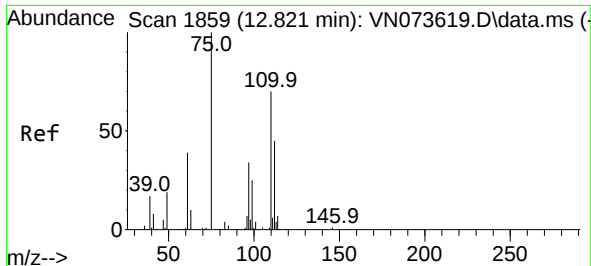
Tgt Ion:117 Resp: 585216
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

Tgt Ion:152 Resp: 291094
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 158.7 0.0 356.2

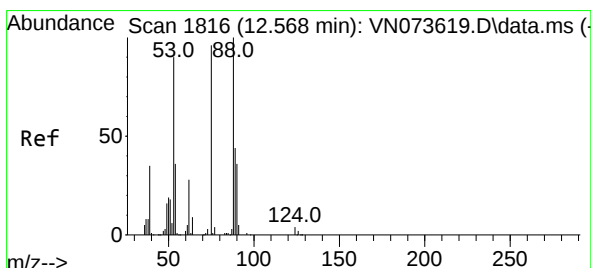
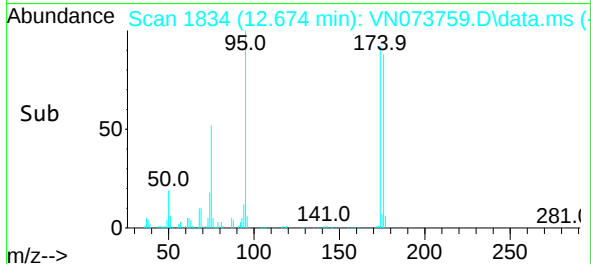
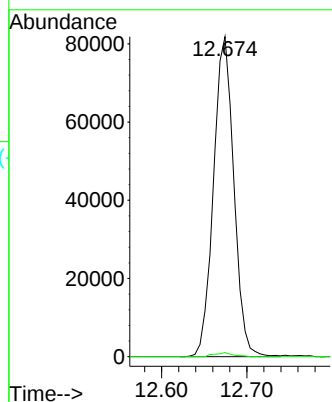
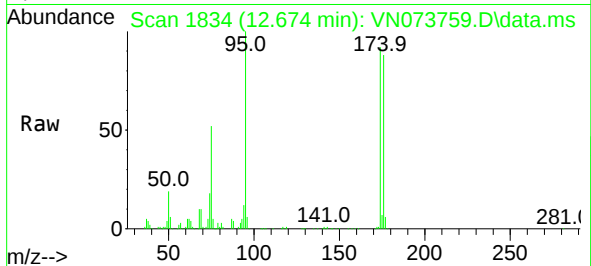




#76
1,2,3-Trichloropropane
Concen: 23.775 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

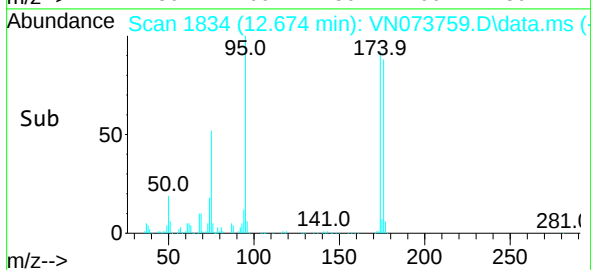
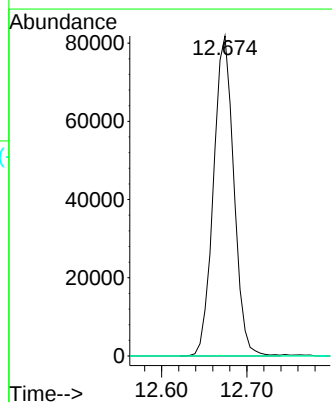
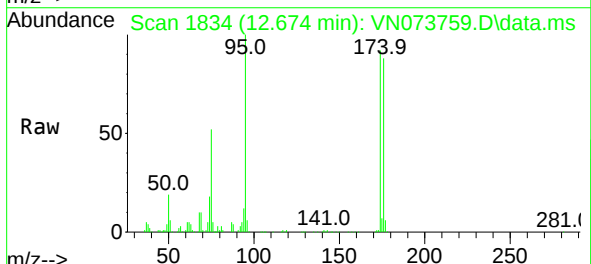
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

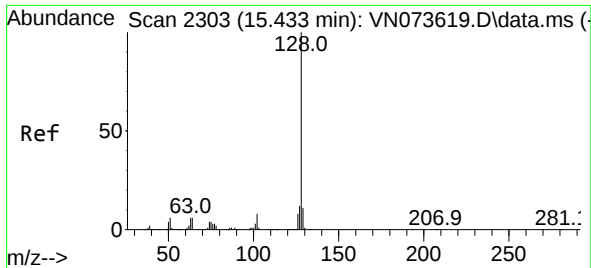
Tgt Ion: 75 Resp: 135801
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.458 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

Tgt Ion: 75 Resp: 135801
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.481 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073759.D
Acq: 05 Aug 2022 13:51

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	13.4	8.6	13.0

