

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072741.D
 Acq On : 09 Jun 2022 19:31
 Operator : JC\MD
 Sample : N3195-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 10 01:46:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

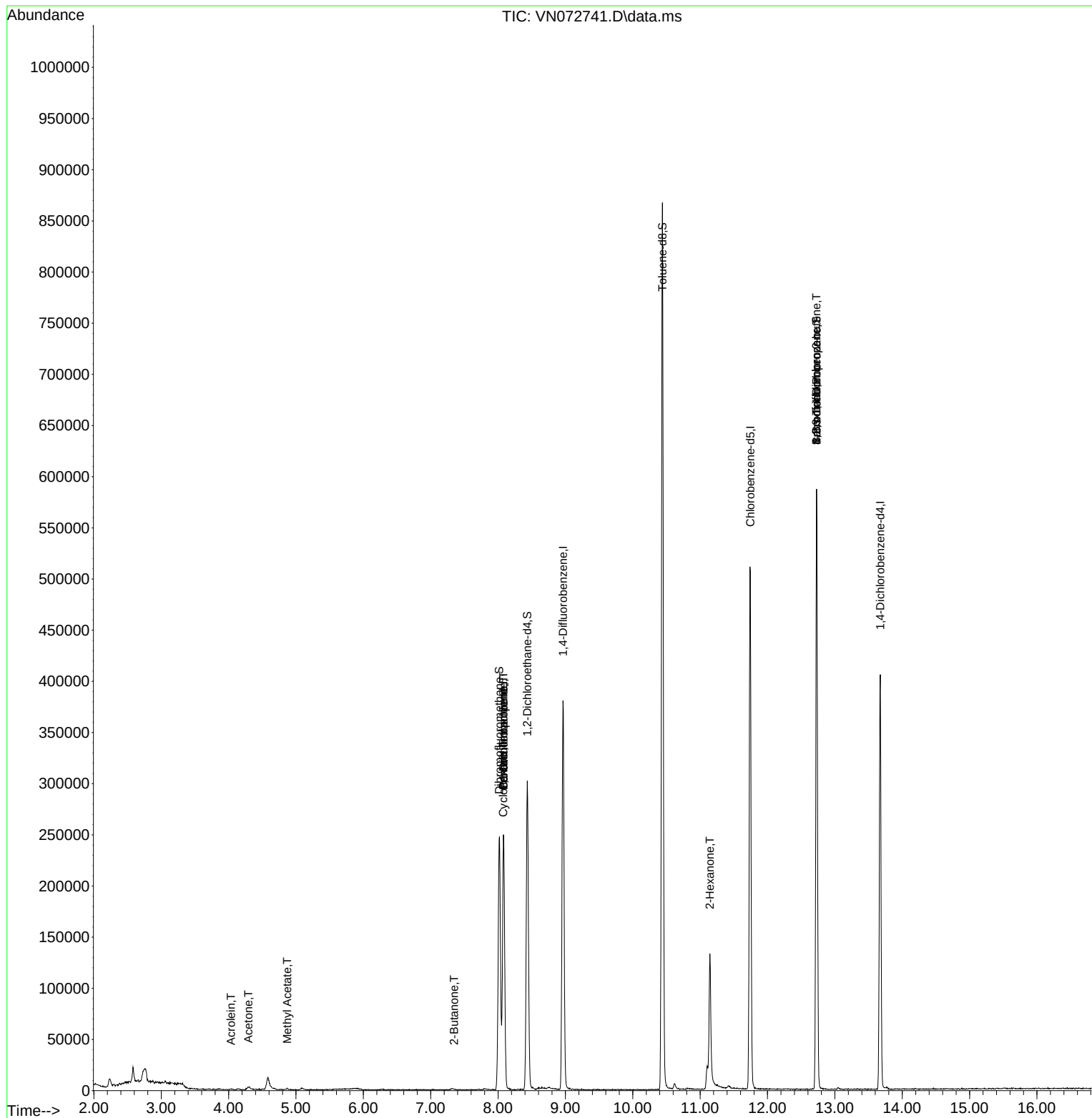
Internal Standards						
1) Pentafluorobenzene	8.081	168	159232	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	311709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	270050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	93837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	251464	58.840	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 117.680%	
35) Dibromofluoromethane	8.016	113	177542	57.563	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 115.120%	
50) Toluene-d8	10.439	98	569599	46.287	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 92.580%	
62) 4-Bromofluorobenzene	12.727	95	196582	46.554	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.100%	
Target Compounds						
						Qvalue
3) Chloromethane	2.299	50	691	Below Cal		89
5) Bromomethane	2.810	94	57	Below Cal	#	2
6) Chloroethane	3.022	64	408	Below Cal	#	42
13) Acrolein	4.034	56	209	0.496	ug/l #	16
16) Acetone	4.293	43	5109	2.495	ug/l	100
18) Methyl Acetate	4.869	43	2231	0.419	ug/l #	63
25) 2-Butanone	7.345	43	1088	0.330	ug/l #	45
31) Cyclohexane	8.075	56	5382	0.486	ug/l #	41
36) 1,1-Dichloropropene	8.081	75	16972	3.964	ug/l #	50
38) Carbon Tetrachloride	8.081	117	19081	4.171	ug/l #	18
59) 2-Hexanone	11.145	43	47102	9.495	ug/l #	35
71) Bromoform	12.727	173	1185	0.589	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	116264	38.396	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	116264	100.415	ug/l #	10

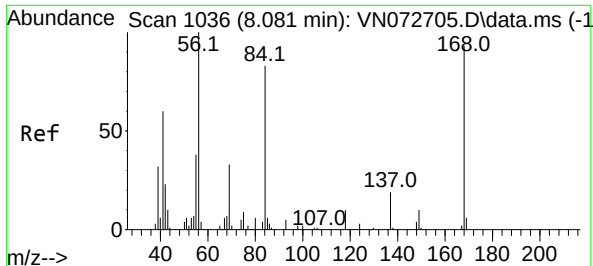
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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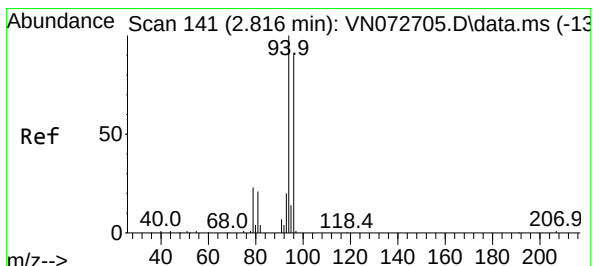
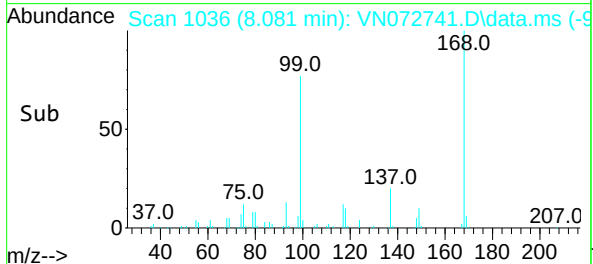
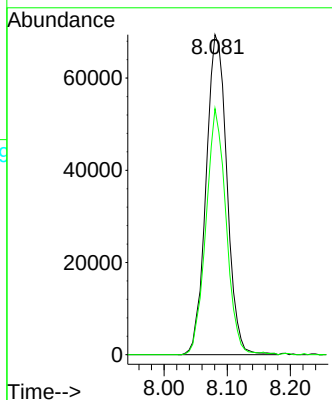
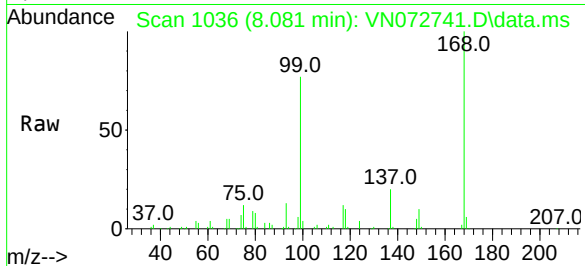




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

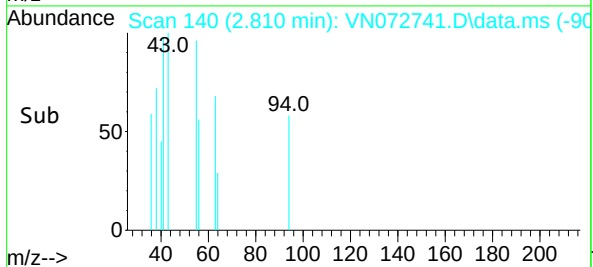
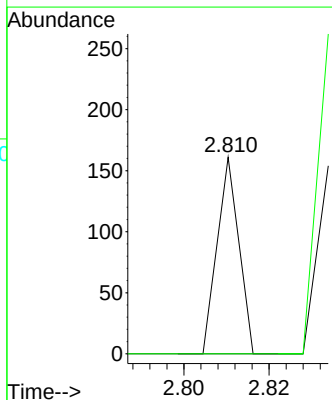
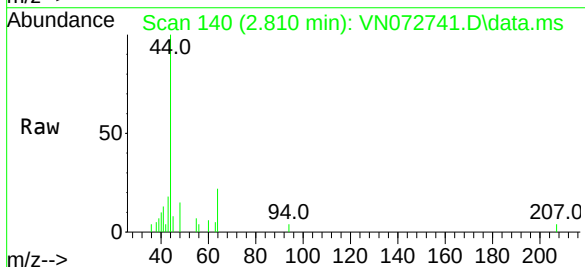
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

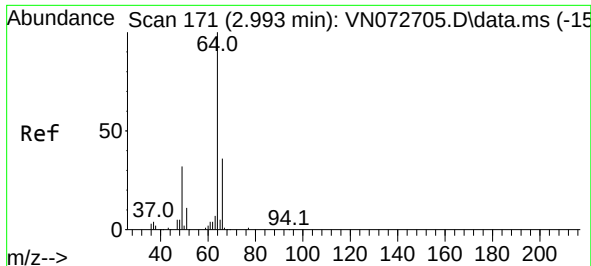
Tgt Ion:168 Resp: 159232
Ion Ratio Lower Upper
168 100
99 76.9 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.810 min Scan# 140
Delta R.T. -0.006 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

Tgt Ion: 94 Resp: 57
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

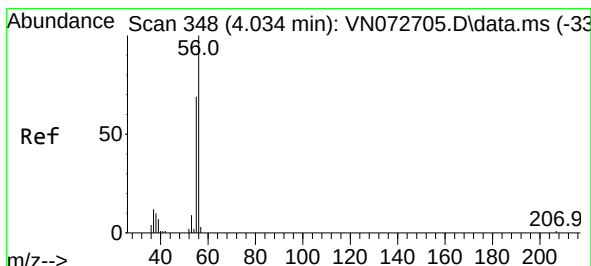
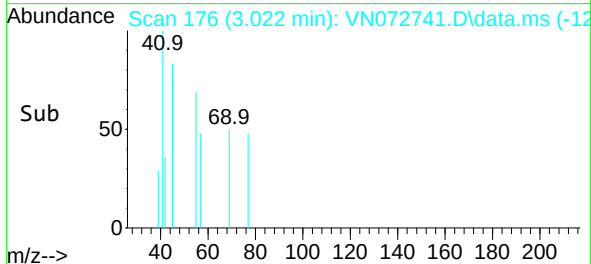
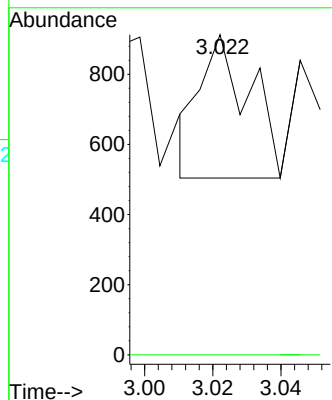
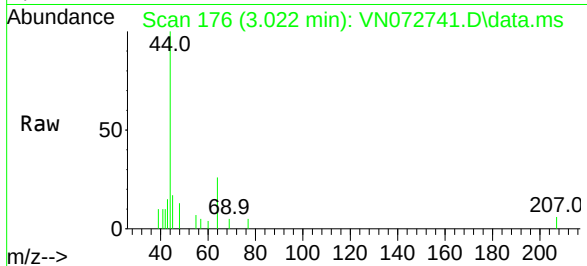




#6
Chloroethane
Concen: Below Cal
RT: 3.022 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

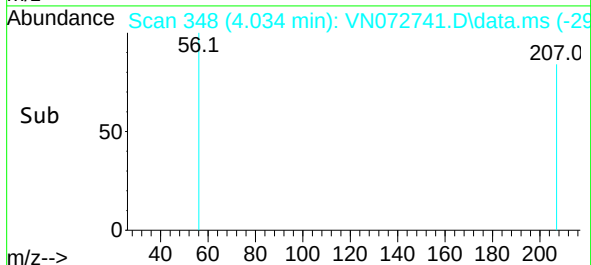
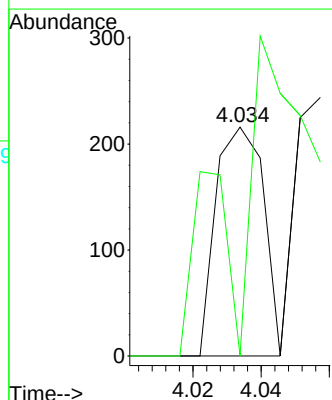
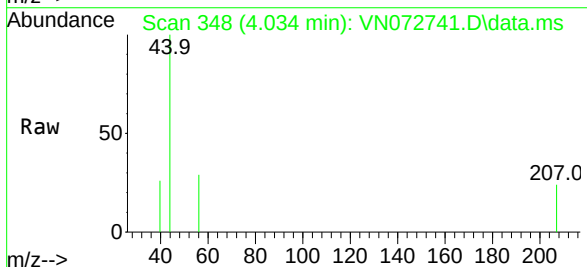
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

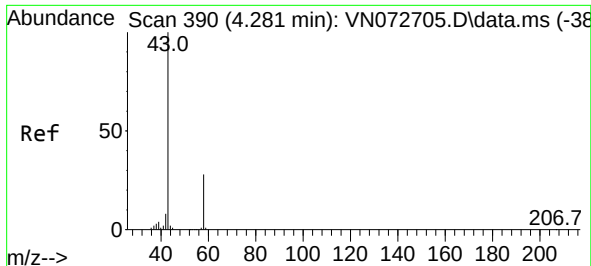
Tgt Ion: 64 Resp: 408
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#13
Acrolein
Concen: 0.496 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

Tgt Ion: 56 Resp: 209
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

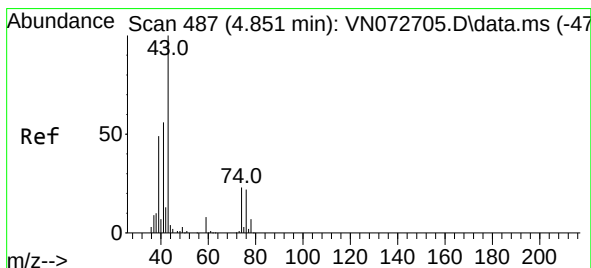
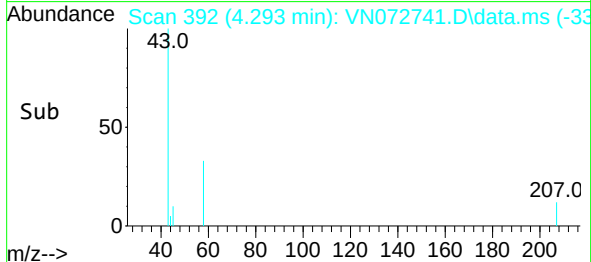
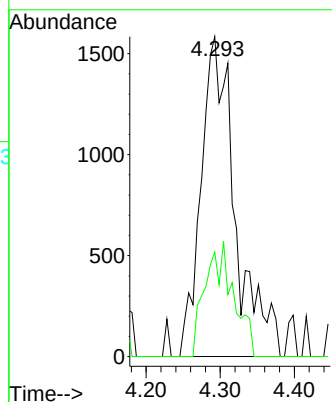
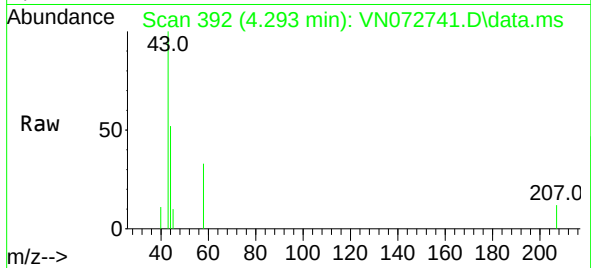




#16
Acetone
Concen: 2.495 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

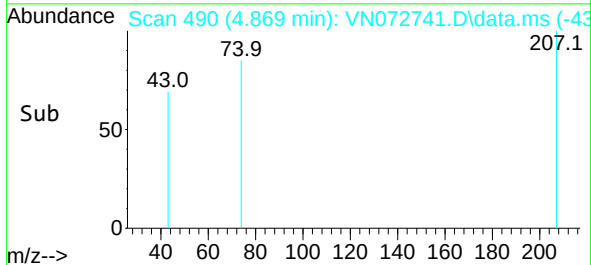
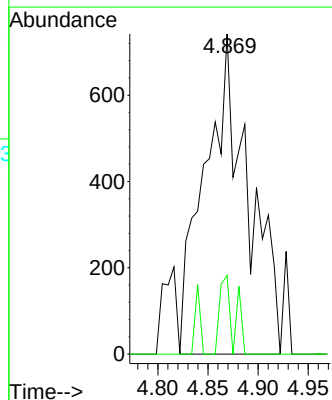
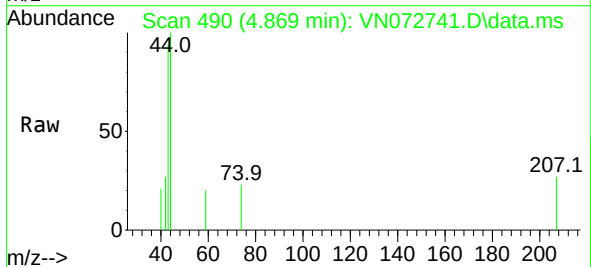
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

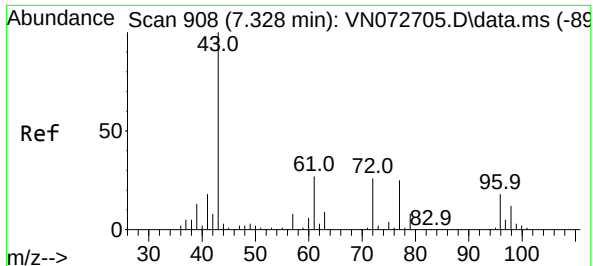
Tgt Ion: 43 Resp: 5109
Ion Ratio Lower Upper
43 100
58 32.7 26.0 39.0



#18
Methyl Acetate
Concen: 0.419 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.018 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

Tgt Ion: 43 Resp: 2231
Ion Ratio Lower Upper
43 100
74 7.9 21.6 32.4#





#25

2-Butanone

Concen: 0.330 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.017 min

Lab File: VN072741.D

Acq: 09 Jun 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

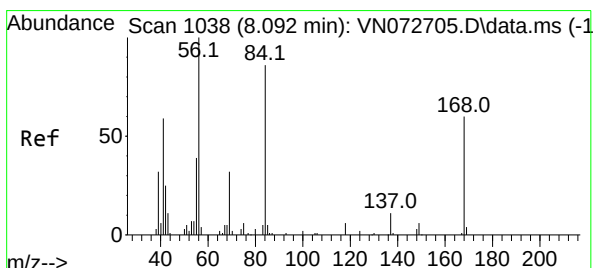
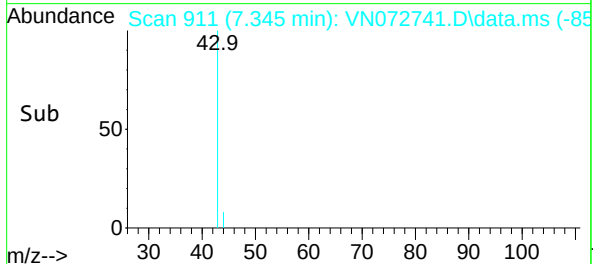
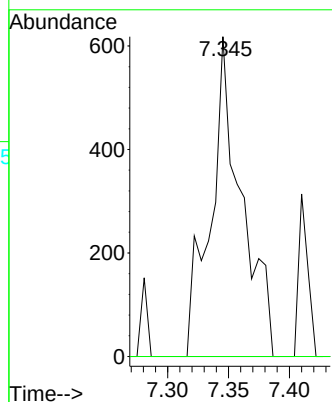
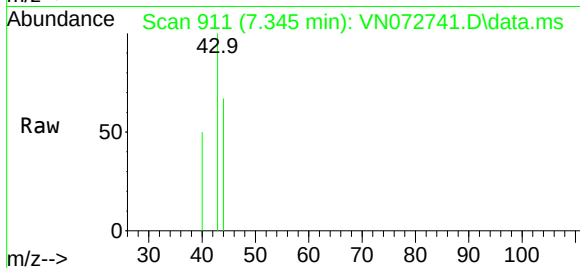
STORAGE-BLANK-SOIL-REF-6RE

Tgt Ion: 43 Resp: 1088

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 0.486 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.017 min

Lab File: VN072741.D

Acq: 09 Jun 2022 19:31

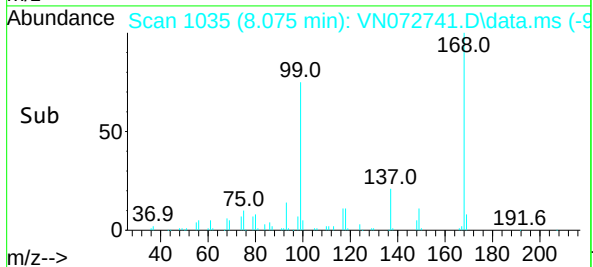
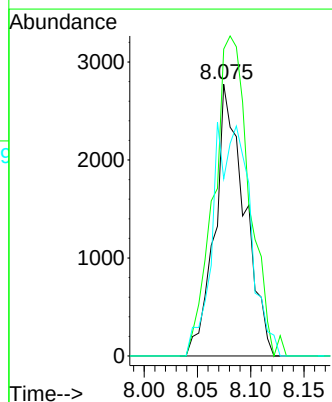
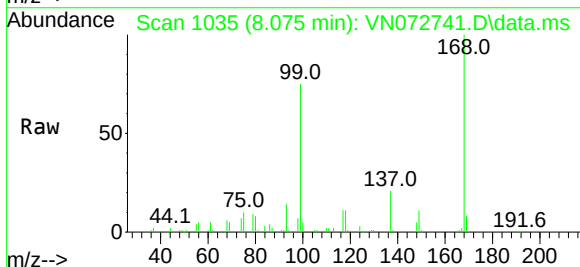
Tgt Ion: 56 Resp: 5382

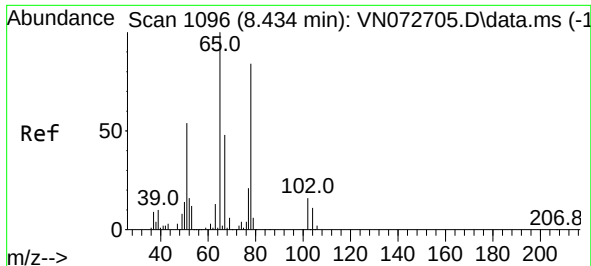
Ion Ratio Lower Upper

56 100

69 112.9 27.8 41.8#

84 65.2 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 58.840 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072741.D

Acq: 09 Jun 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

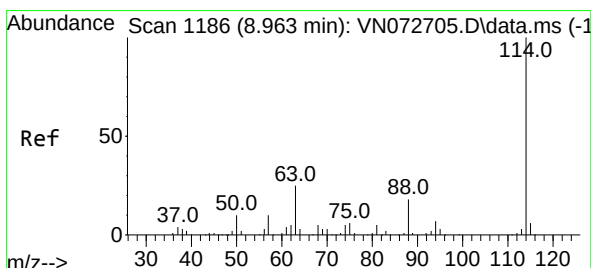
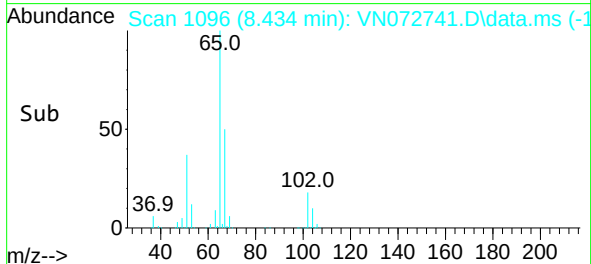
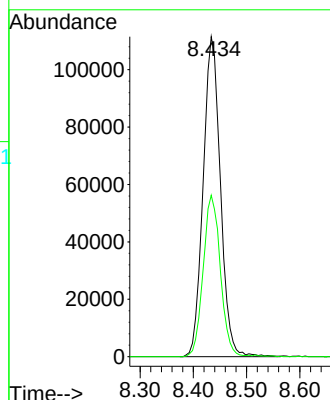
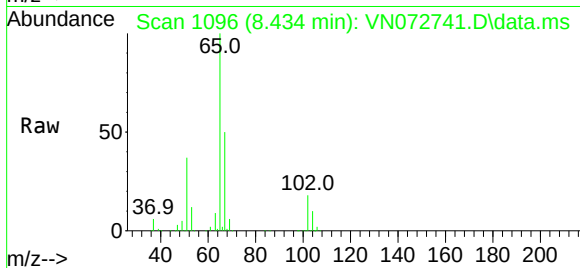
STORAGE-BLANK-SOIL-REF-6RE

Tgt Ion: 65 Resp: 251464

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072741.D

Acq: 09 Jun 2022 19:31

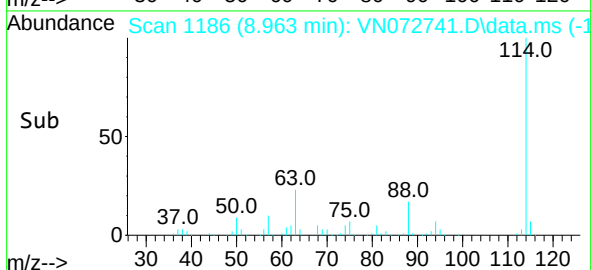
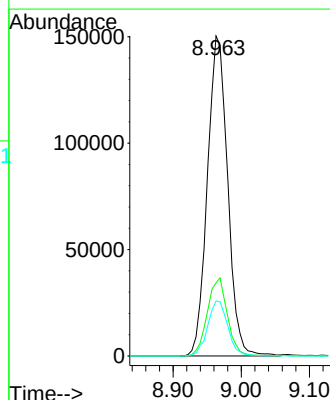
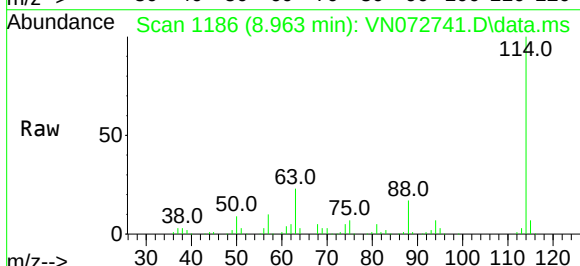
Tgt Ion: 114 Resp: 311709

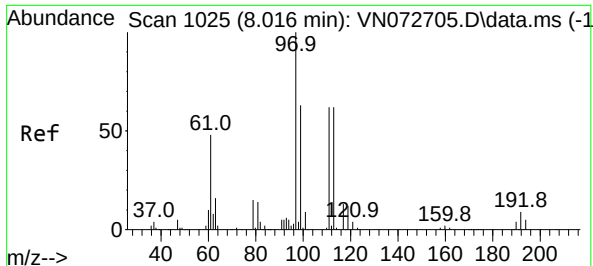
Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.0

88 17.2 0.0 32.6

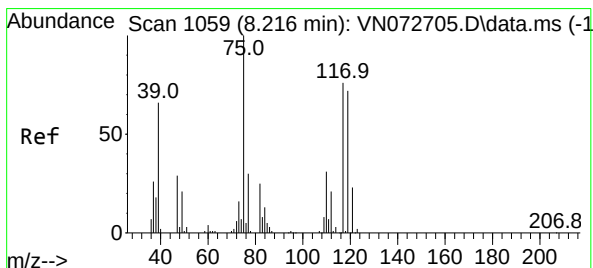
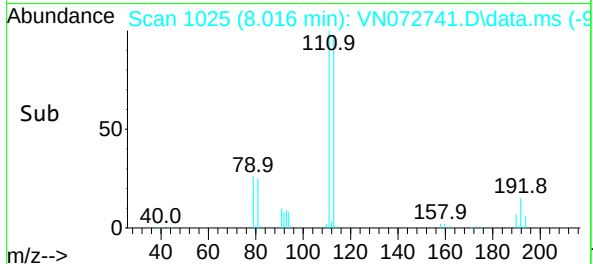
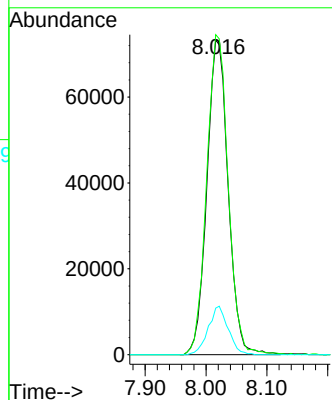
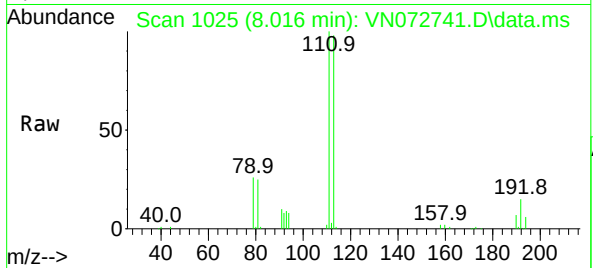




#35
Dibromofluoromethane
Concen: 57.563 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

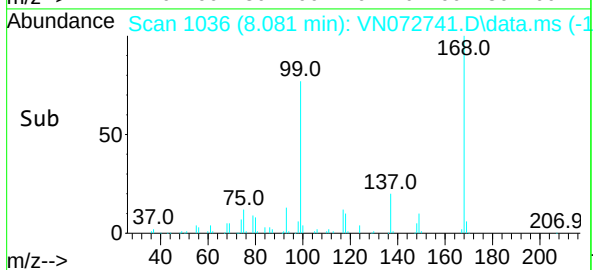
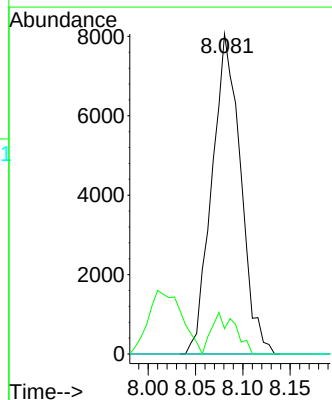
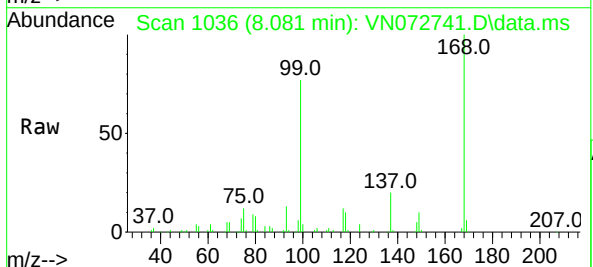
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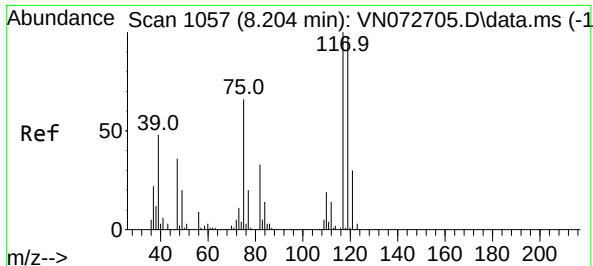
Tgt Ion:113 Resp: 177542
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 14.5 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 3.964 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

Tgt Ion: 75 Resp: 16972
Ion Ratio Lower Upper
75 100
110 10.6 18.3 54.8#
77 0.0 25.1 37.7#

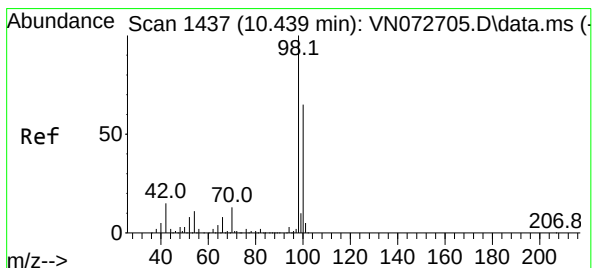
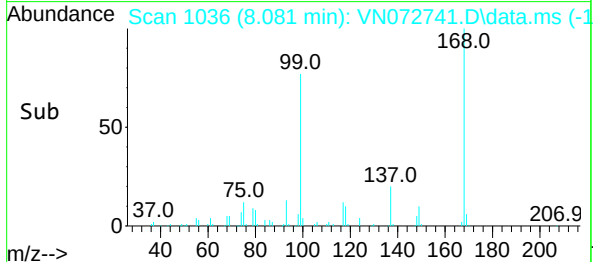
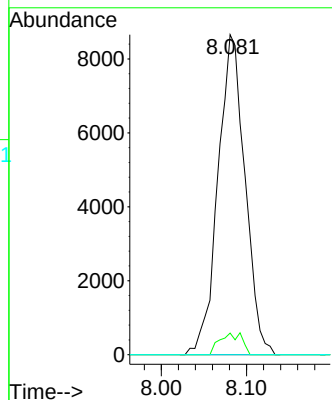
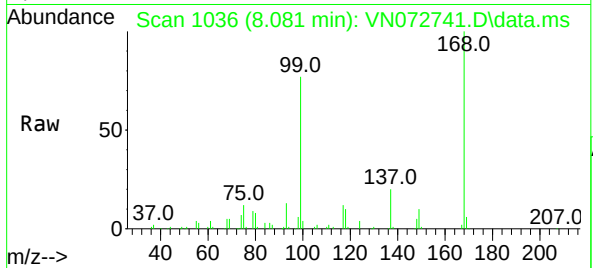




#38
Carbon Tetrachloride
Concen: 4.171 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

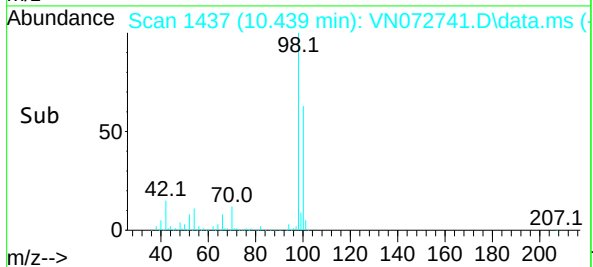
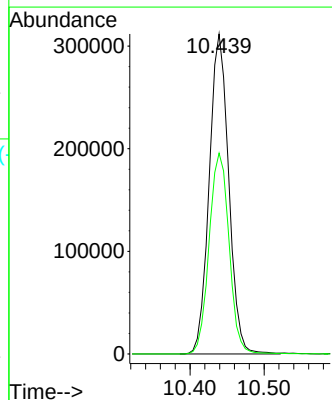
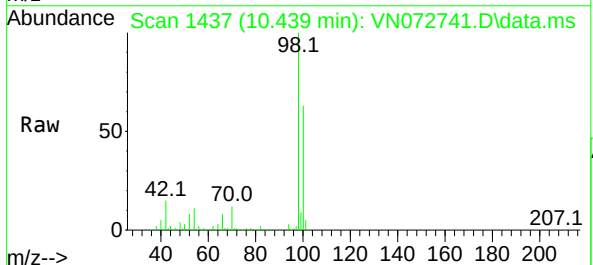
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

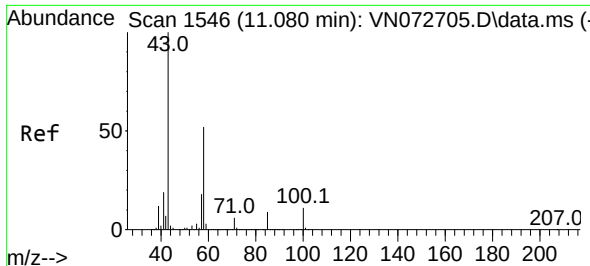
Tgt Ion:117 Resp: 19081
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 46.287 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

Tgt Ion: 98 Resp: 569599
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

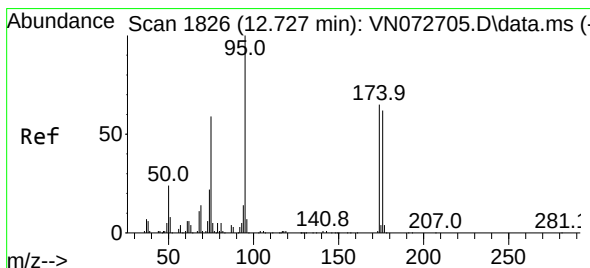
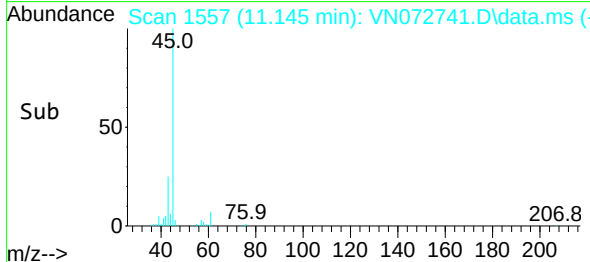
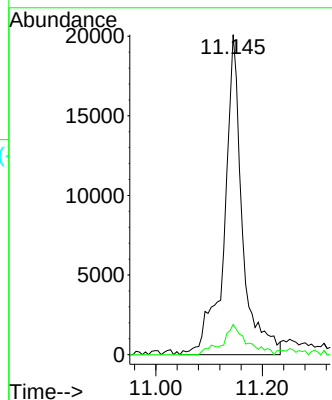
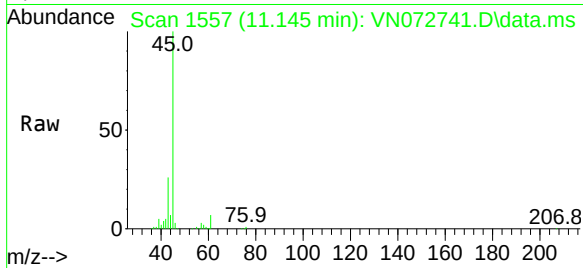




#59
2-Hexanone
Concen: 9.495 ug/l
RT: 11.145 min Scan# 11
Delta R.T. 0.065 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

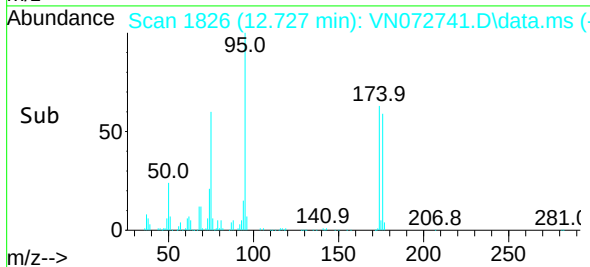
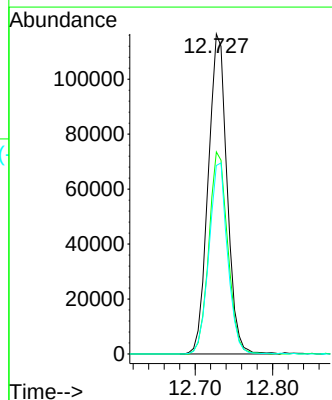
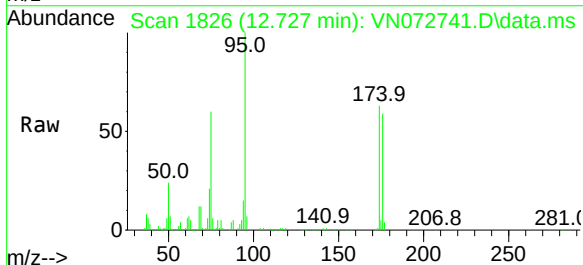
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

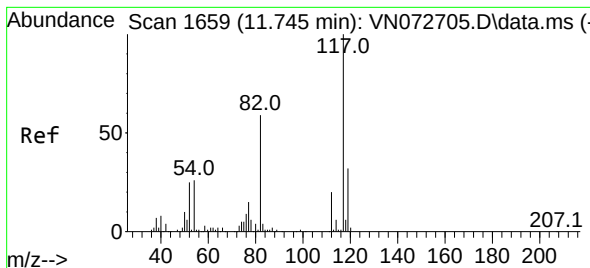
Tgt Ion: 43 Resp: 47102
Ion Ratio Lower Upper
43 100
58 10.8 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 46.554 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

Tgt Ion: 95 Resp: 196582
Ion Ratio Lower Upper
95 100
174 63.2 0.0 167.6
176 58.9 0.0 163.4

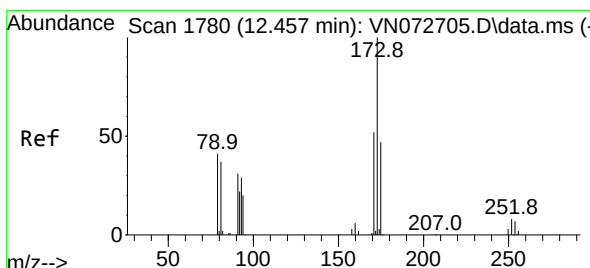
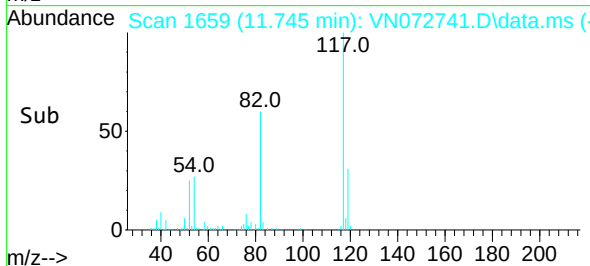
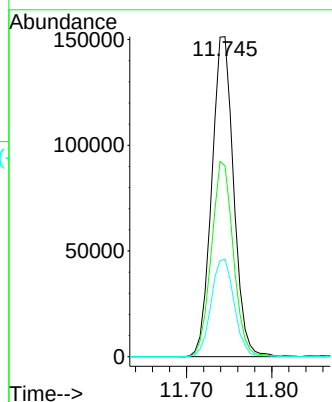
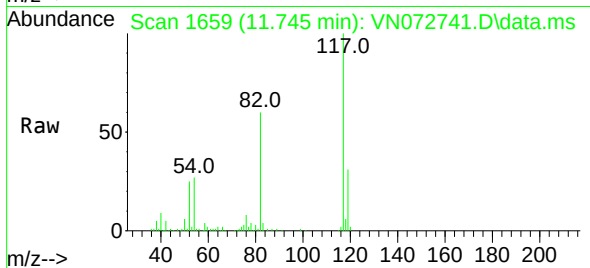




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 11745
Delta R.T. 0.000 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

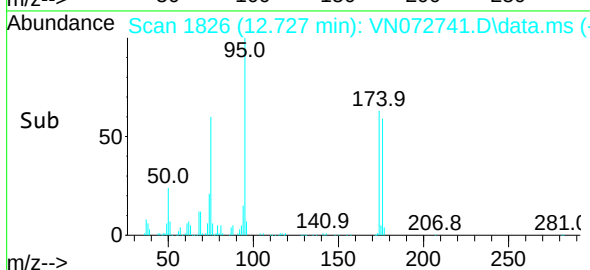
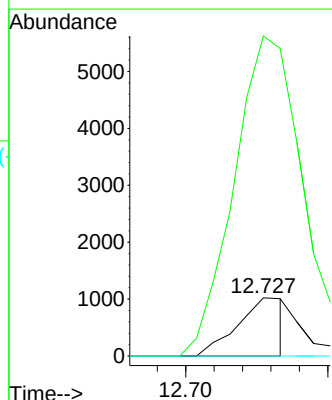
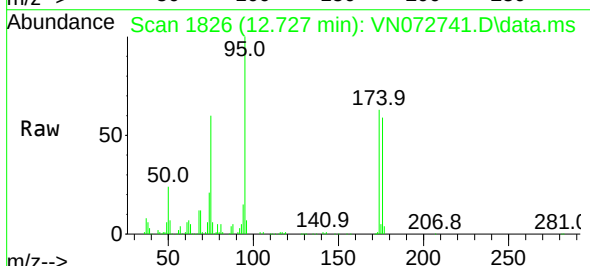
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

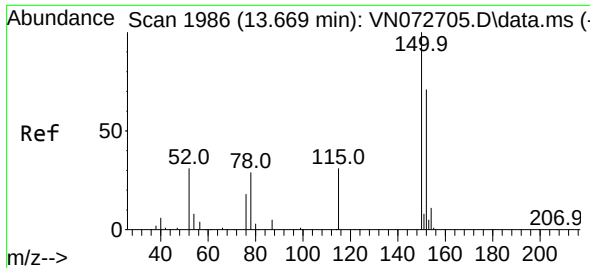
Tgt Ion:117 Resp: 270050
Ion Ratio Lower Upper
117 100
82 59.7 44.2 66.2
119 30.6 25.4 38.0



#71
Bromoform
Concen: 0.589 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

Tgt Ion:173 Resp: 1185
Ion Ratio Lower Upper
173 100
175 588.0 24.6 73.6#
254 0.0 0.1 0.1#

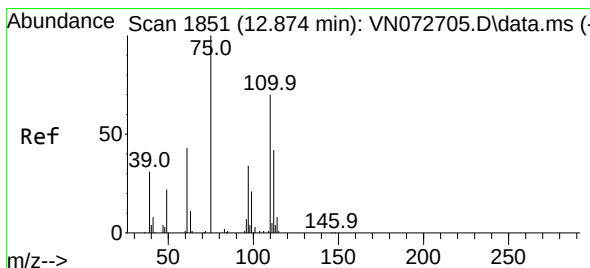
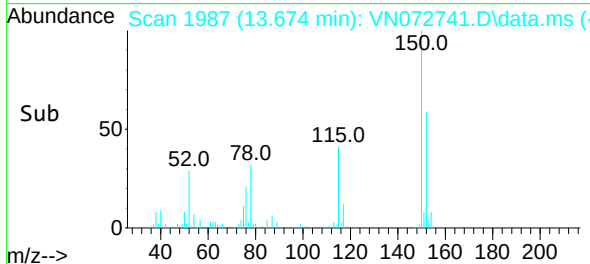
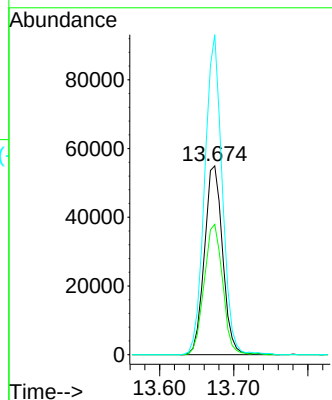
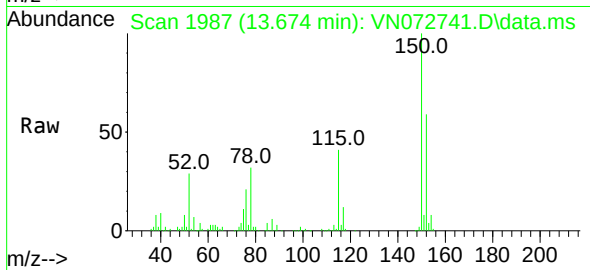




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

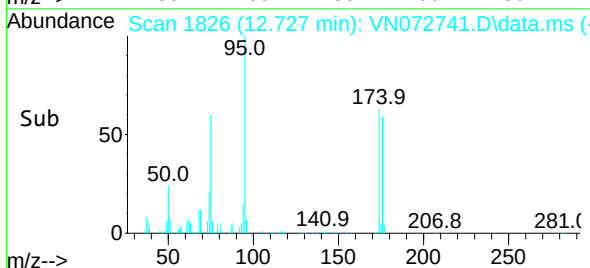
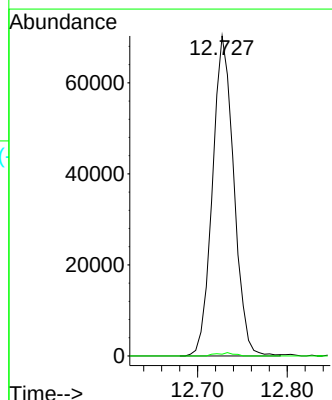
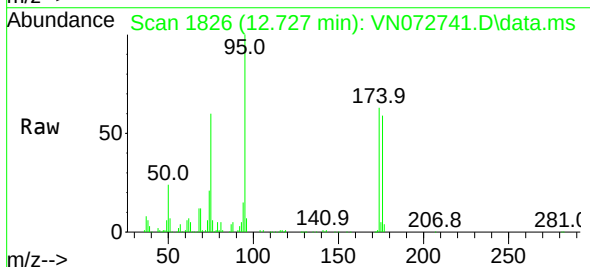
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

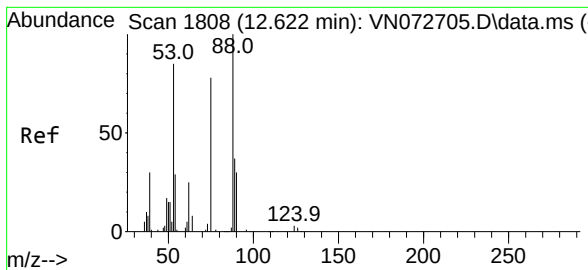
Tgt Ion:152 Resp: 93837
Ion Ratio Lower Upper
152 100
115 70.0 28.9 86.7
150 162.9 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 38.396 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072741.D
Acq: 09 Jun 2022 19:31

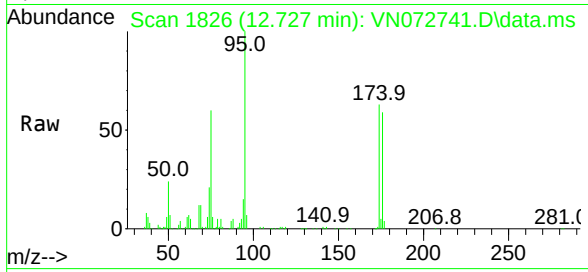
Tgt Ion: 75 Resp: 116264
Ion Ratio Lower Upper
75 100
77 0.8 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.415 ug/l
 RT: 12.727 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VN072741.D
 Acq: 09 Jun 2022 19:31

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



Tgt Ion: 75 Resp: 116264
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

