

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073250.D
 Acq On : 29 Jun 2022 18:07
 Operator : JC\MD
 Sample : N3496-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 30 07:00:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

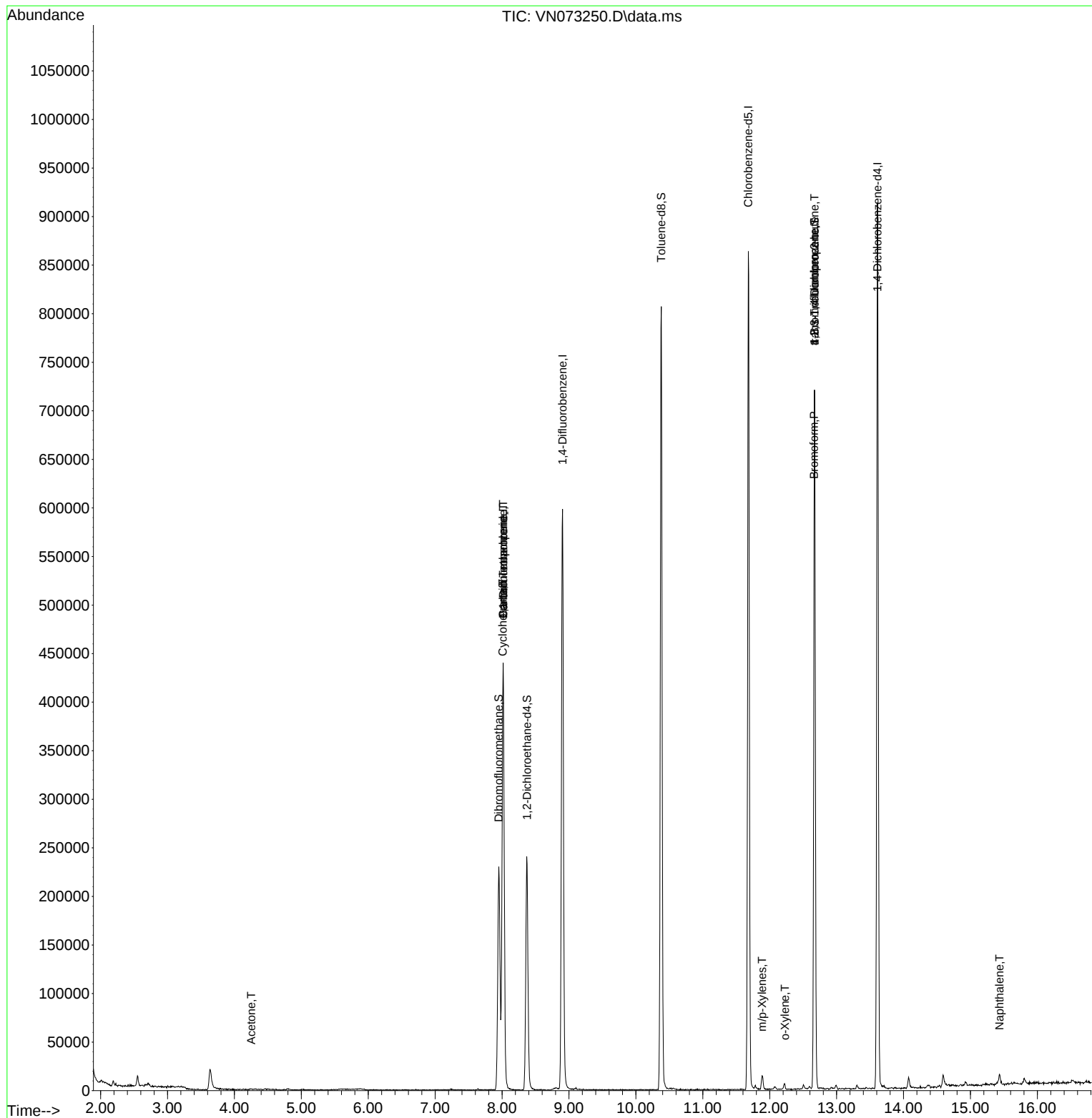
Internal Standards						
1) Pentafluorobenzene	8.016	168	329259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	537762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	498080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	247214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	199483	41.968	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.940%		
35) Dibromofluoromethane	7.951	113	171547	47.947	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.900%		
50) Toluene-d8	10.380	98	566133	44.552	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.100%		
62) 4-Bromofluorobenzene	12.668	95	252429	51.692	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.380%		
Target Compounds					Qvalue	
16) Acetone	4.251	43	1613	0.605	ug/l	93
31) Cyclohexane	8.010	56	7314	0.940	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	26201	4.759	ug/l #	48
38) Carbon Tetrachloride	8.016	117	34031	5.978	ug/l #	16
68) m/p-Xylenes	11.886	106	4716	0.611	ug/l	98
69) o-Xylene	12.227	106	1807	0.229	ug/l	99
71) Bromoform	12.663	173	1062	0.350	ug/l #	28
76) 1,2,3-Trichloropropane	12.668	75	131265	20.307	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	131265	55.690	ug/l #	10
95) Naphthalene	15.433	128	8358	0.439	ug/l	96

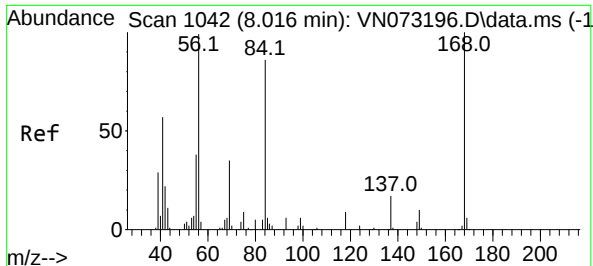
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

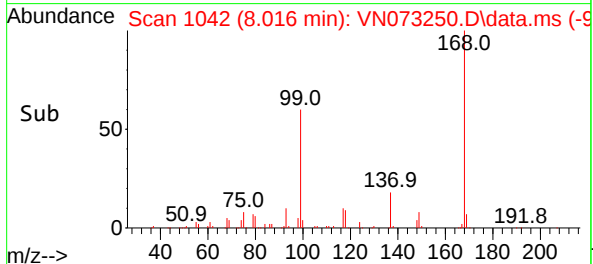
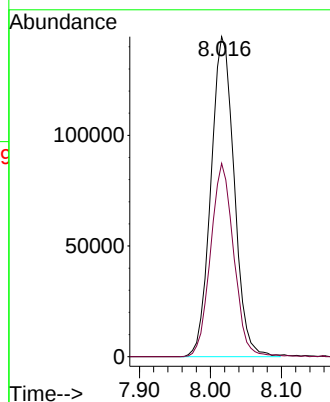
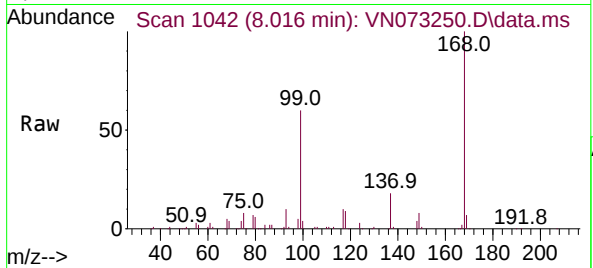




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073250.D
Acq: 29 Jun 2022 18:07

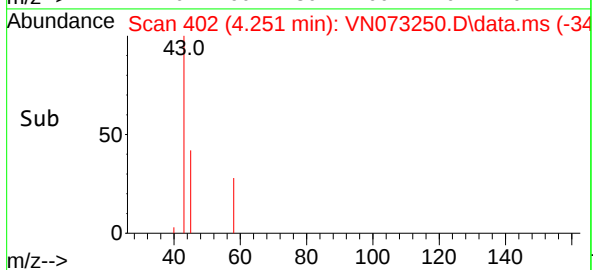
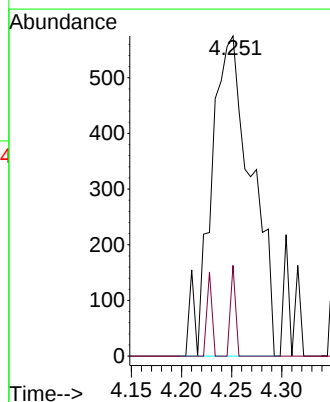
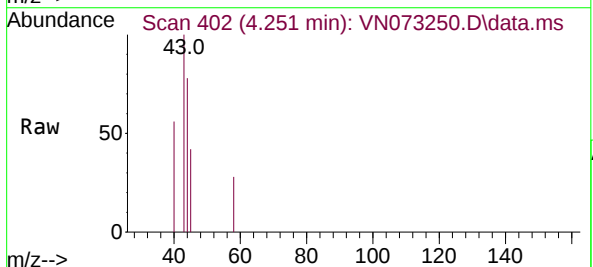
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

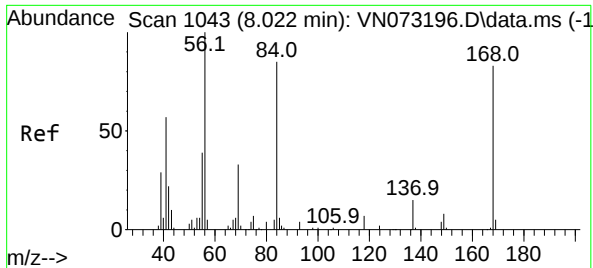
Tgt Ion:168 Resp: 329259
Ion Ratio Lower Upper
168 100
99 60.4 42.3 63.5



#16
Acetone
Concen: 0.605 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.029 min
Lab File: VN073250.D
Acq: 29 Jun 2022 18:07

Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 28.3 26.0 39.0

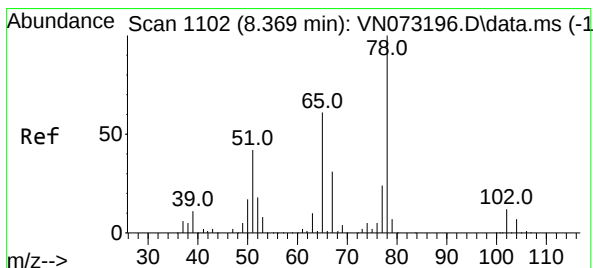
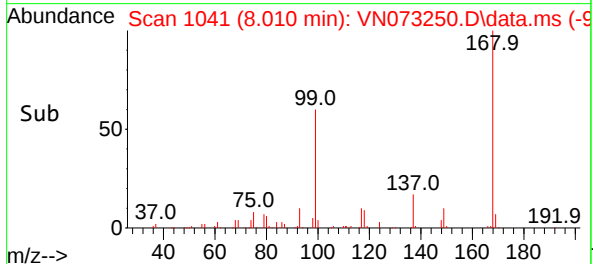
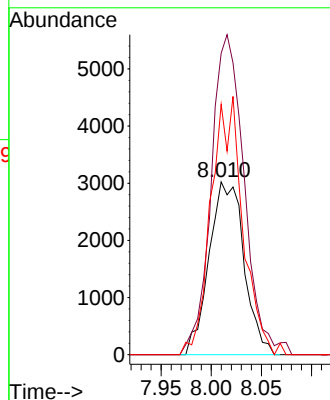
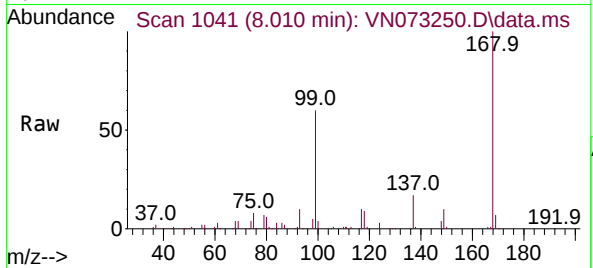




#31
Cyclohexane
Concen: 0.940 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073250.D
Acq: 29 Jun 2022 18:07

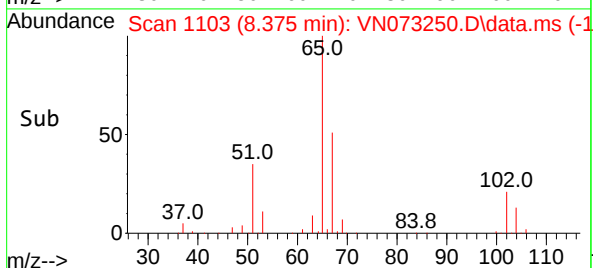
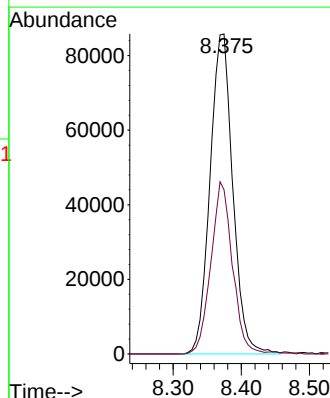
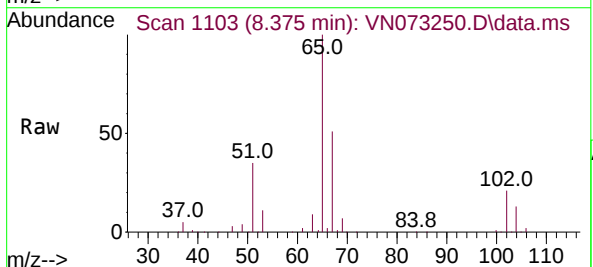
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 56 Resp: 7314
Ion Ratio Lower Upper
56 100
69 174.5 27.8 41.8#
84 144.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 41.968 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073250.D
Acq: 29 Jun 2022 18:07

Tgt Ion: 65 Resp: 199483
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073250.D

Acq: 29 Jun 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

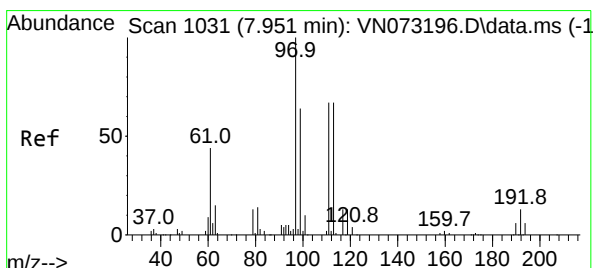
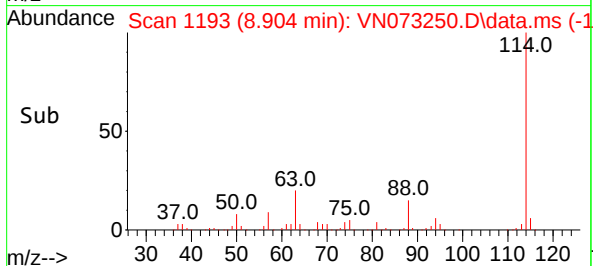
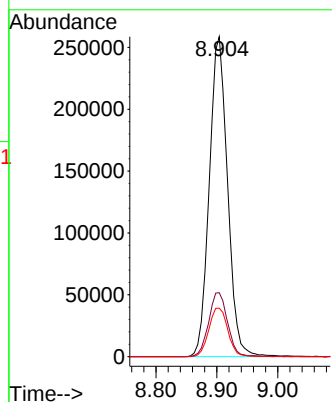
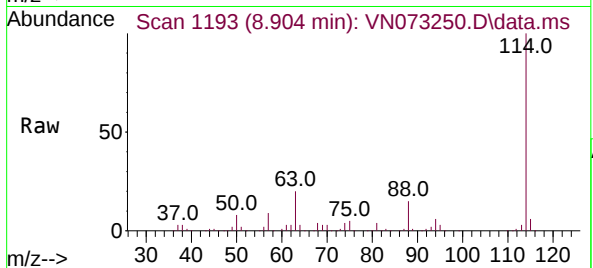
Tgt Ion:114 Resp: 537762

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.947 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073250.D

Acq: 29 Jun 2022 18:07

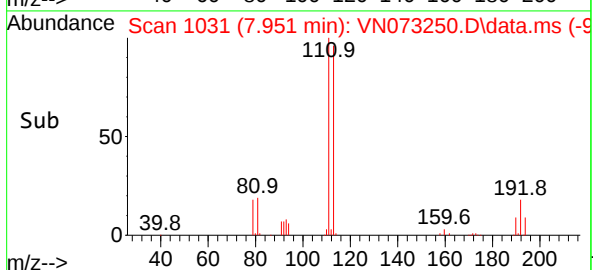
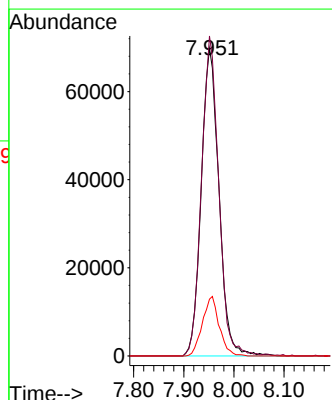
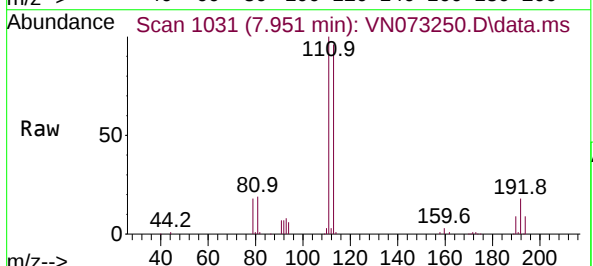
Tgt Ion:113 Resp: 171547

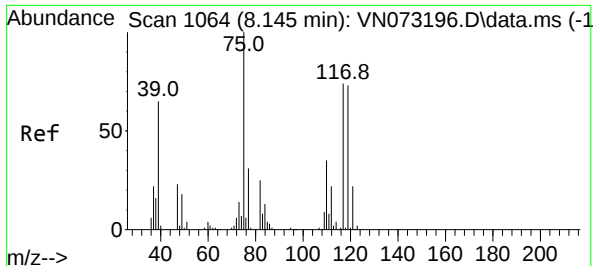
Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 18.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.759 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073250.D

Acq: 29 Jun 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

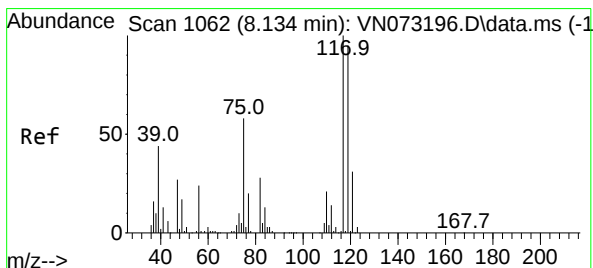
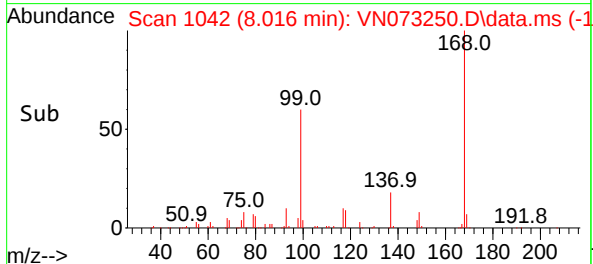
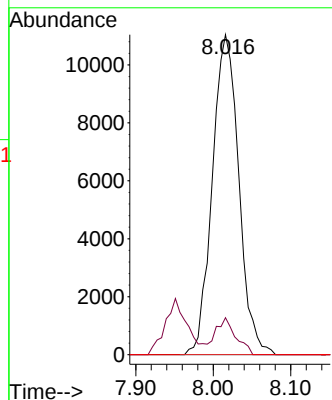
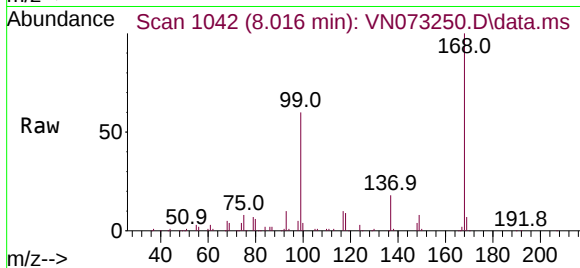
Tgt Ion: 75 Resp: 26201

Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.978 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073250.D

Acq: 29 Jun 2022 18:07

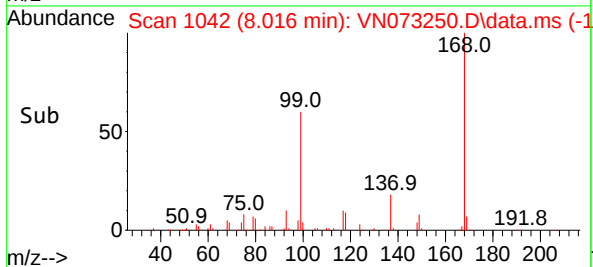
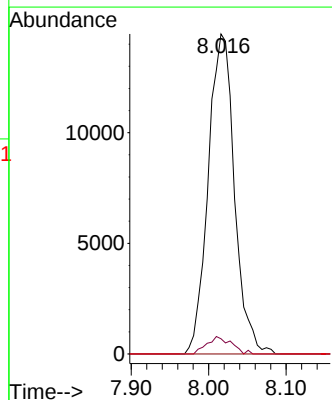
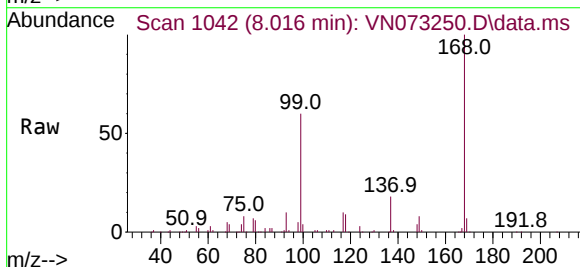
Tgt Ion: 117 Resp: 34031

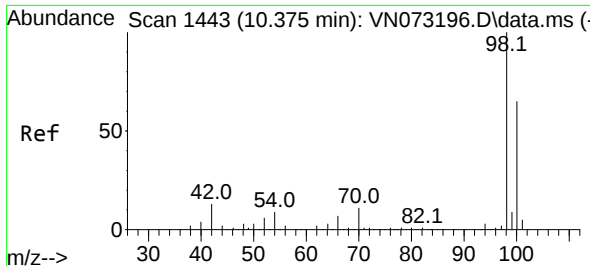
Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.8#

121 0.0 24.6 37.0#

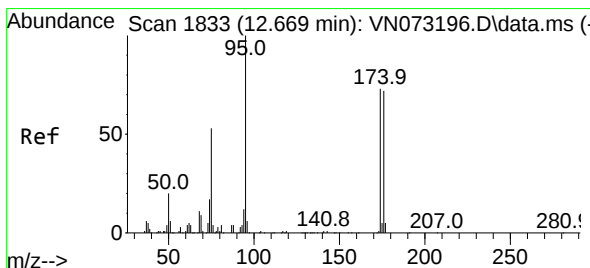
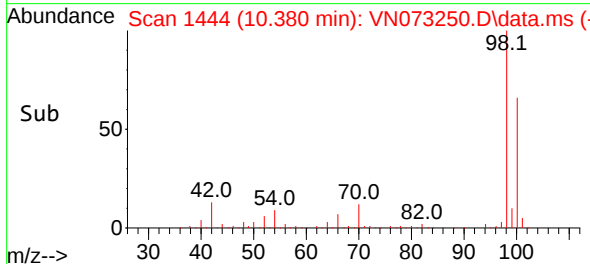
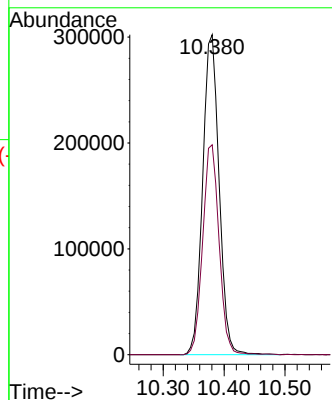
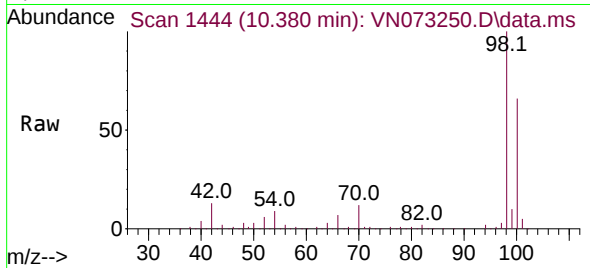




#50
Toluene-d8
Concen: 44.552 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073250.D
Acq: 29 Jun 2022 18:07

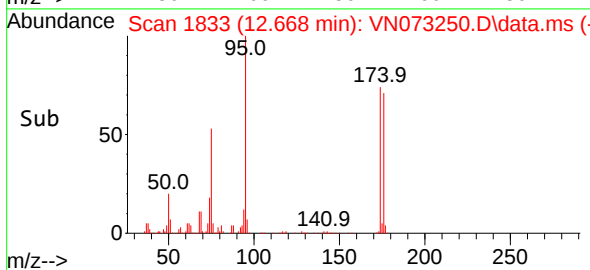
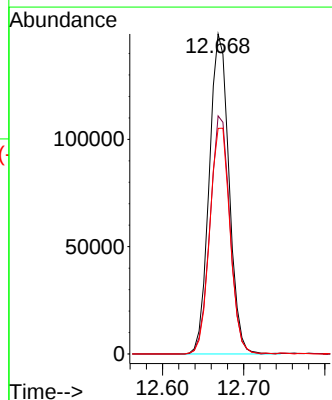
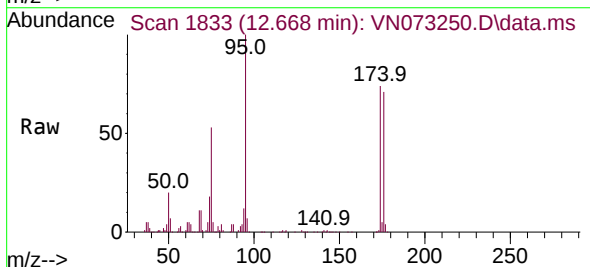
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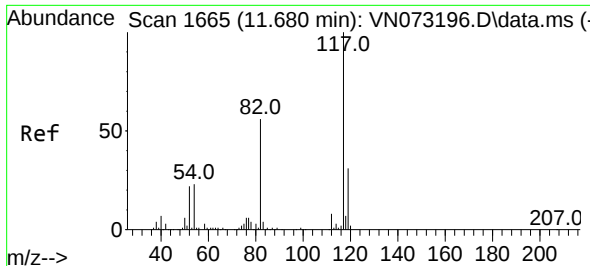
Tgt Ion: 98 Resp: 566133
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.692 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073250.D
Acq: 29 Jun 2022 18:07

Tgt Ion: 95 Resp: 252429
Ion Ratio Lower Upper
95 100
174 74.5 0.0 167.6
176 72.5 0.0 163.4

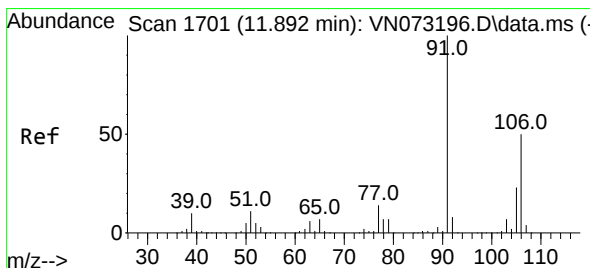
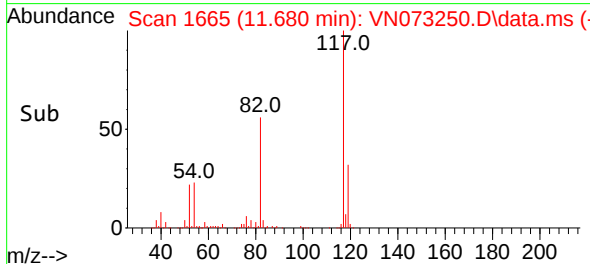
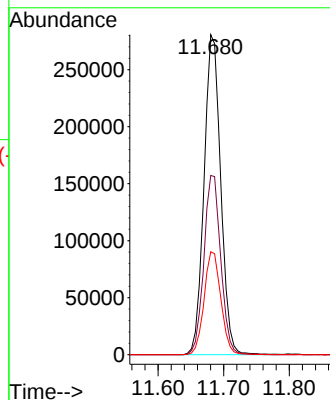
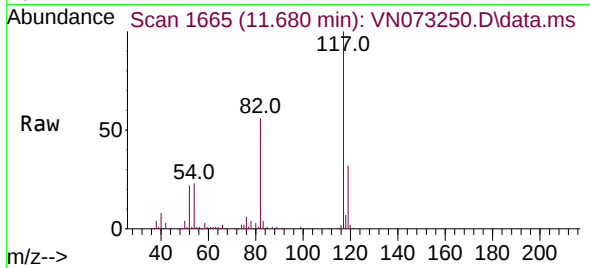




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073250.D
Acq: 29 Jun 2022 18:07

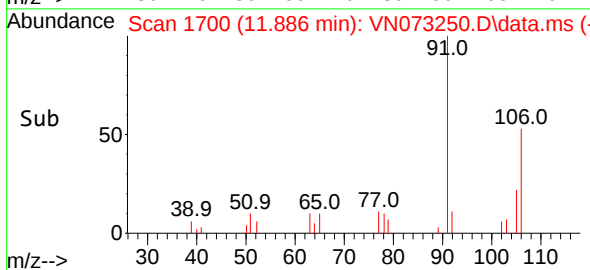
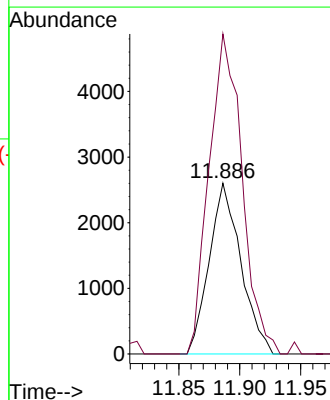
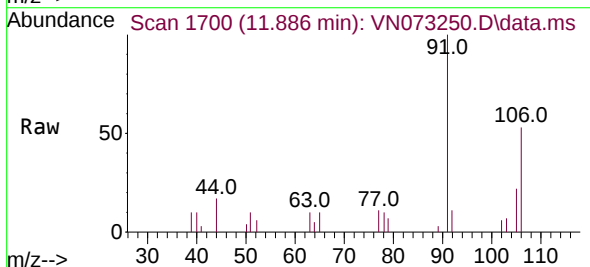
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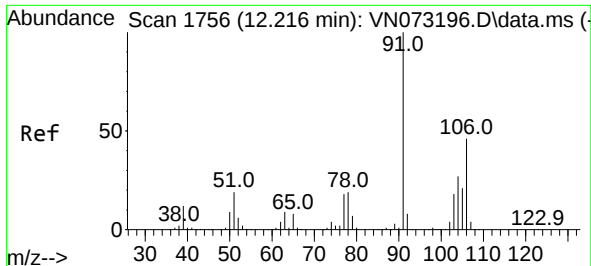
Tgt Ion:117 Resp: 498080
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 32.2 25.4 38.0



#68
m/p-Xylenes
Concen: 0.611 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073250.D
Acq: 29 Jun 2022 18:07

Tgt Ion:106 Resp: 4716
Ion Ratio Lower Upper
106 100
91 195.5 158.9 238.3





#69

o-Xylene

Concen: 0.229 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.011 min

Lab File: VN073250.D

Acq: 29 Jun 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

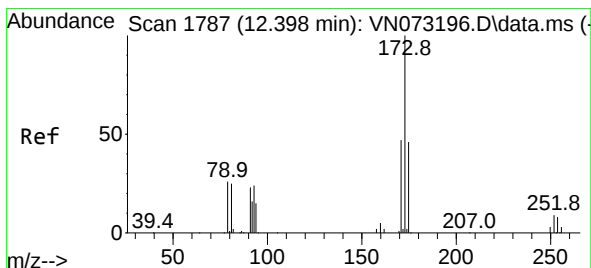
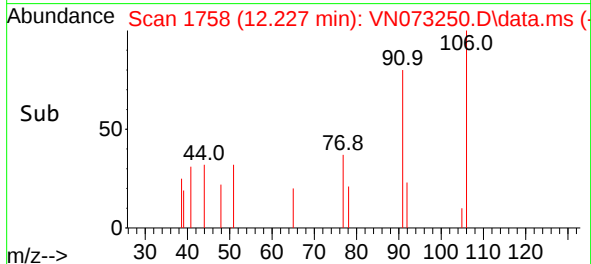
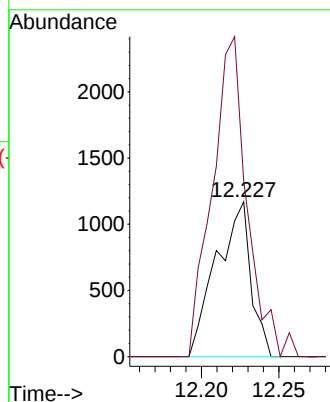
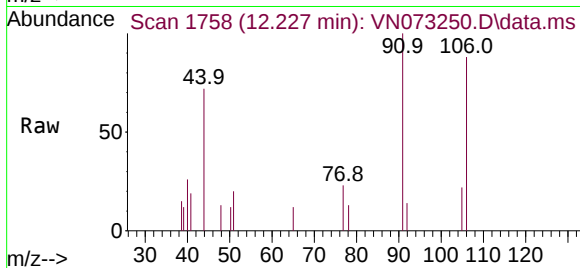
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:106 Resp: 1807

Ion Ratio Lower Upper

106 100

91 209.9 106.0 318.0



#71

Bromoform

Concen: 0.350 ug/l

RT: 12.663 min Scan# 1832

Delta R.T. 0.265 min

Lab File: VN073250.D

Acq: 29 Jun 2022 18:07

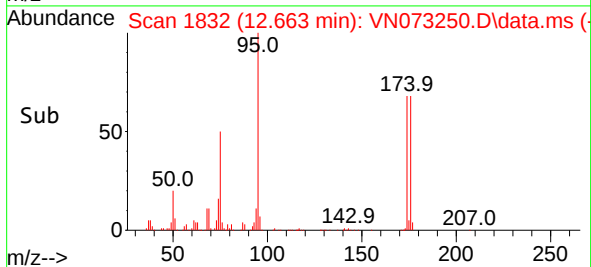
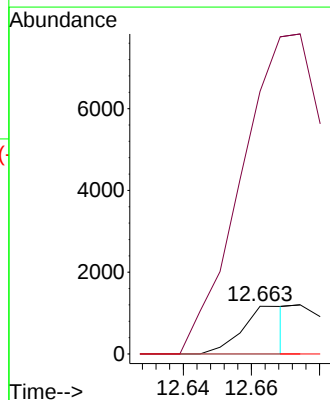
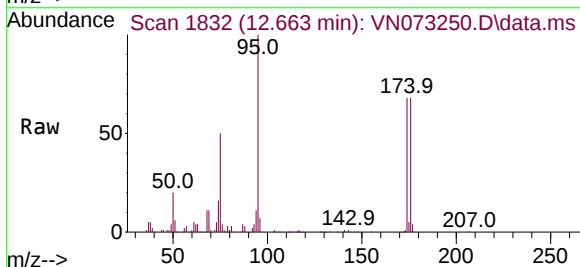
Tgt Ion:173 Resp: 1062

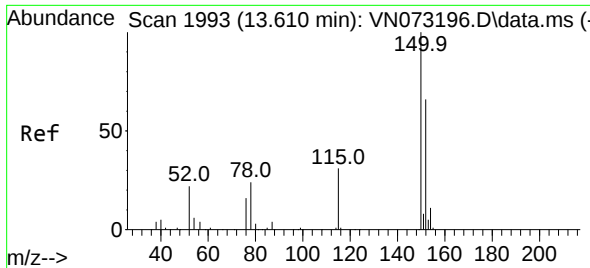
Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.6#

254 0.0 0.1 0.1#

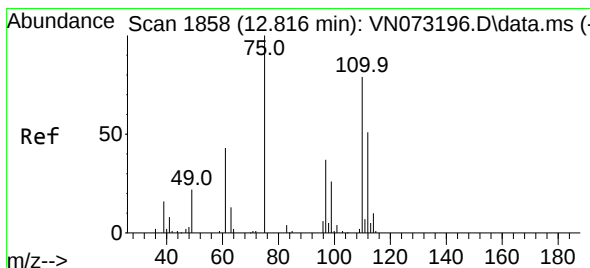
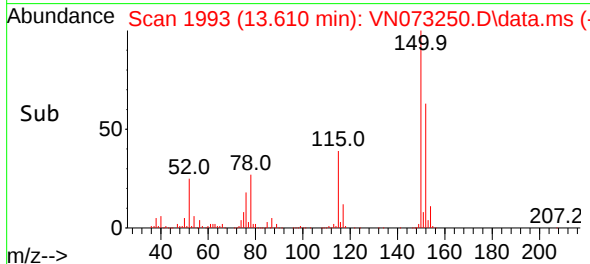
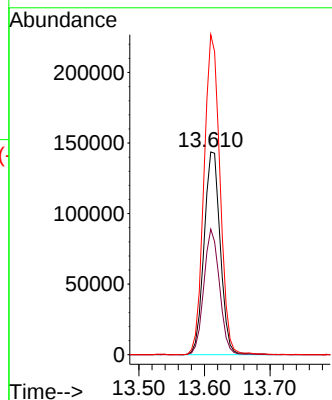
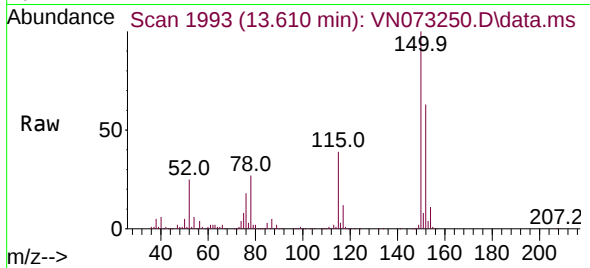




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073250.D
 Acq: 29 Jun 2022 18:07

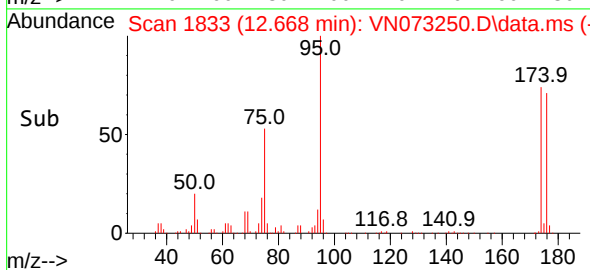
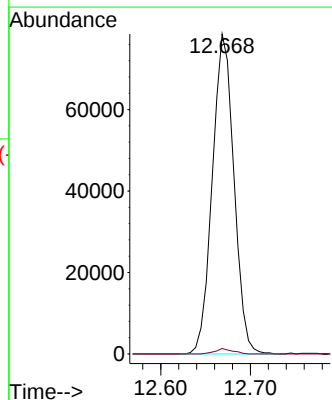
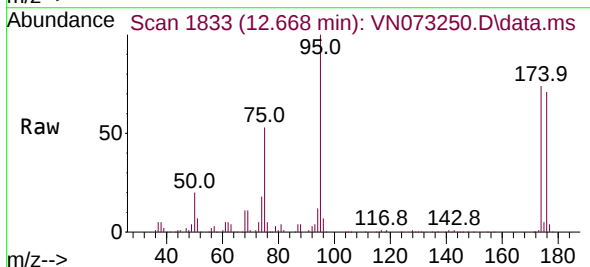
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

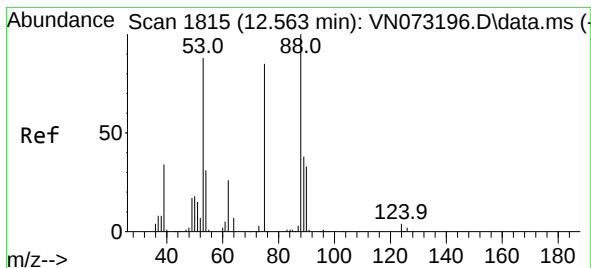
Tgt Ion:152 Resp: 247214
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.9 86.7
 150 156.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.307 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.148 min
 Lab File: VN073250.D
 Acq: 29 Jun 2022 18:07

Tgt Ion: 75 Resp: 131265
 Ion Ratio Lower Upper
 75 100
 77 1.4 98.5 295.5#

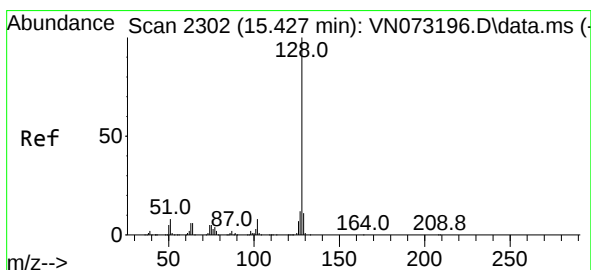
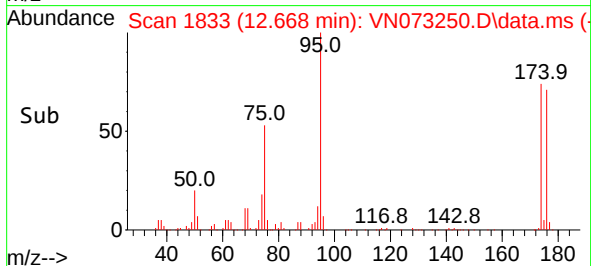
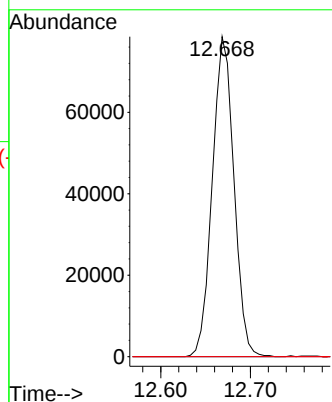
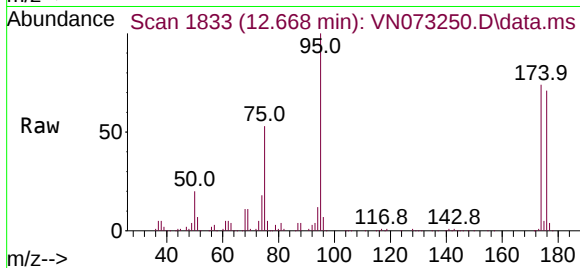




#81
trans-1,4-Dichloro-2-butene
Concen: 55.690 ug/l
RT: 12.668 min Scan# 1815
Delta R.T. 0.105 min
Lab File: VN073250.D
Acq: 29 Jun 2022 18:07

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

Tgt Ion: 75 Resp: 131265
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.439 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073250.D
Acq: 29 Jun 2022 18:07

Tgt Ion:128 Resp: 8358
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 9.4 8.6 13.0

