

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071829.D
 Acq On : 04 Apr 2022 14:18
 Operator : JC\MD
 Sample : N2233-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 05 01:18:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

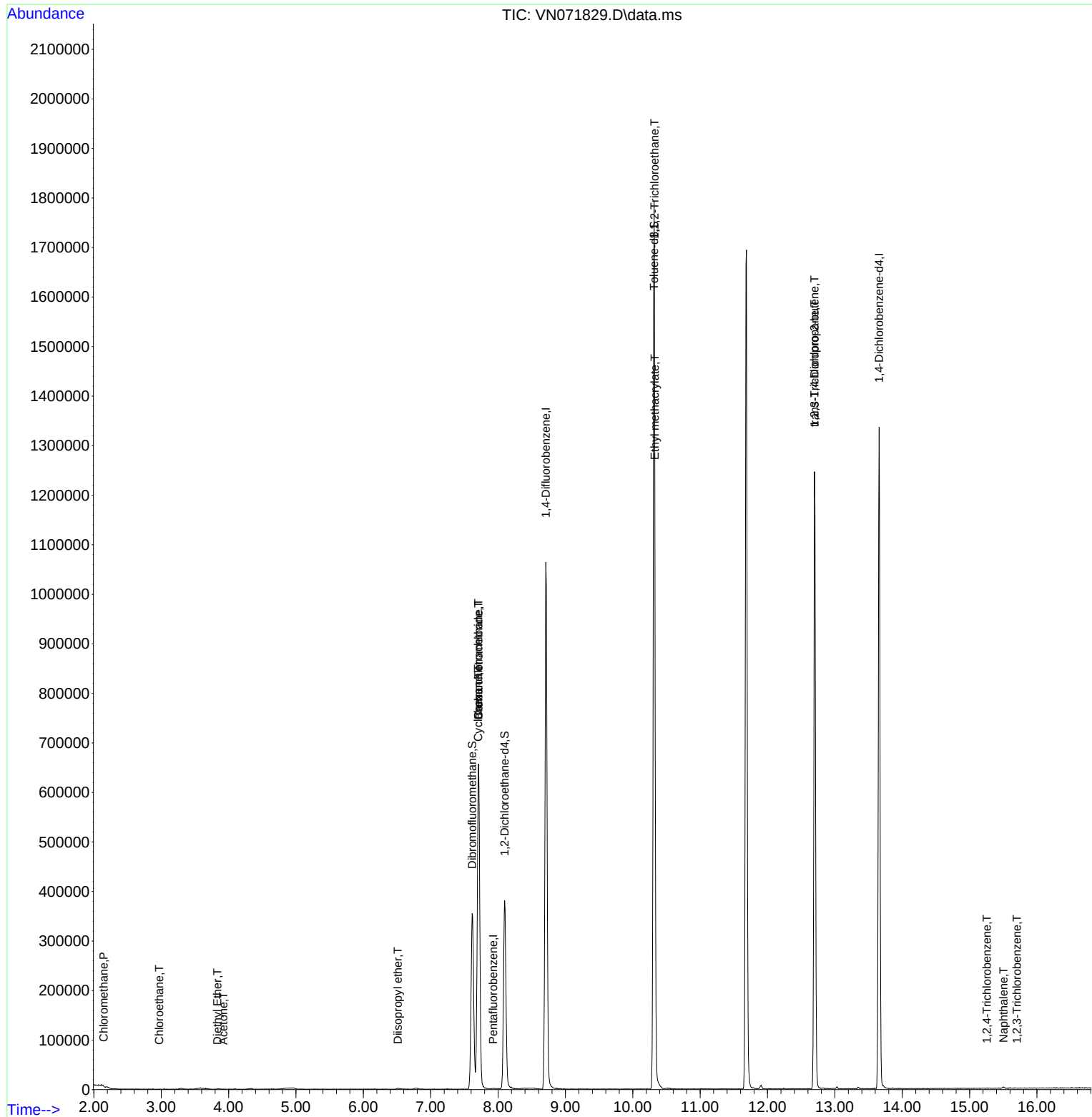
Internal Standards						
1) Pentafluorobenzene	7.928	168	434	50.000	ug/l	#-0.15
34) 1,4-Difluorobenzene	8.710	114	1051669	50.000	ug/l	-0.25
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.74
72) 1,4-Dichlorobenzene-d4	13.657	152	390606	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.098	65	349139	70467.414	ug/l	-0.34
Spiked Amount	50.000	Range	61 - 141	Recovery	= 140934.820%#	
35) Dibromofluoromethane	7.616	113	302849	48.938	ug/l	-0.40
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.880%	
50) Toluene-d8	10.316	98	1319601	52.126	ug/l	-0.12
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	= 0.000%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	111	25.388	ug/l #	43
6) Chloroethane	2.969	64	58	16.792	ug/l #	42
8) Diethyl Ether	3.834	74	65	25.178	ug/l #	7
16) Acetone	3.922	43	121	57.145	ug/l #	42
22) Diisopropyl ether	6.510	45	753	59.489	ug/l #	34
28) Bromochloromethane	7.710	49	1830	610.506	ug/l #	1
31) Cyclohexane	7.704	56	9835	1459.635	ug/l #	1
38) Carbon Tetrachloride	7.710	117	43705	5.160	ug/l #	17
55) 1,1,2-Trichloroethane	10.322	97	34050	4.794	ug/l #	1
56) Ethyl methacrylate	10.328	69	3632	0.358	ug/l #	84
76) 1,2,3-Trichloropropane	12.698	75	218923	24.194	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.698	75	218923	74.976	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.257	180	221	2.120	ug/l #	73
95) Naphthalene	15.504	128	3625	3.991	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.704	180	167	2.441	ug/l #	12

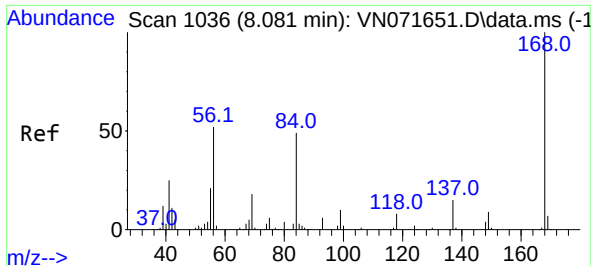
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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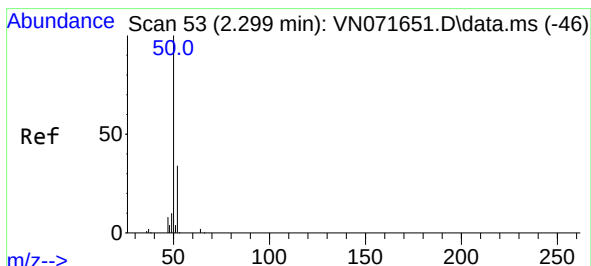
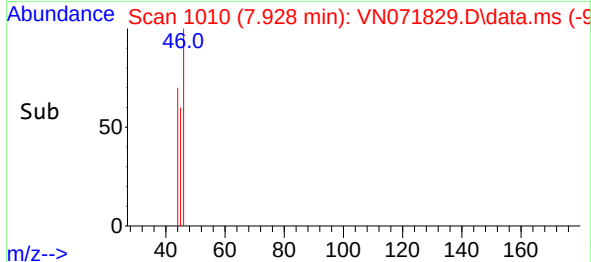
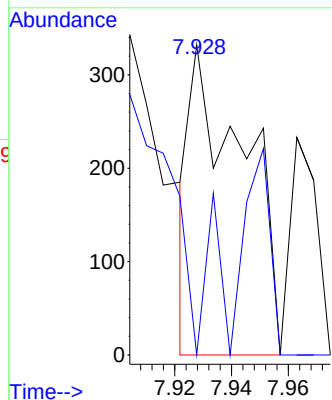
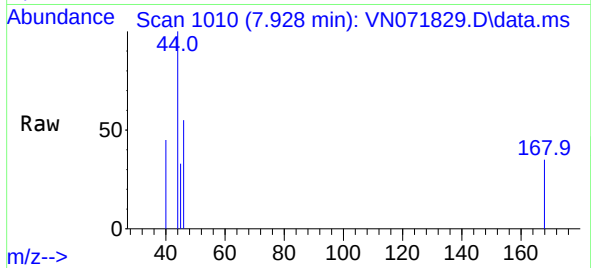




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.928 min Scan# 10
Delta R.T. -0.153 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

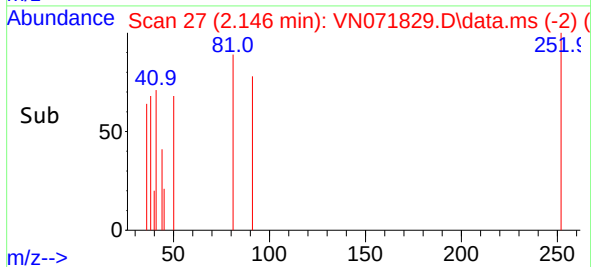
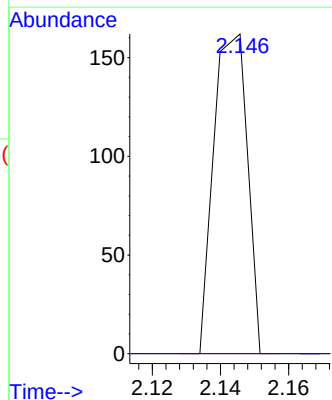
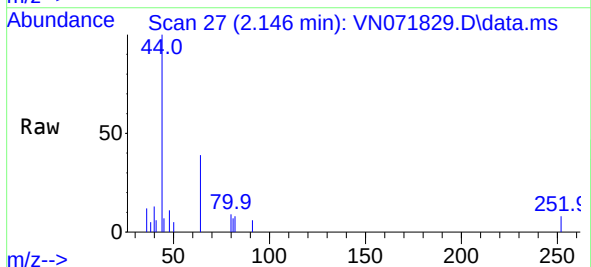
Instrument :
MSVOA_N
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STORAGE-BLANK-SOIL-REF-6

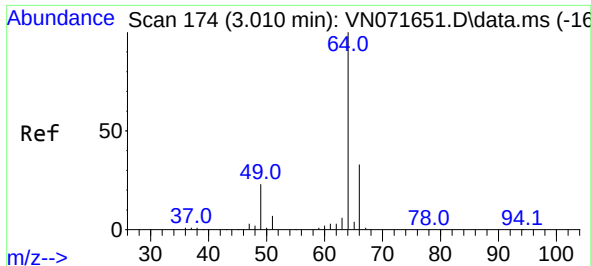
Tgt Ion:168 Resp: 434
Ion Ratio Lower Upper
168 100
99 0.0 42.3 63.5#



#3
Chloromethane
Concen: 25.388 ug/l
RT: 2.146 min Scan# 27
Delta R.T. -0.153 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

Tgt Ion: 50 Resp: 111
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

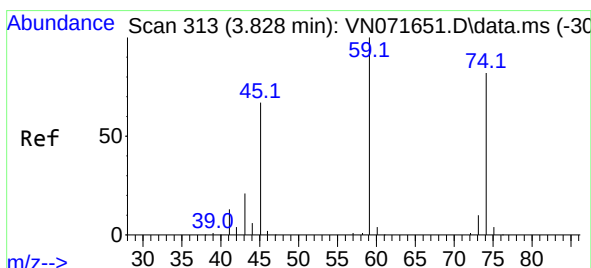
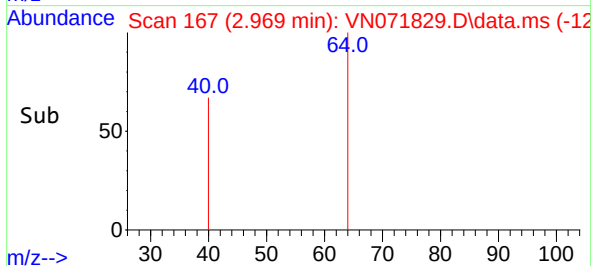
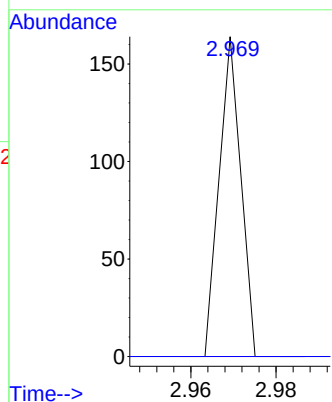
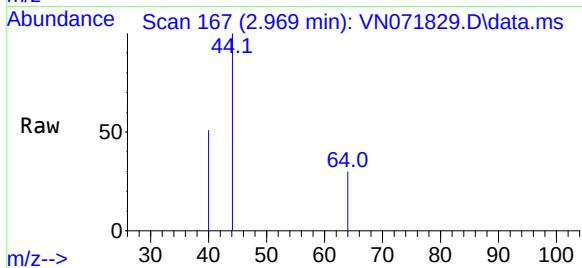




#6
Chloroethane
Concen: 16.792 ug/l
RT: 2.969 min Scan# 1
Delta R.T. -0.041 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

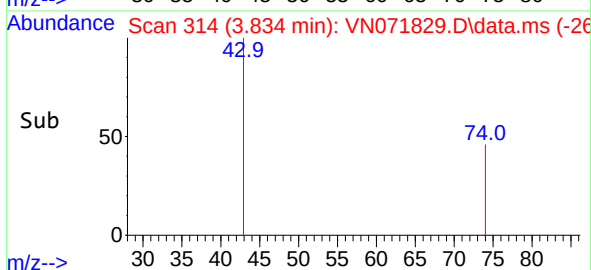
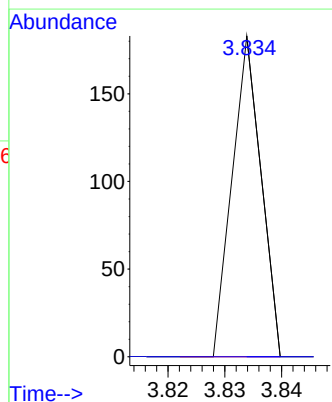
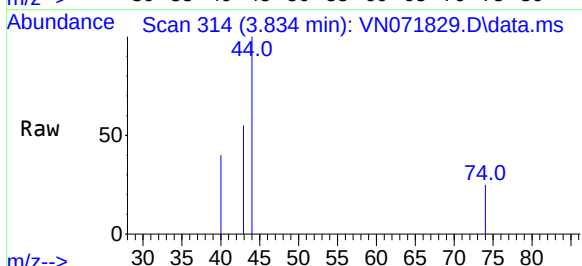
Instrument :
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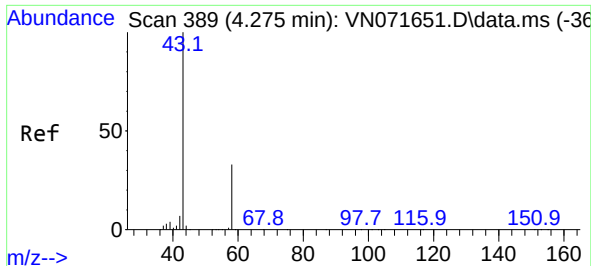
Tgt Ion: 64 Resp: 58
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#8
Diethyl Ether
Concen: 25.178 ug/l
RT: 3.834 min Scan# 314
Delta R.T. 0.006 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

Tgt Ion: 74 Resp: 65
Ion Ratio Lower Upper
74 100
45 0.0 42.9 128.5#

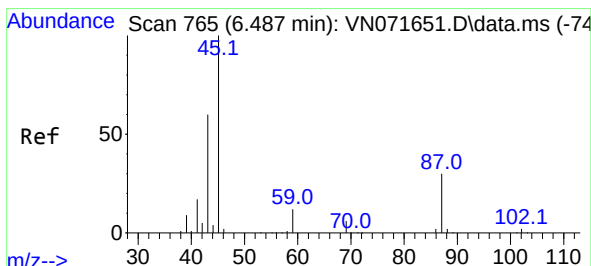
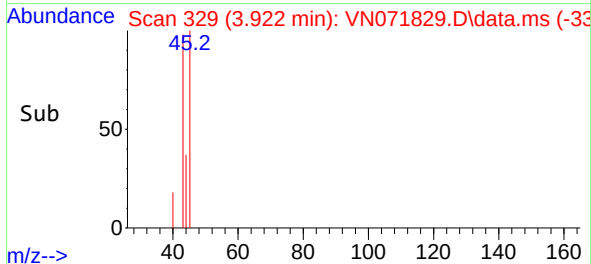
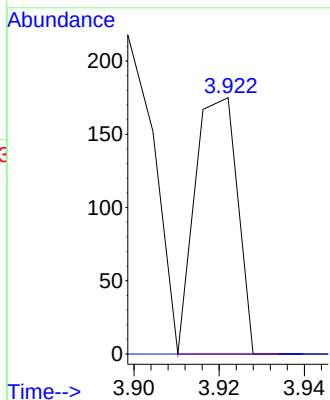
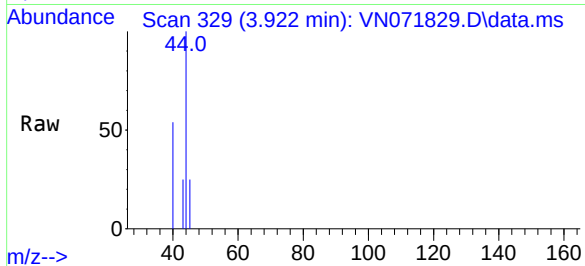




#16
Acetone
Concen: 57.145 ug/l
RT: 3.922 min Scan# 31
Delta R.T. -0.353 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

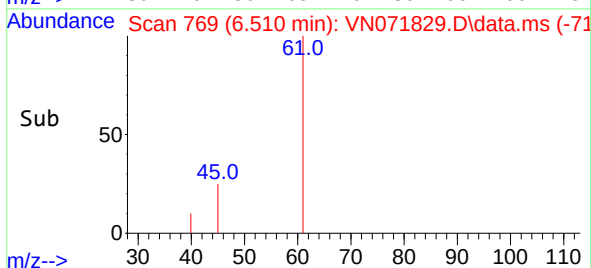
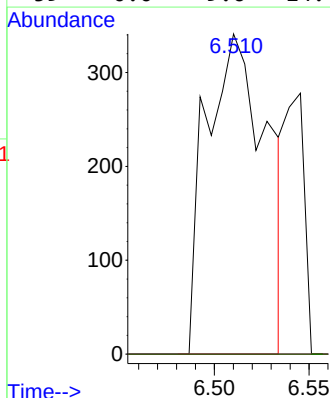
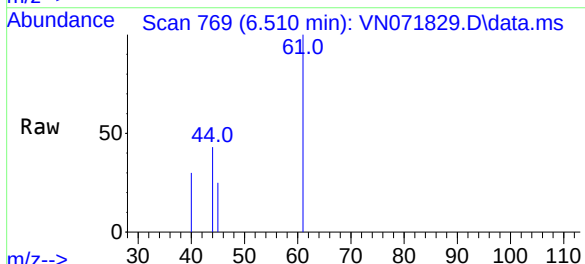
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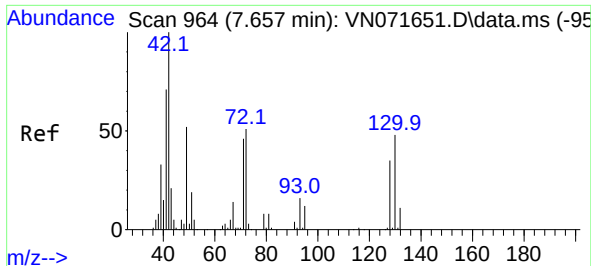
Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#22
Diisopropyl ether
Concen: 59.489 ug/l
RT: 6.510 min Scan# 769
Delta R.T. 0.023 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

Tgt Ion: 45 Resp: 753
Ion Ratio Lower Upper
45 100
43 0.0 46.6 70.0#
87 0.0 24.3 36.5#
59 0.0 9.6 14.4#

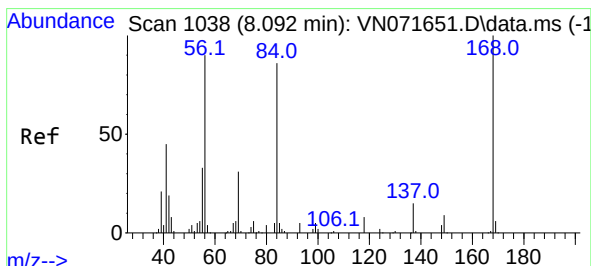
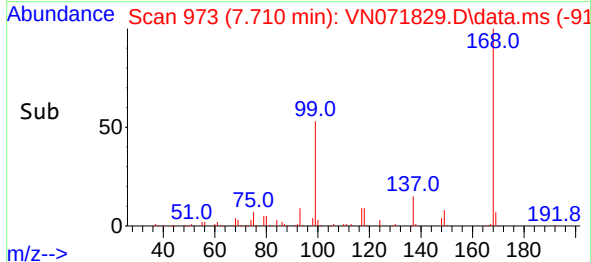
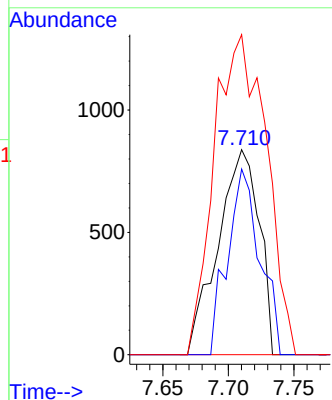
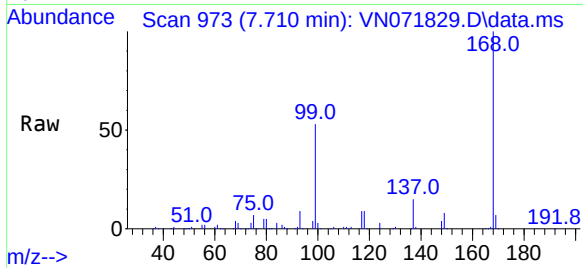




#28
Bromochloromethane
Concen: 610.506 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.053 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

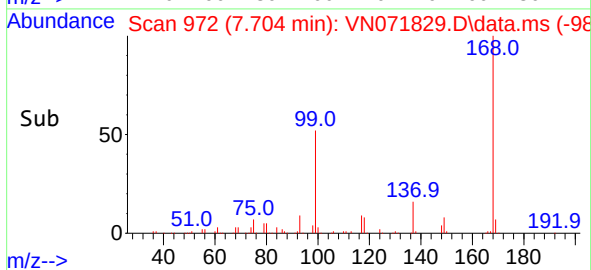
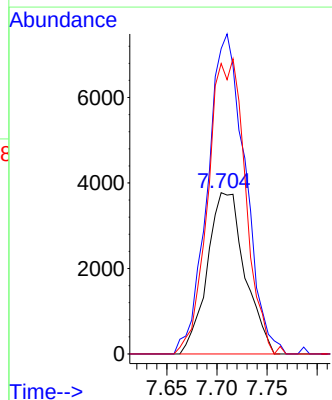
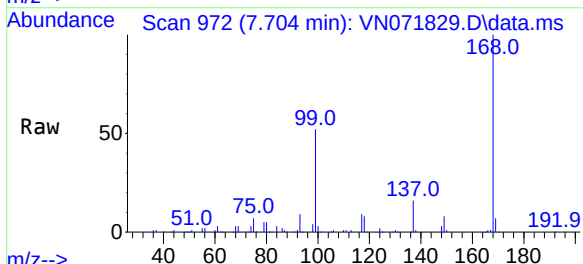
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ClientSampleId :
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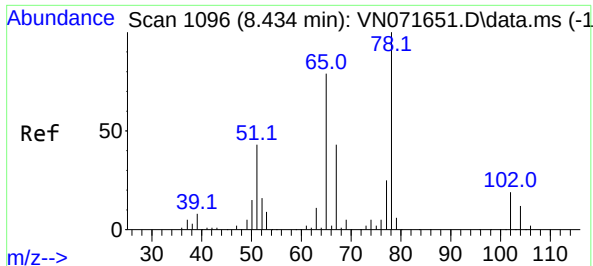
Tgt Ion: 49 Resp: 1830
Ion Ratio Lower Upper
49 100
129 71.1 0.0 4.6#
130 197.3 69.7 104.5#



#31
Cyclohexane
Concen: 1459.635 ug/l
RT: 7.704 min Scan# 972
Delta R.T. -0.388 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

Tgt Ion: 56 Resp: 9835
Ion Ratio Lower Upper
56 100
69 183.4 27.8 41.8#
84 176.0 76.9 115.3#

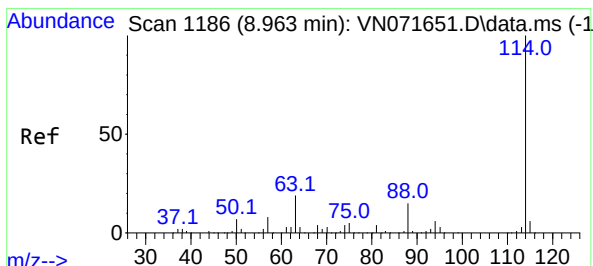
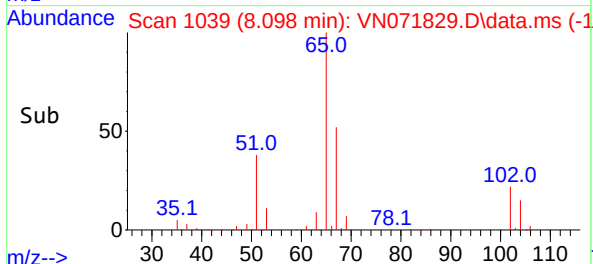
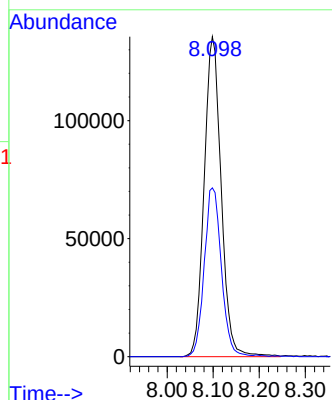
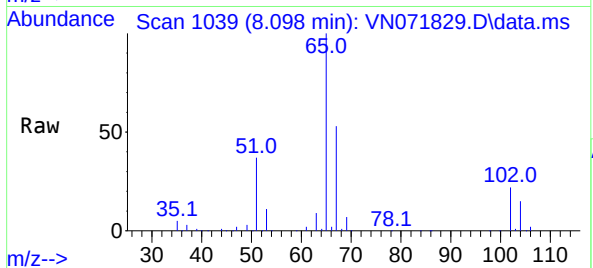




#33
1,2-Dichloroethane-d4
Concen: 70467.414 ug/l
RT: 8.098 min Scan# 11039
Delta R.T. -0.336 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

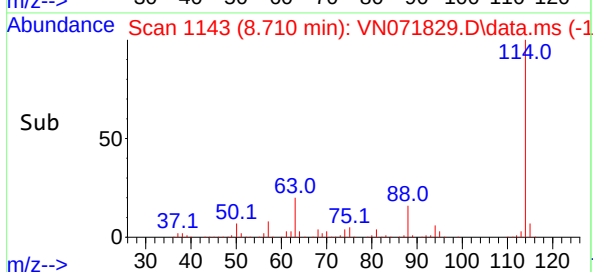
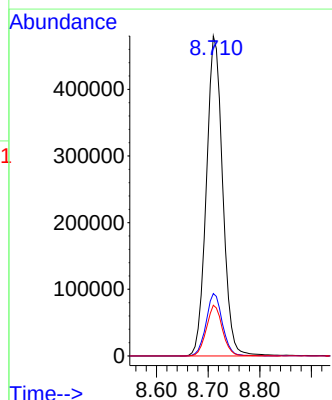
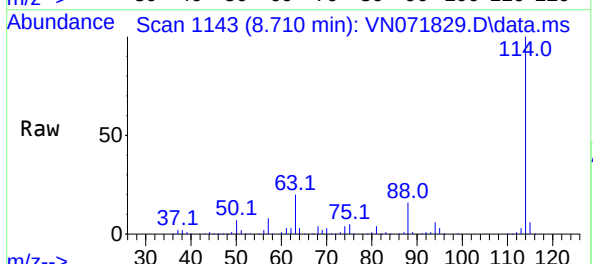
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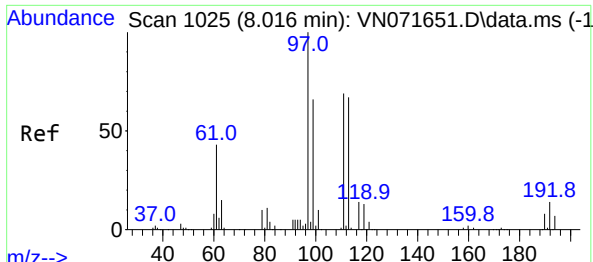
Tgt Ion: 65 Resp: 349139
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1143
Delta R.T. -0.253 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

Tgt Ion: 114 Resp: 1051669
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.0
88 15.9 0.0 32.6

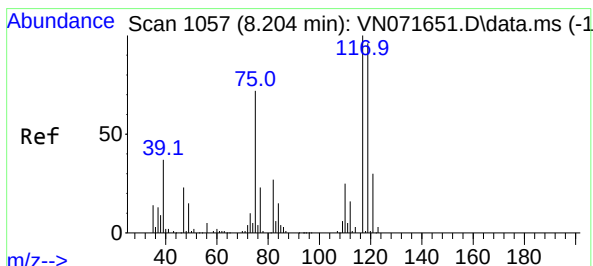
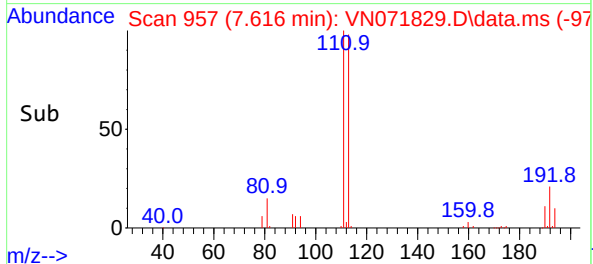
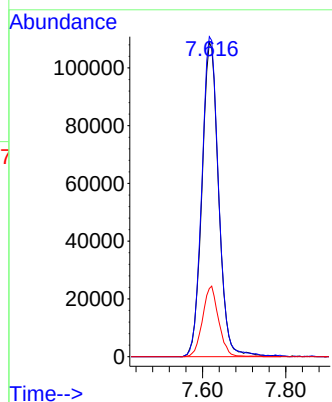
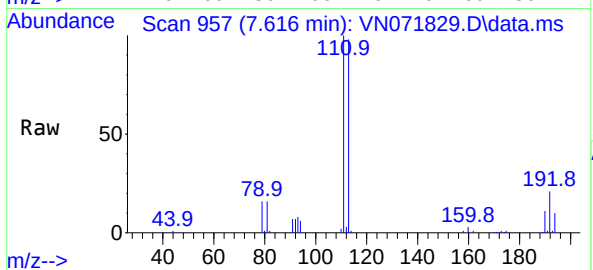




#35
Dibromofluoromethane
Concen: 48.938 ug/l
RT: 7.616 min Scan# 91
Delta R.T. -0.400 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

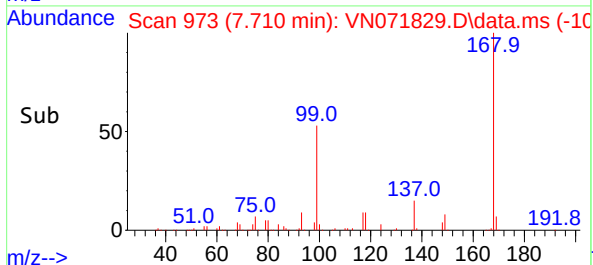
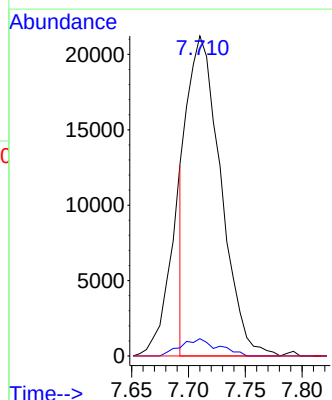
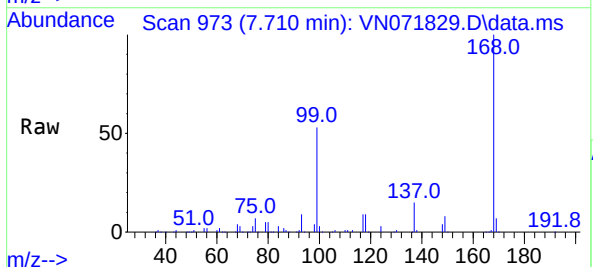
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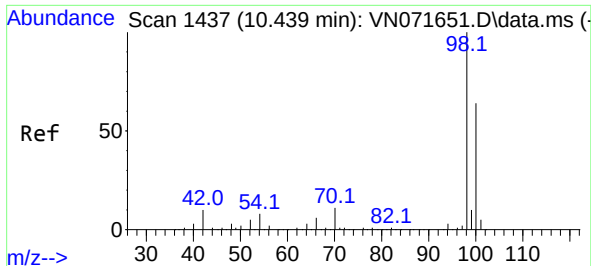
Tgt Ion:113 Resp: 302849
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 21.6 17.0 25.6



#38
Carbon Tetrachloride
Concen: 5.160 ug/l
RT: 7.710 min Scan# 973
Delta R.T. -0.494 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

Tgt Ion:117 Resp: 43705
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#

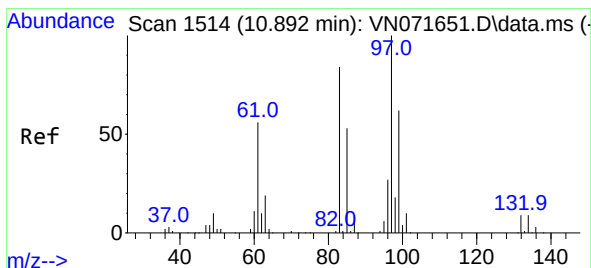
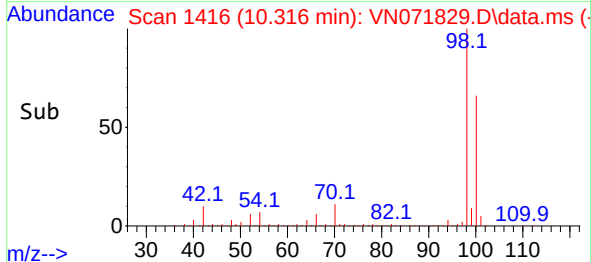
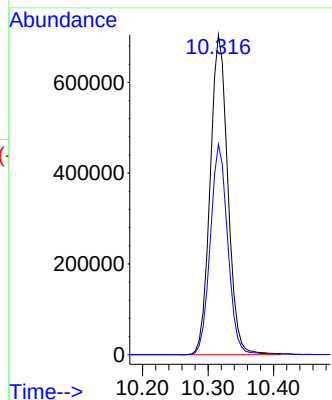
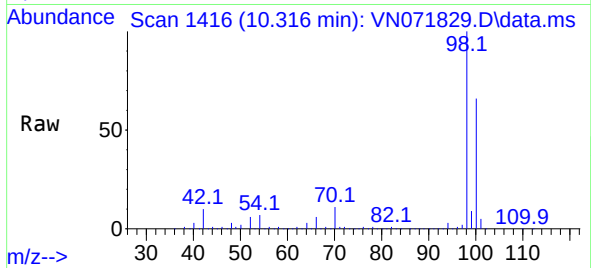




#50
Toluene-d8
Concen: 52.126 ug/l
RT: 10.316 min Scan# 1416
Delta R.T. -0.123 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

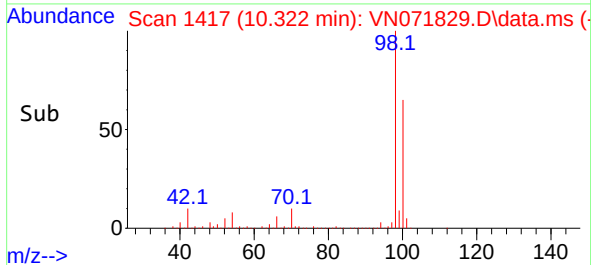
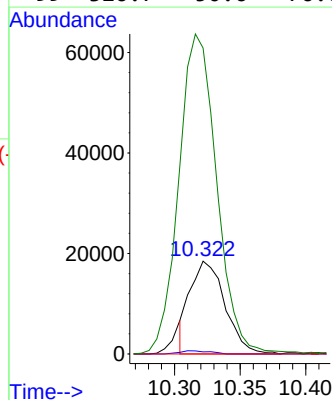
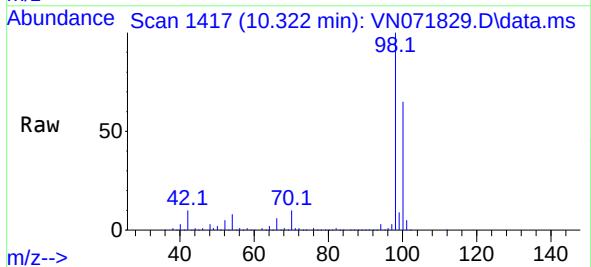
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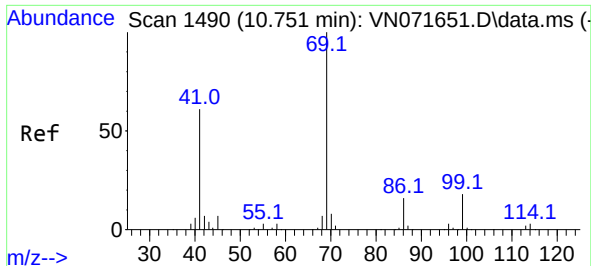
Tgt Ion: 98 Resp: 1319601
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#55
1,1,2-Trichloroethane
Concen: 4.794 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.570 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

Tgt Ion: 97 Resp: 34050
Ion Ratio Lower Upper
97 100
83 2.3 66.2 99.4#
85 0.0 43.9 65.9#
99 326.7 50.6 76.0#

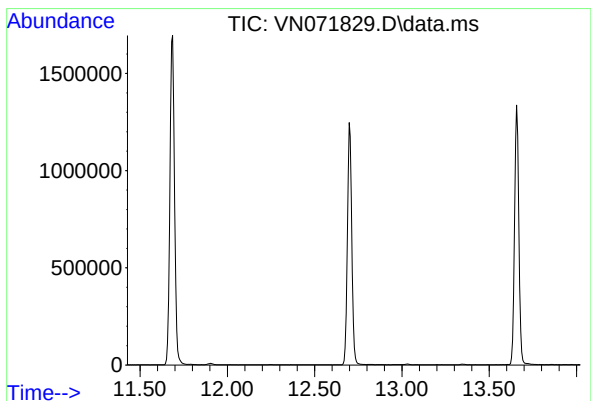
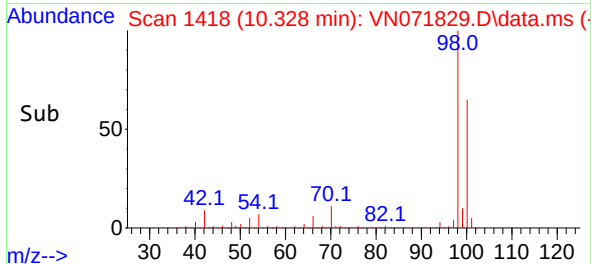
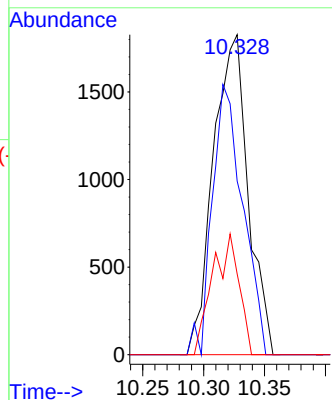
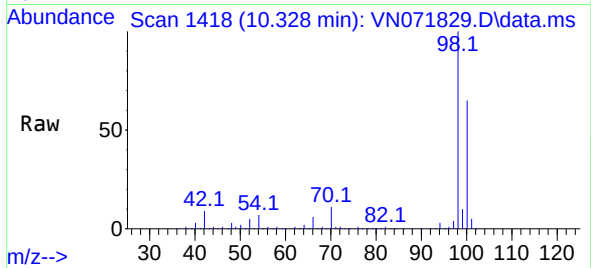




#56
Ethyl methacrylate
Concen: 0.358 ug/l
RT: 10.328 min Scan# 14
Delta R.T. -0.423 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

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

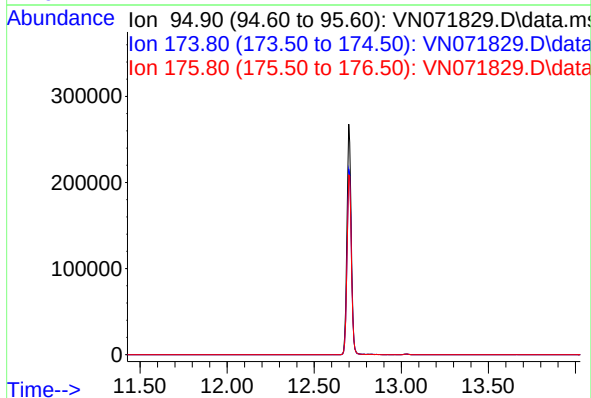
Tgt Ion: 69 Resp: 3632
Ion Ratio Lower Upper
69 100
41 74.1 47.8 71.6#
39 28.7 27.3 40.9

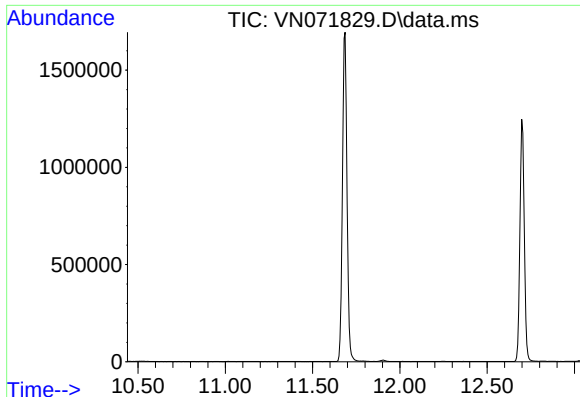


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.73 min

Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

Tgt Ion: 95
Sig Exp Ratio
95 100
174 83.8
176 81.7

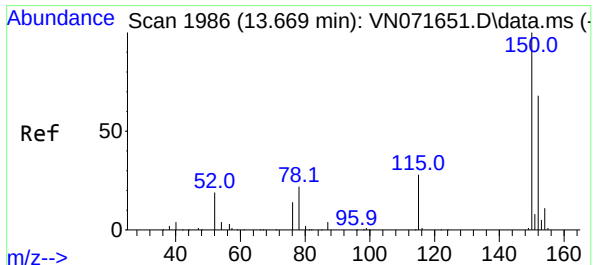
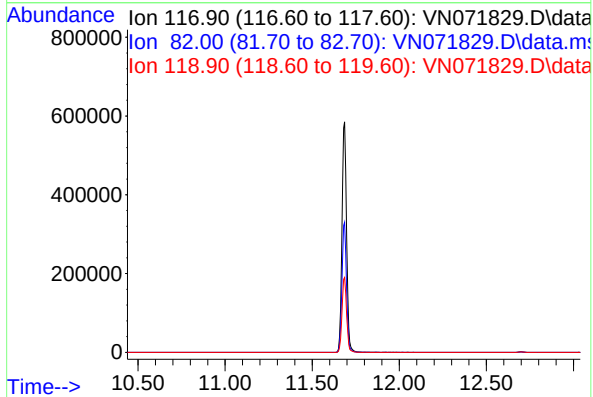




#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.74 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

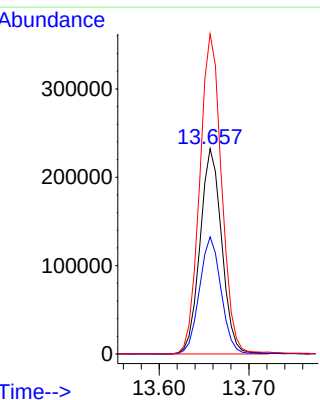
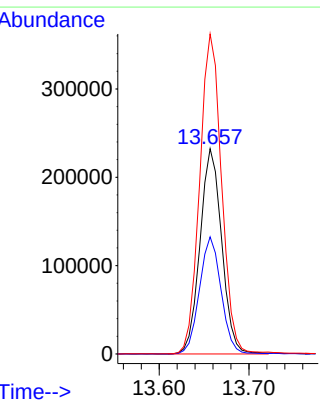
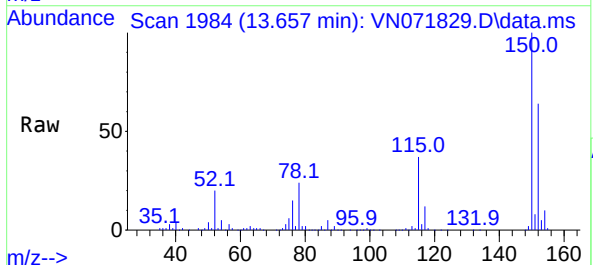
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

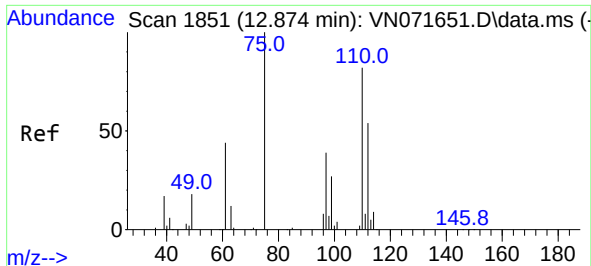
Tgt Ion: 117
Sig Exp Ratio
117 100
82 55.2
119 31.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

Tgt Ion: 152 Resp: 390606
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 157.9 0.0 356.2

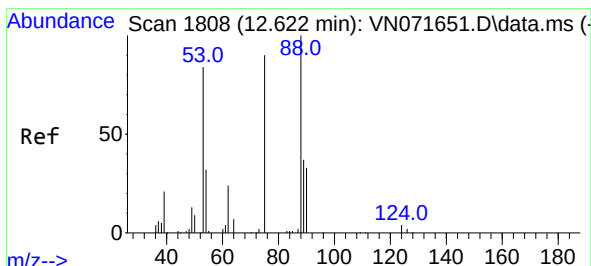
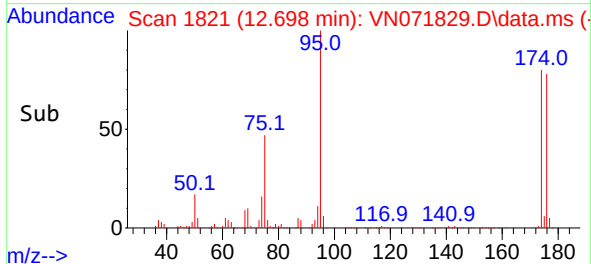
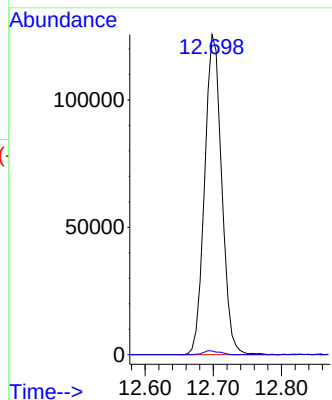
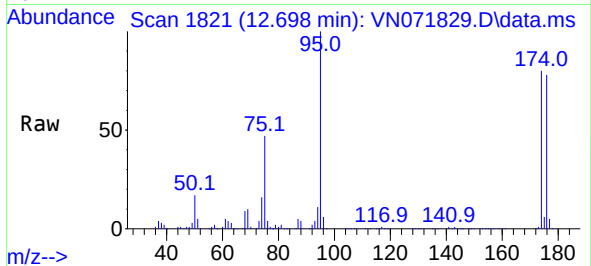




#76
1,2,3-Trichloropropane
Concen: 24.194 ug/l
RT: 12.698 min Scan# 1821
Delta R.T. -0.176 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

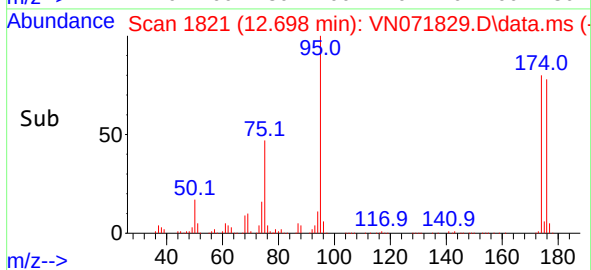
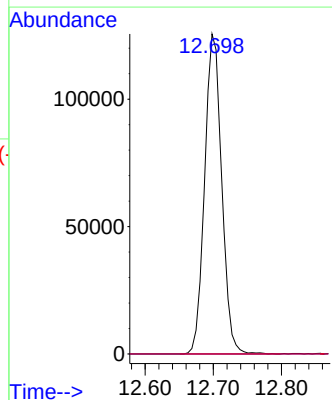
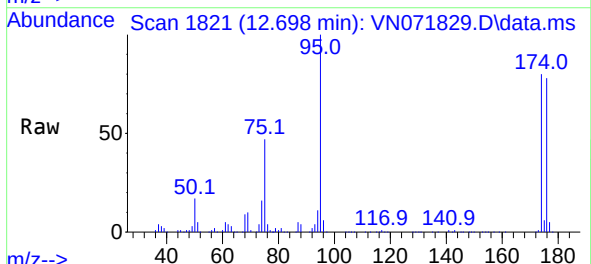
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

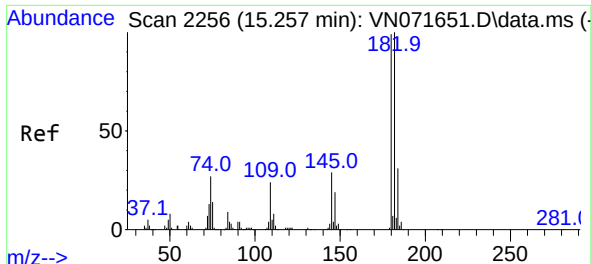
Tgt Ion: 75 Resp: 218923
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.976 ug/l
RT: 12.698 min Scan# 1821
Delta R.T. 0.076 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

Tgt Ion: 75 Resp: 218923
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

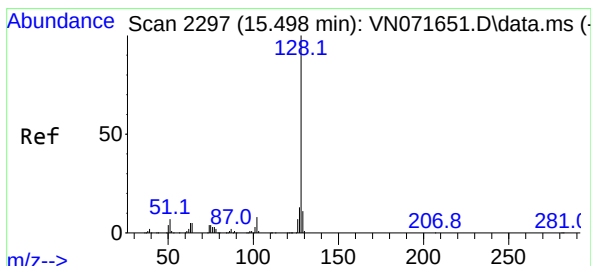
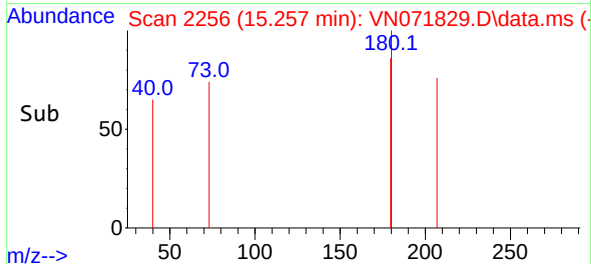
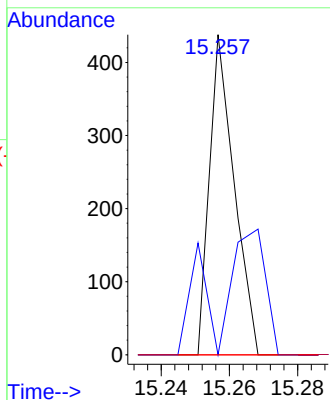
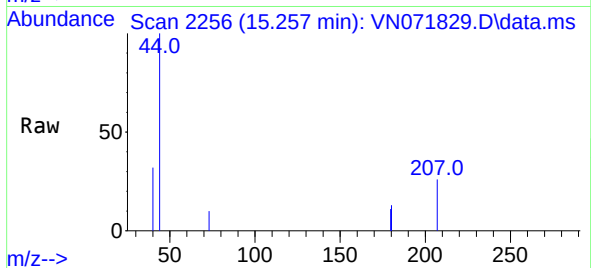




#93
1,2,4-Trichlorobenzene
Concen: 2.120 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

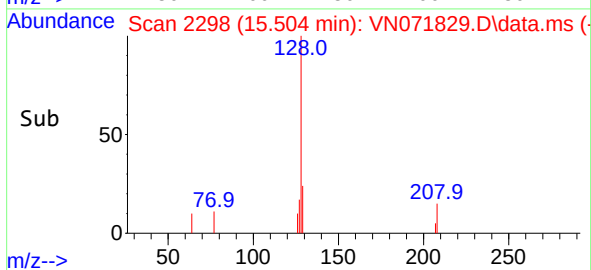
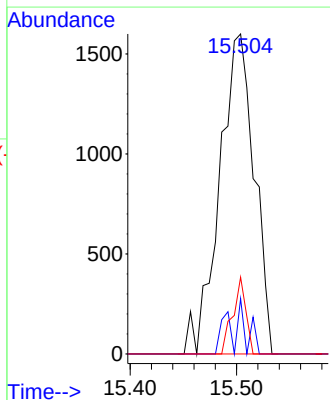
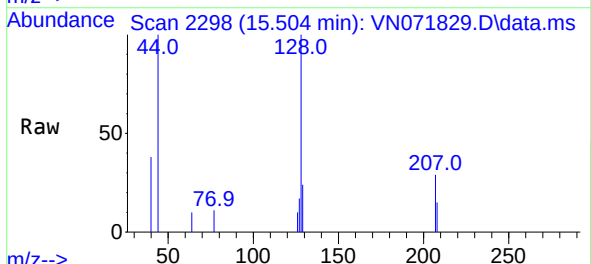
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

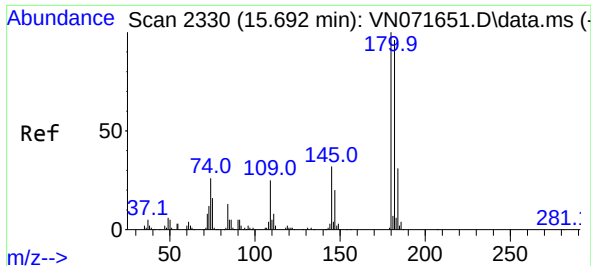
Tgt Ion:180 Resp: 221
Ion Ratio Lower Upper
180 100
182 76.5 47.5 142.5
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 3.991 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

Tgt Ion:128 Resp: 3625
Ion Ratio Lower Upper
128 100
127 4.5 10.3 15.5#
129 9.0 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 2.441 ug/l

RT: 15.704 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN071829.D

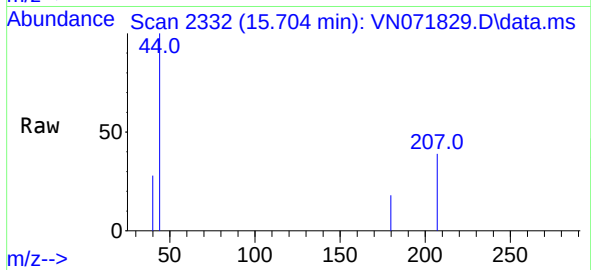
Acq: 04 Apr 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion:180 Resp: 167

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 0.0 15.5 46.5#

