

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071429.D
 Acq On : 21 Mar 2022 19:41
 Operator : JC\MD
 Sample : N1985-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VACLOT-SOIL-2

Quant Time: Mar 22 06:22:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

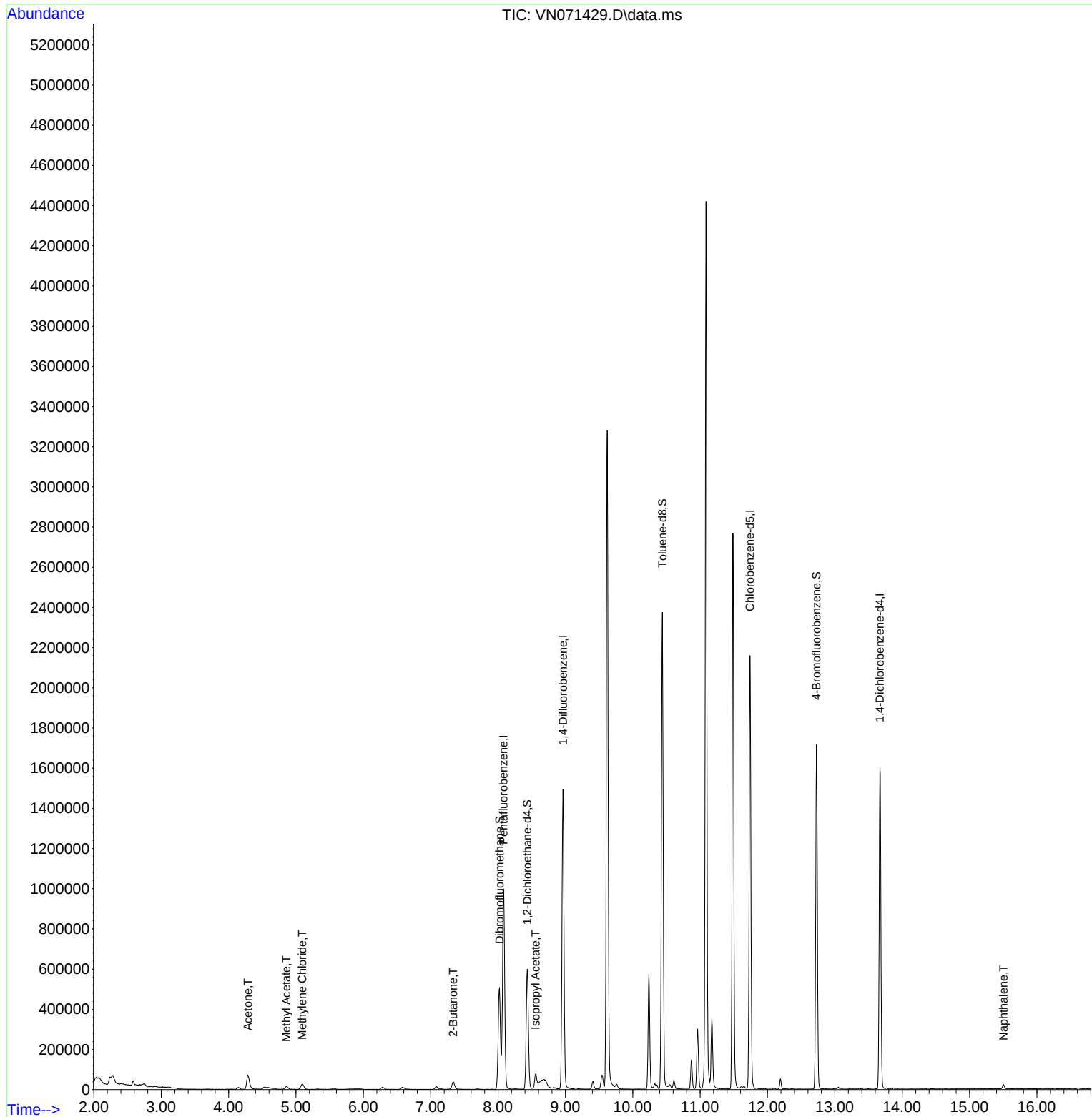
Internal Standards						
1) Pentafluorobenzene	8.081	168	764176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1296552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1248885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	451785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	497049	47.459	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.920%
35) Dibromofluoromethane	8.022	113	372643	45.546	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.100%
50) Toluene-d8	10.439	98	1612136	48.939	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.727	95	596821	53.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.000%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	135284	26.547	ug/l	97
18) Methyl Acetate	4.857	43	31707	2.765	ug/l	93
20) Methylene Chloride	5.093	84	21402	2.662	ug/l	91
25) 2-Butanone	7.334	43	67944	8.277	ug/l	93
43) Isopropyl Acetate	8.557	43	94781	3.513	ug/l #	83
95) Naphthalene	15.504	128	19351	5.907	ug/l	95

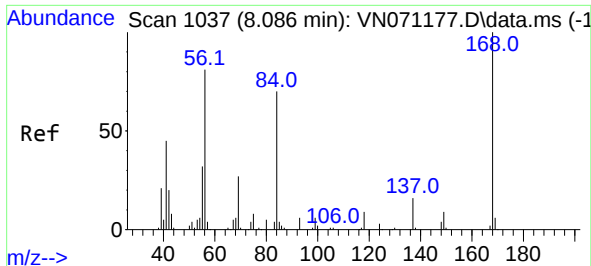
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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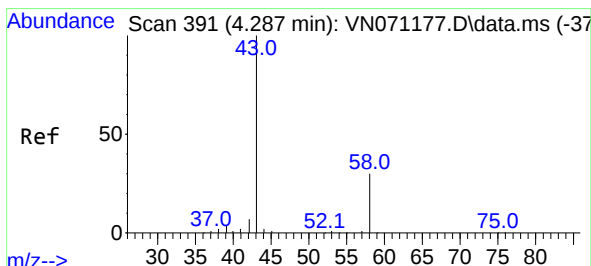
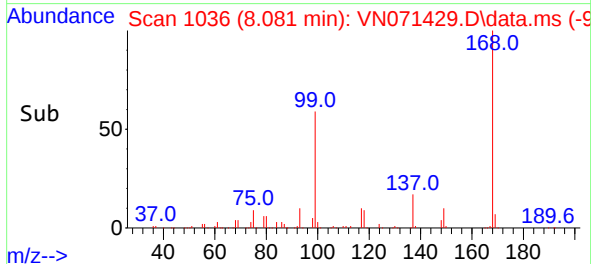
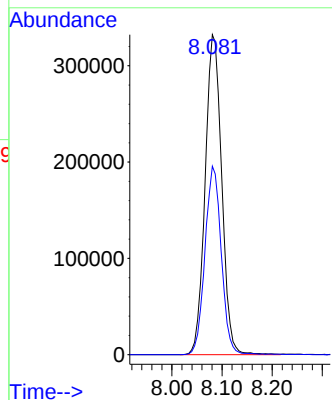
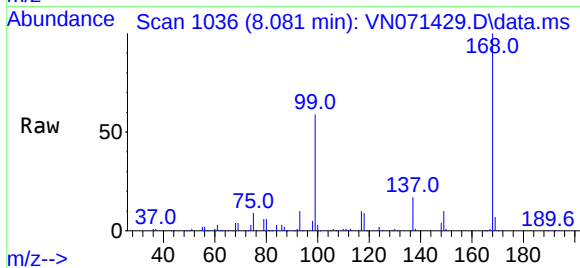




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071429.D
Acq: 21 Mar 2022 19:41

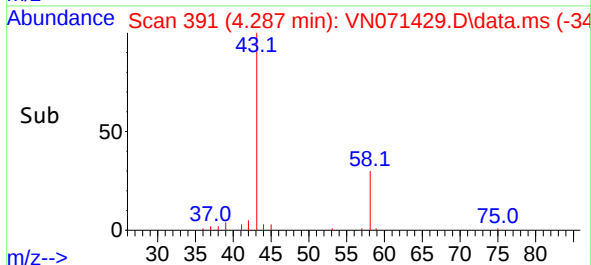
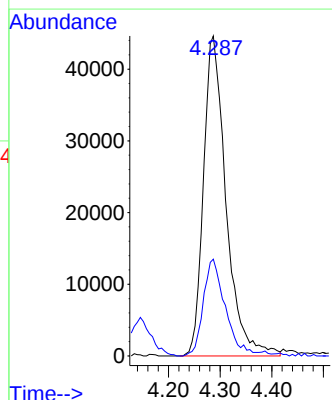
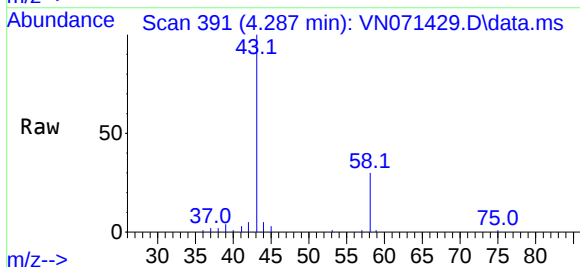
Instrument :
MSVOA_N
ClientSampleId :
VACLOT-SOIL-2

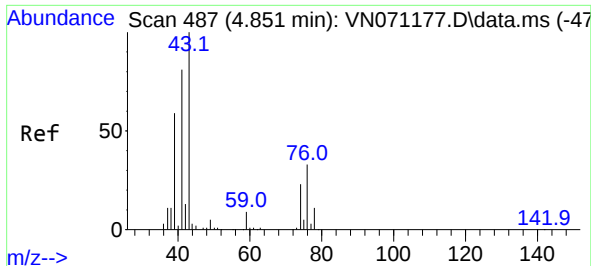
Tgt Ion:168 Resp: 764176
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9



#16
Acetone
Concen: 26.547 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071429.D
Acq: 21 Mar 2022 19:41

Tgt Ion: 43 Resp: 135284
Ion Ratio Lower Upper
43 100
58 30.2 23.1 34.7

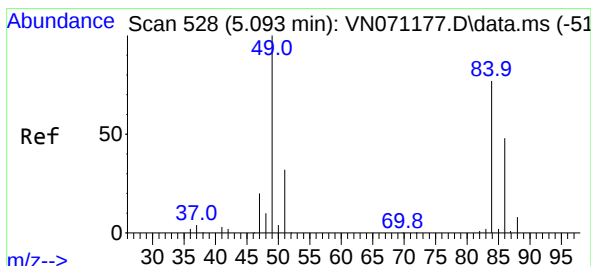
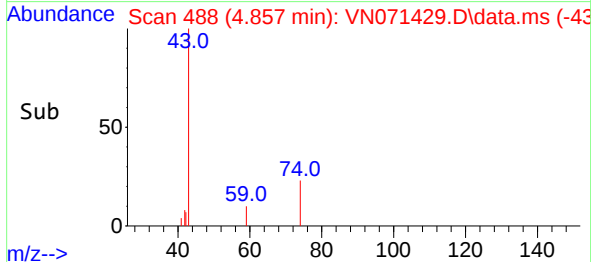
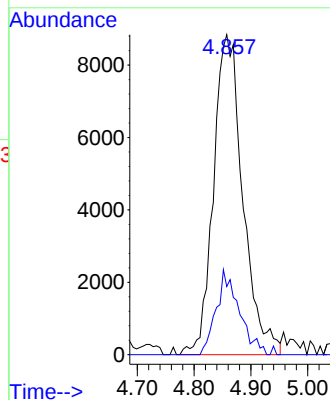
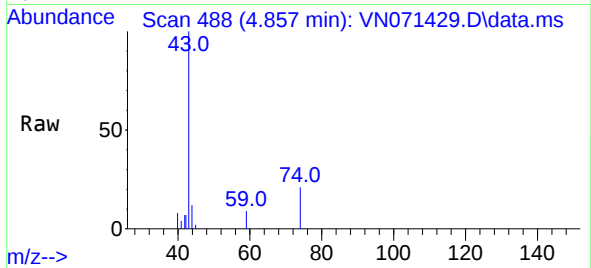




#18
Methyl Acetate
Concen: 2.765 ug/l
RT: 4.857 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN071429.D
Acq: 21 Mar 2022 19:41

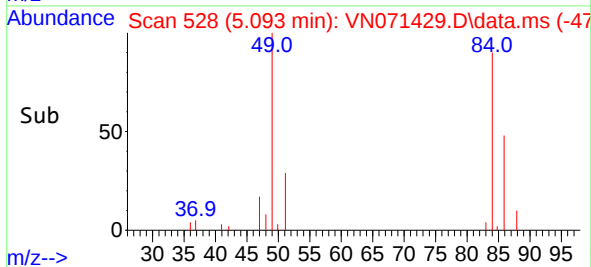
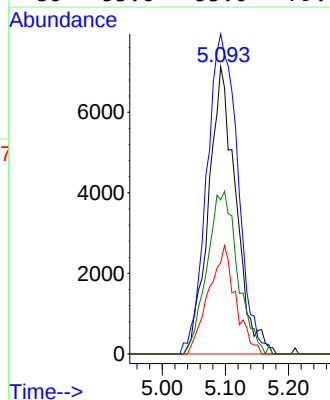
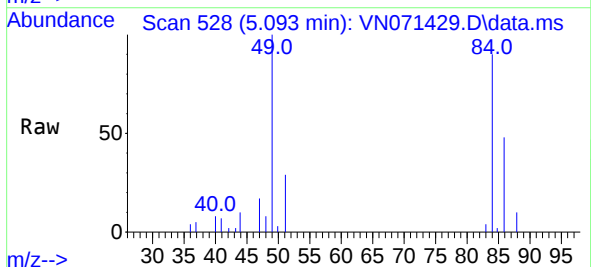
Instrument :
MSVOA_N
ClientSampleId :
VACLOT-SOIL-2

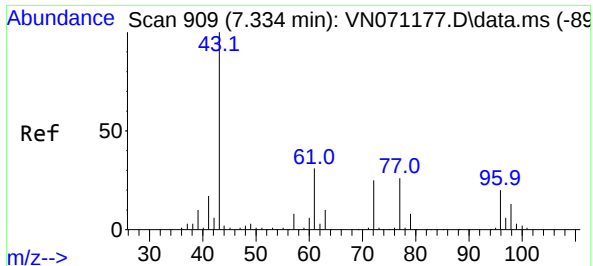
Tgt Ion: 43 Resp: 31707
Ion Ratio Lower Upper
43 100
74 20.8 19.4 29.2



#20
Methylene Chloride
Concen: 2.662 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071429.D
Acq: 21 Mar 2022 19:41

Tgt Ion: 84 Resp: 21402
Ion Ratio Lower Upper
84 100
49 111.3 93.5 140.3
51 31.8 29.4 44.2
86 53.6 53.0 79.4





#25

2-Butanone

Concen: 8.277 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.000 min

Lab File: VN071429.D

Acq: 21 Mar 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

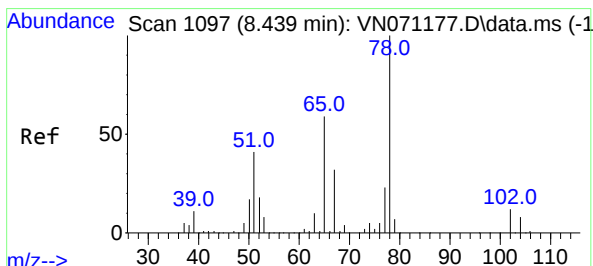
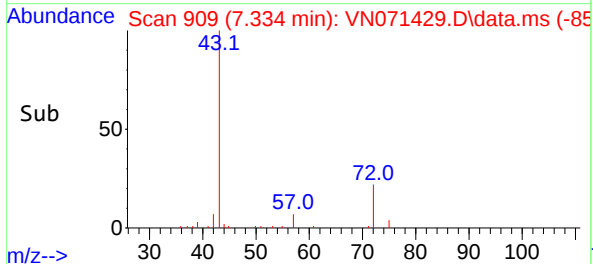
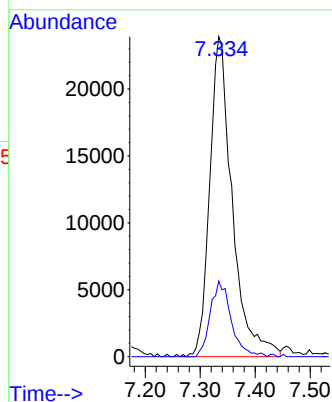
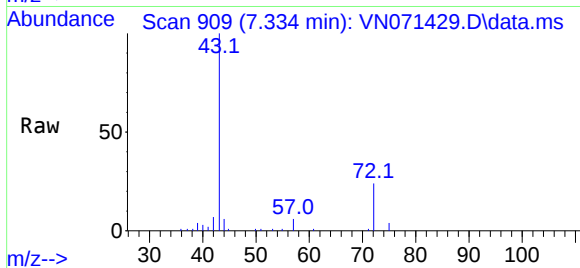
VACLOT-SOIL-2

Tgt Ion: 43 Resp: 67944

Ion Ratio Lower Upper

43 100

72 23.7 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 47.459 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071429.D

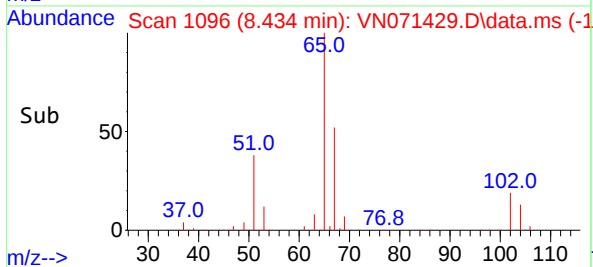
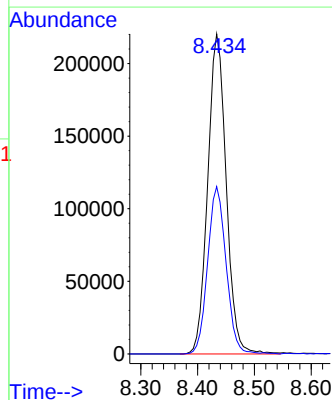
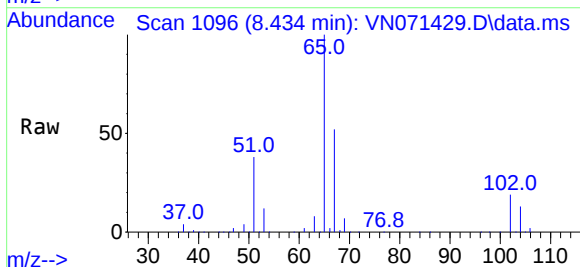
Acq: 21 Mar 2022 19:41

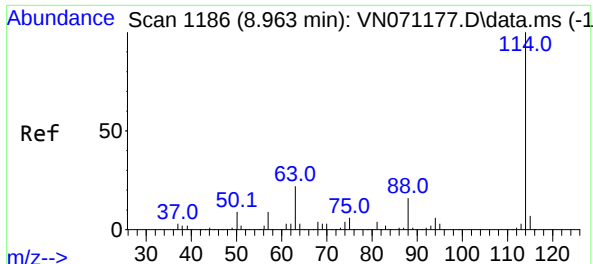
Tgt Ion: 65 Resp: 497049

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0

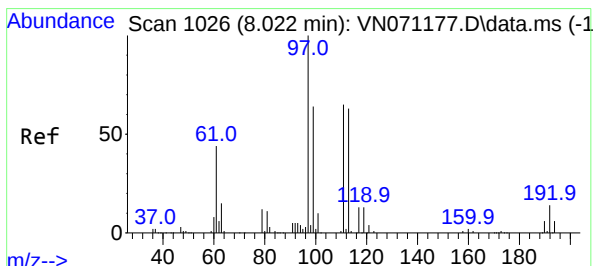
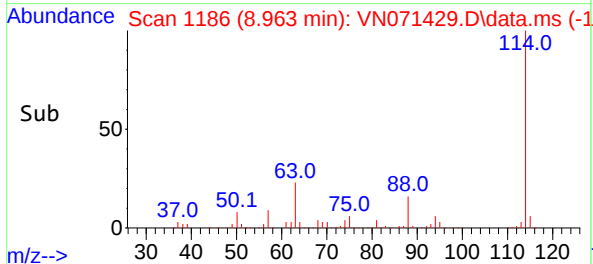
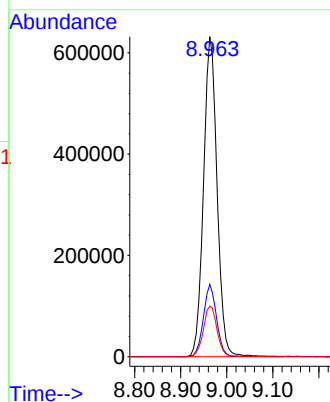
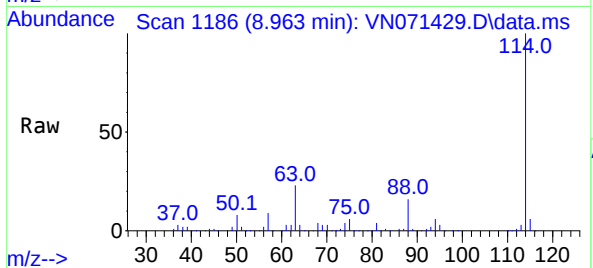




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071429.D
Acq: 21 Mar 2022 19:41

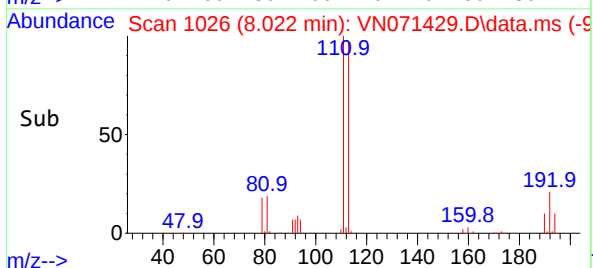
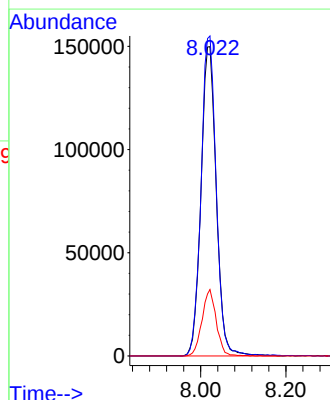
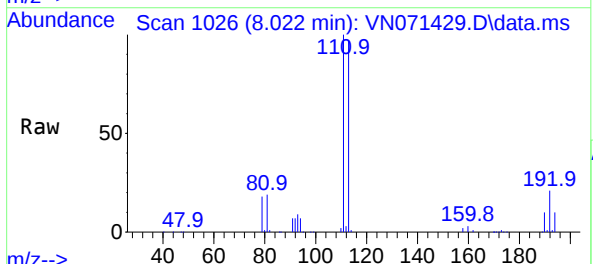
Instrument :
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ClientSampleId :
VACLOT-SOIL-2

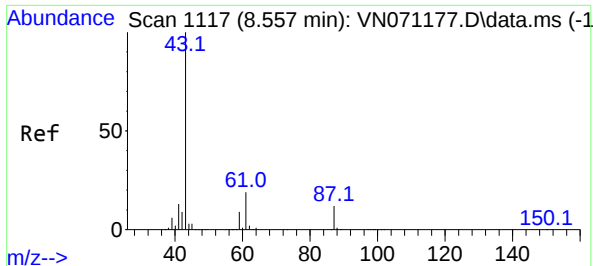
Tgt Ion:114 Resp: 1296552
Ion Ratio Lower Upper
114 100
63 22.6 0.0 37.8
88 15.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.546 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071429.D
Acq: 21 Mar 2022 19:41

Tgt Ion:113 Resp: 372643
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 20.0 16.9 25.3

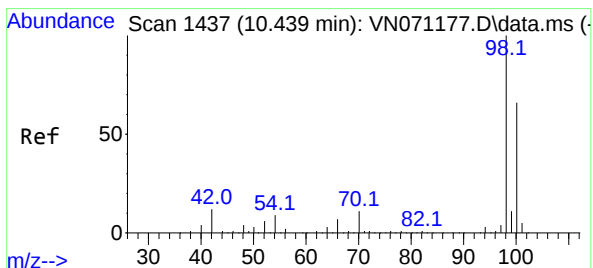
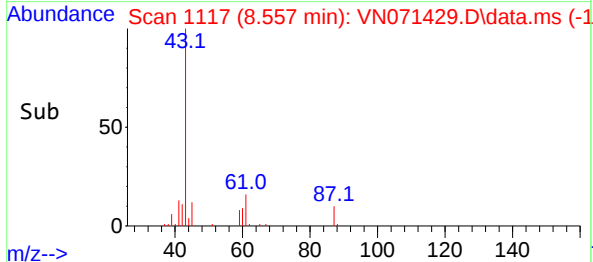
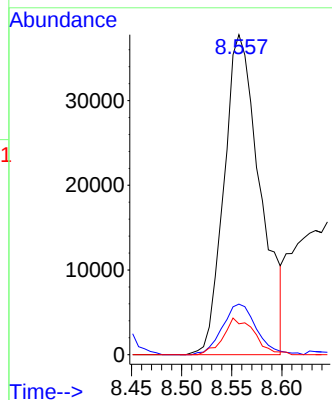
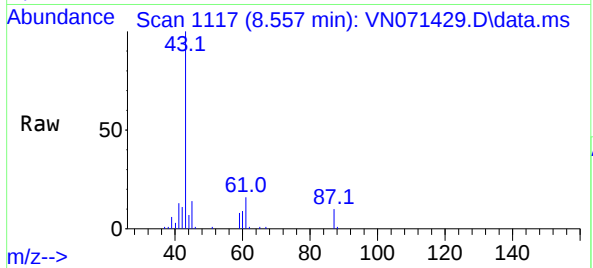




#43
Isopropyl Acetate
Concen: 3.513 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071429.D
Acq: 21 Mar 2022 19:41

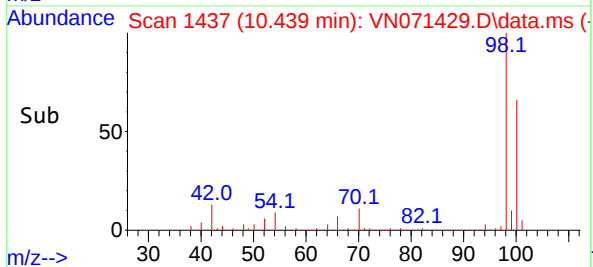
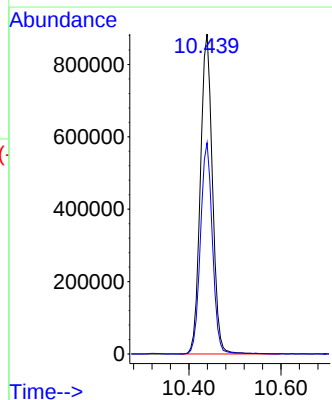
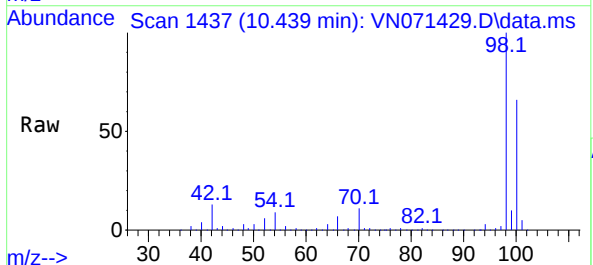
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VACLOT-SOIL-2

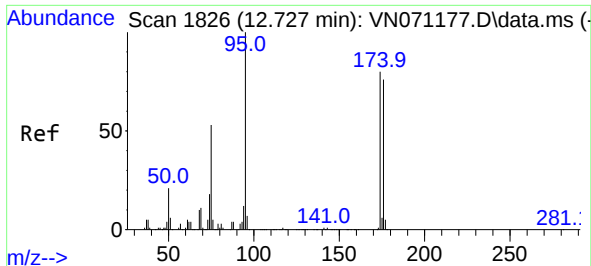
Tgt Ion: 43 Resp: 94781
Ion Ratio Lower Upper
43 100
61 14.9 20.4 30.6#
87 9.9 11.2 16.8#



#50
Toluene-d8
Concen: 48.939 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071429.D
Acq: 21 Mar 2022 19:41

Tgt Ion: 98 Resp: 1612136
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6

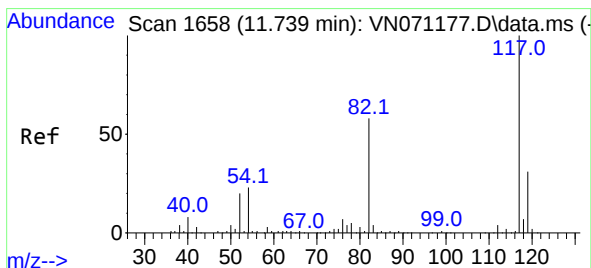
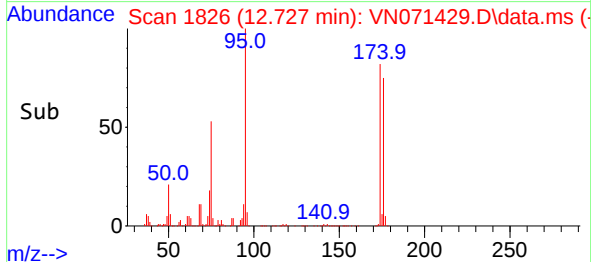
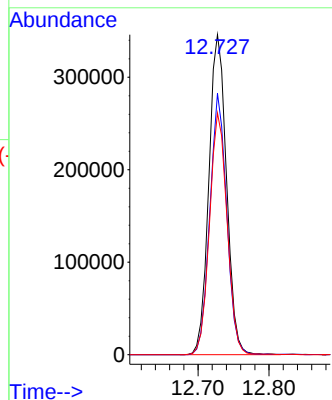
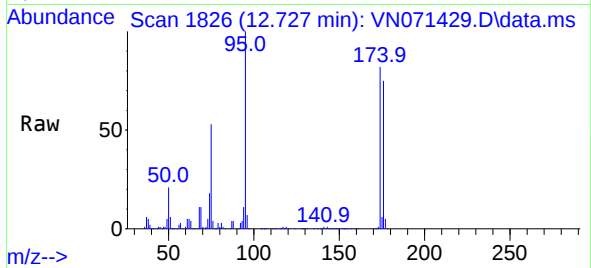




#62
4-Bromofluorobenzene
Concen: 53.503 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071429.D
Acq: 21 Mar 2022 19:41

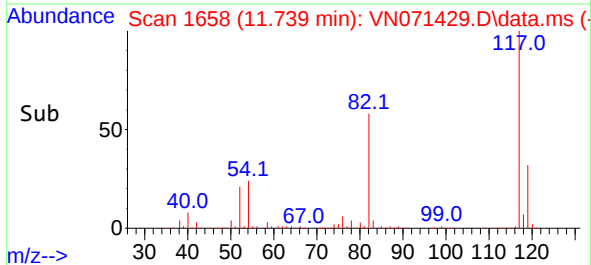
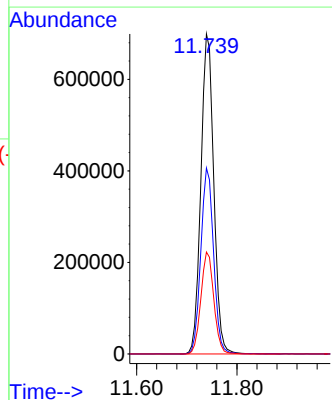
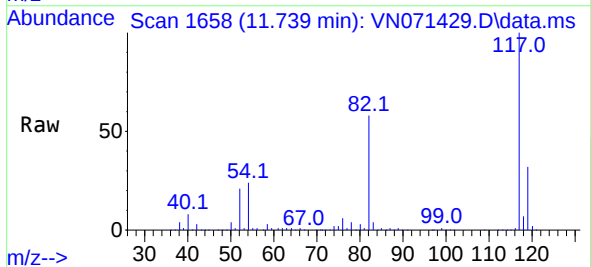
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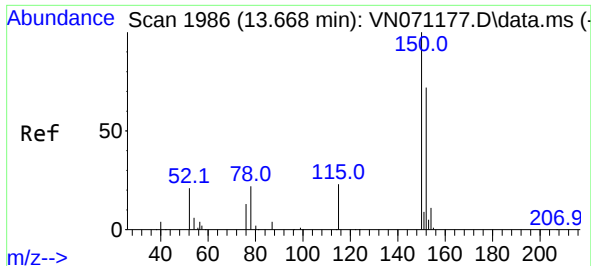
Tgt Ion: 95 Resp: 596821
Ion Ratio Lower Upper
95 100
174 78.2 0.0 187.2
176 75.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071429.D
Acq: 21 Mar 2022 19:41

Tgt Ion: 117 Resp: 1248885
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 31.8 25.4 38.2

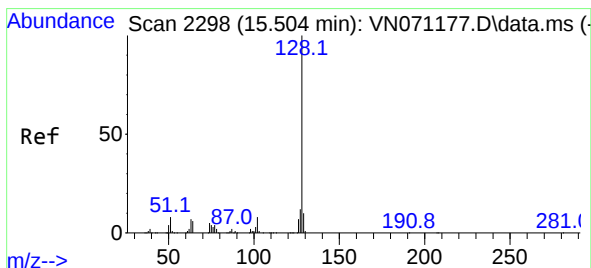
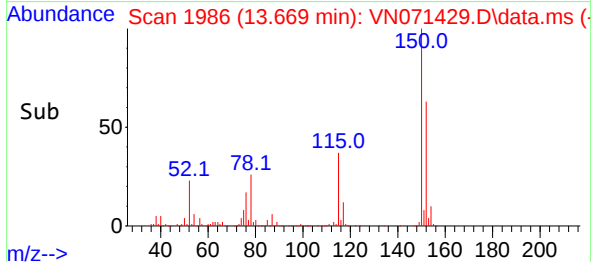
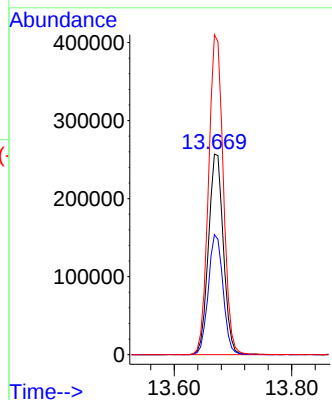
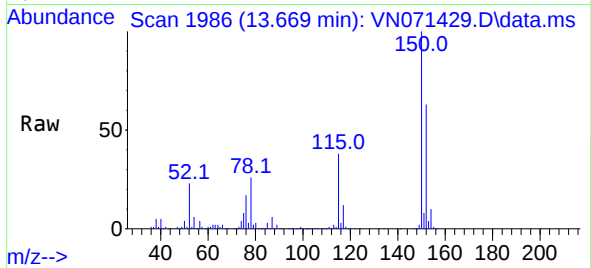




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071429.D
Acq: 21 Mar 2022 19:41

Instrument :
MSVOA_N
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VACLOT-SOIL-2

Tgt Ion:152 Resp: 451785
Ion Ratio Lower Upper
152 100
115 59.4 27.5 82.5
150 158.0 0.0 344.4



#95
Naphthalene
Concen: 5.907 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071429.D
Acq: 21 Mar 2022 19:41

Tgt Ion:128 Resp: 19351
Ion Ratio Lower Upper
128 100
127 11.0 10.5 15.7
129 12.5 8.7 13.1

