

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071428.D
 Acq On : 21 Mar 2022 19:17
 Operator : JC\MD
 Sample : N1985-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VACLOT-SOIL-1

Quant Time: Mar 22 06:21:48 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)

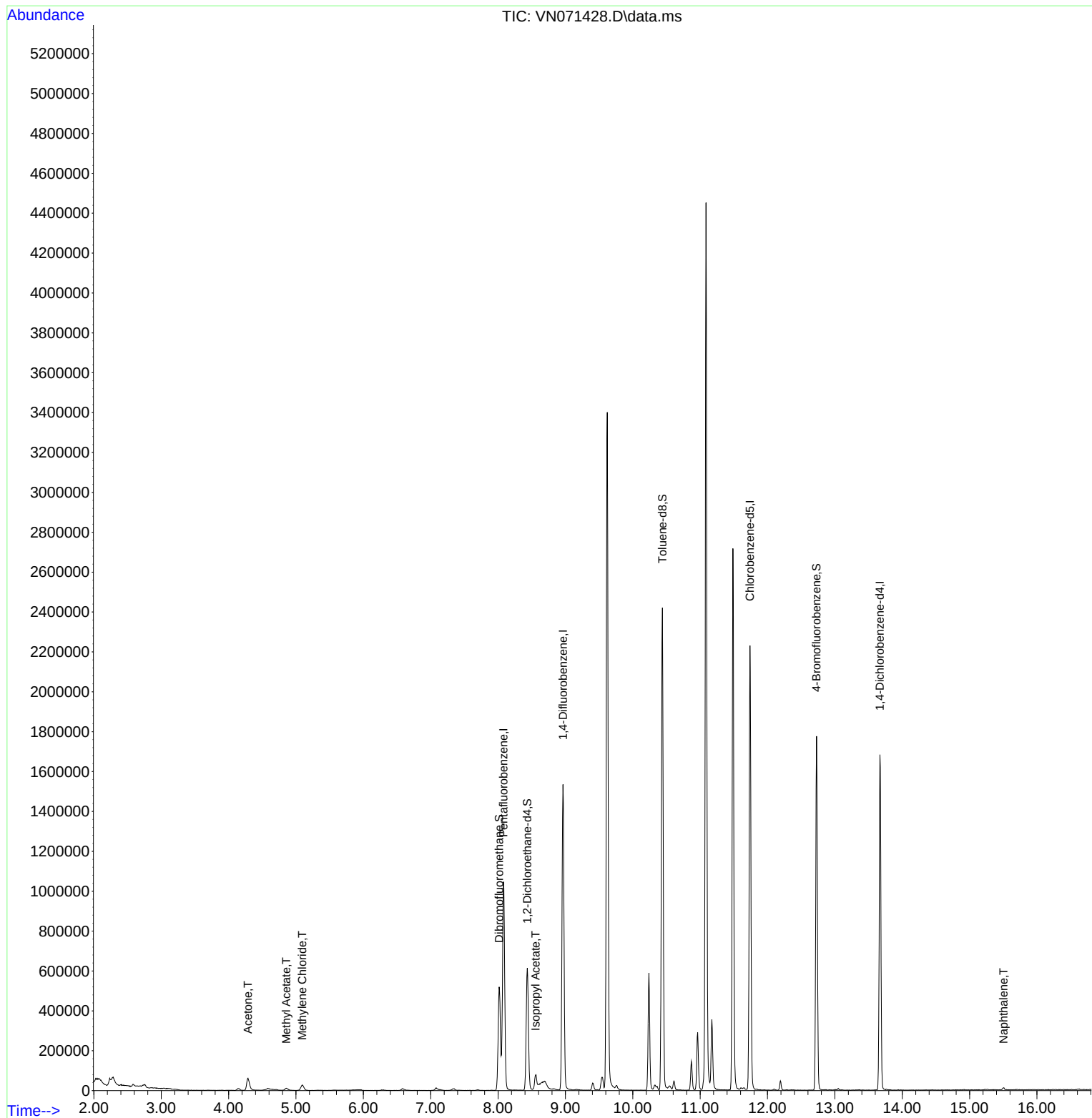
Internal Standards						
1) Pentafluorobenzene	8.081	168	806581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1334987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1276750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	460889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	510600	46.189	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.380%
35) Dibromofluoromethane	8.016	113	386107	45.833	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.660%
50) Toluene-d8	10.439	98	1658783	48.905	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.727	95	615804	53.615	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.240%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	117096	21.770	ug/l	99
18) Methyl Acetate	4.857	43	25020	2.186	ug/l	93
20) Methylene Chloride	5.093	84	20682	2.470	ug/l #	82
43) Isopropyl Acetate	8.557	43	97096	3.495	ug/l #	84
95) Naphthalene	15.504	128	10113	5.498	ug/l #	95

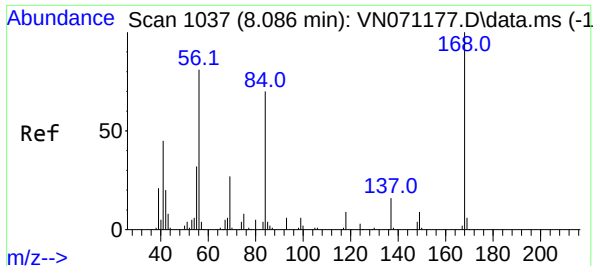
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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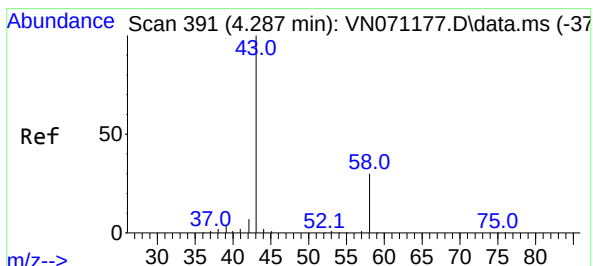
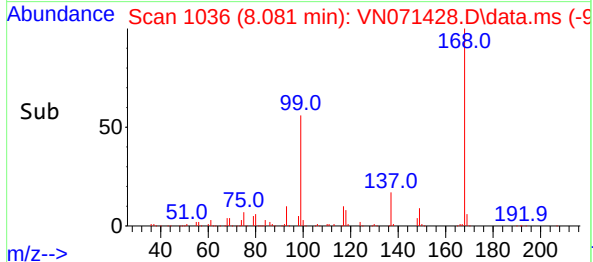
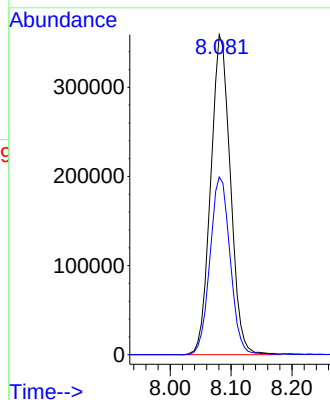
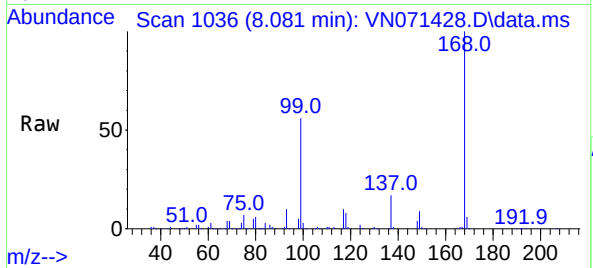




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071428.D
Acq: 21 Mar 2022 19:17

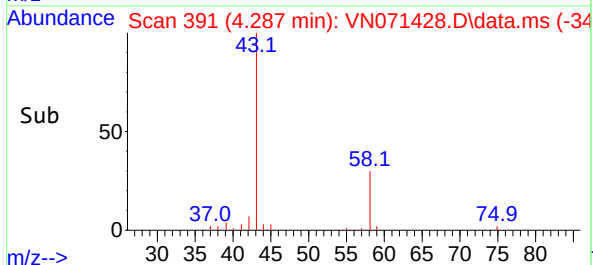
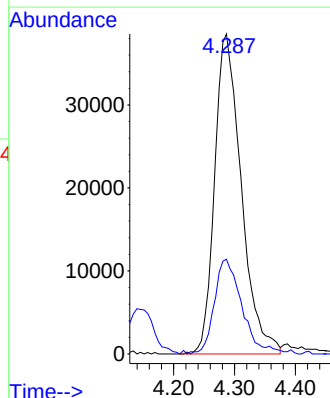
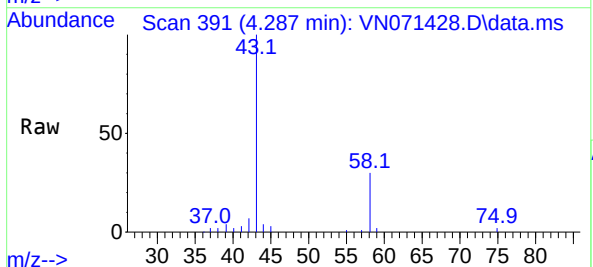
Instrument :
MSVOA_N
ClientSampleId :
VACLOT-SOIL-1

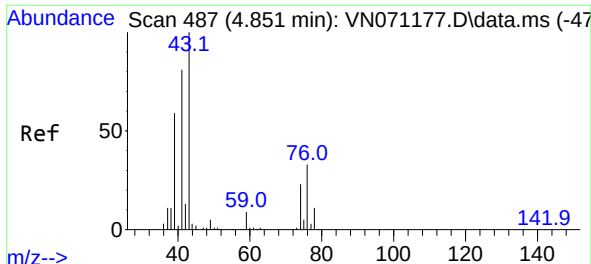
Tgt Ion:168 Resp: 806581
Ion Ratio Lower Upper
168 100
99 55.5 41.3 61.9



#16
Acetone
Concen: 21.770 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN071428.D
Acq: 21 Mar 2022 19:17

Tgt Ion: 43 Resp: 117096
Ion Ratio Lower Upper
43 100
58 29.6 23.1 34.7

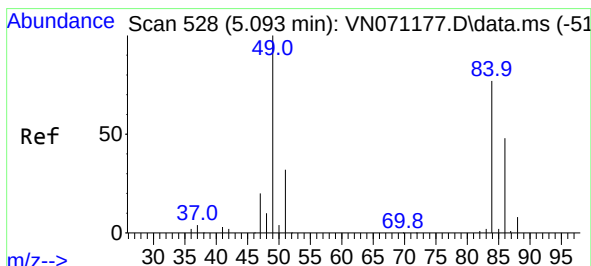
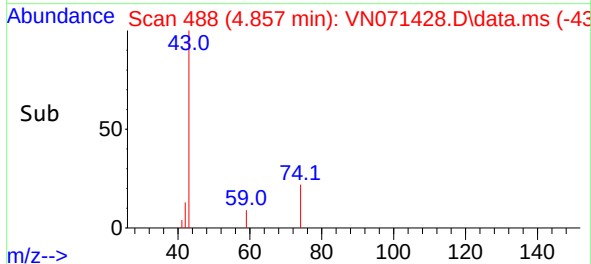
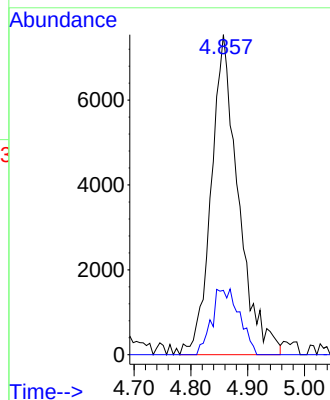
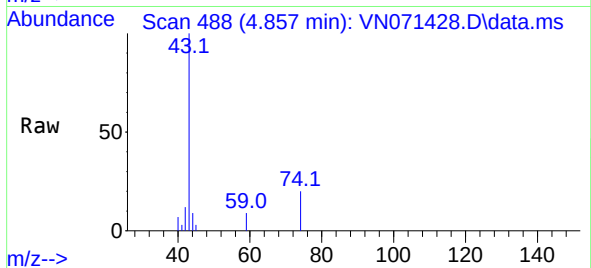




#18
Methyl Acetate
Concen: 2.186 ug/l
RT: 4.857 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN071428.D
Acq: 21 Mar 2022 19:17

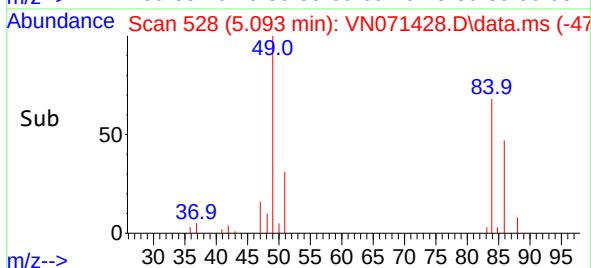
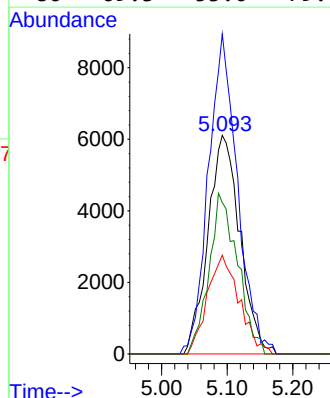
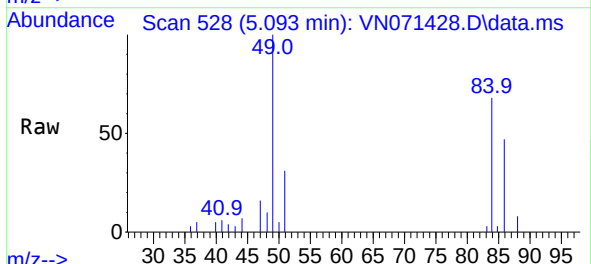
Instrument :
MSVOA_N
ClientSampleId :
VACLOT-SOIL-1

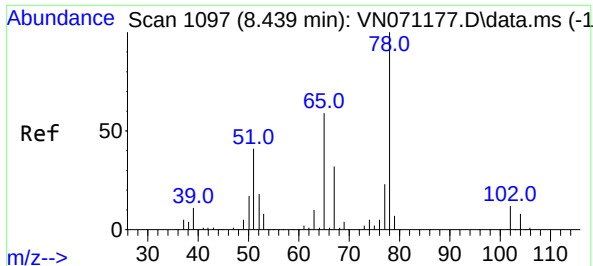
Tgt Ion: 43 Resp: 25020
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2



#20
Methylene Chloride
Concen: 2.470 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071428.D
Acq: 21 Mar 2022 19:17

Tgt Ion: 84 Resp: 20682
Ion Ratio Lower Upper
84 100
49 146.4 93.5 140.3#
51 45.2 29.4 44.2#
86 69.3 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 46.189 ug/l

RT: 8.433 min Scan# 1097

Delta R.T. -0.006 min

Lab File: VN071428.D

Acq: 21 Mar 2022 19:17

Instrument :

MSVOA_N

ClientSampleId :

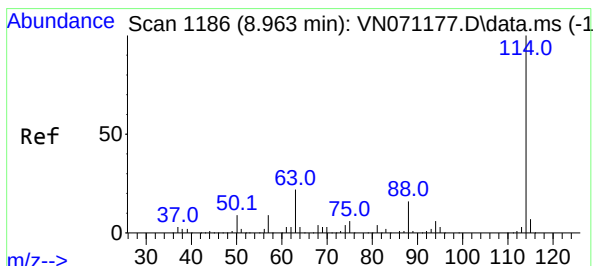
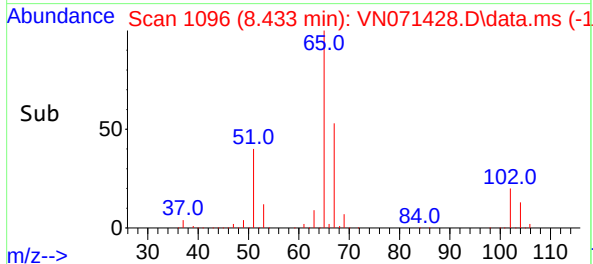
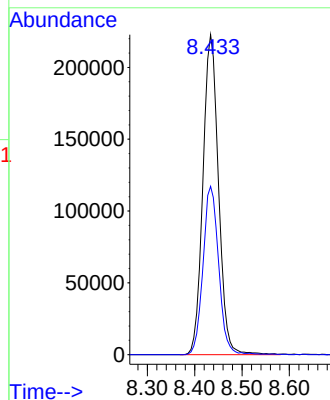
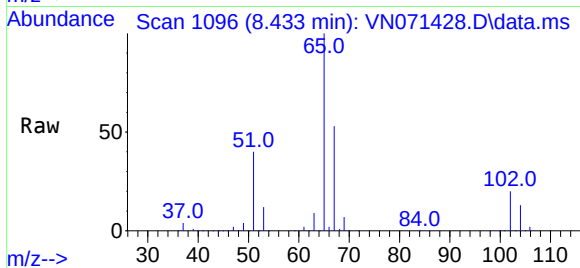
VACLOT-SOIL-1

Tgt Ion: 65 Resp: 510600

Ion Ratio Lower Upper

65 100

67 52.8 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: VN071428.D

Acq: 21 Mar 2022 19:17

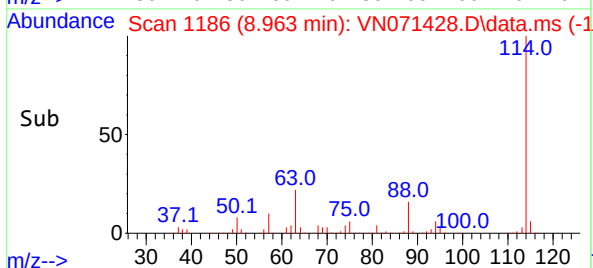
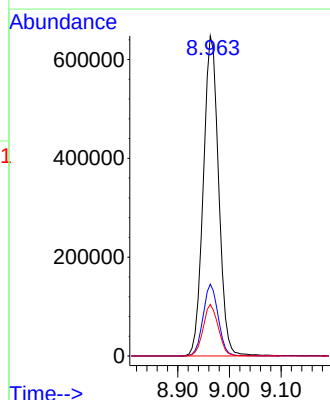
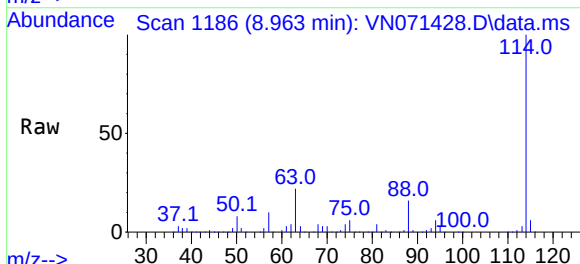
Tgt Ion: 114 Resp: 1334987

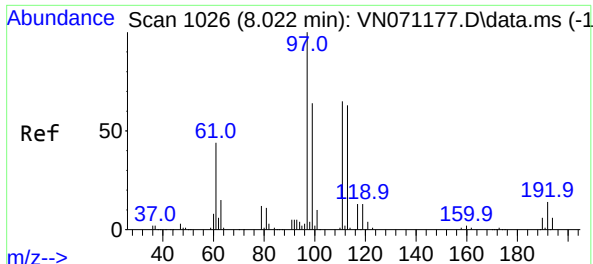
Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.8

88 16.1 0.0 27.4

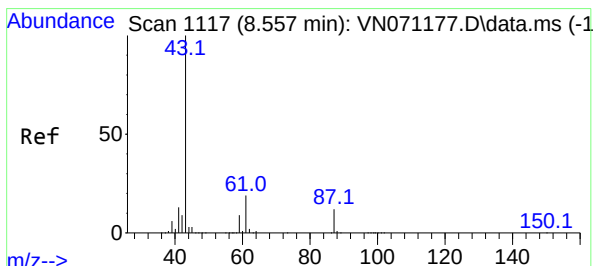
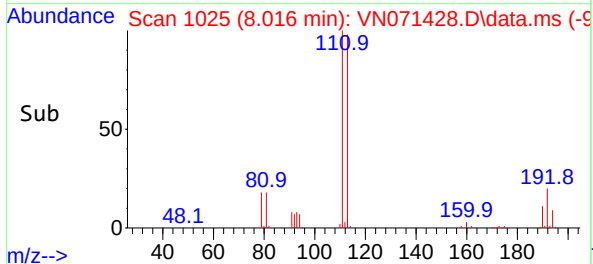
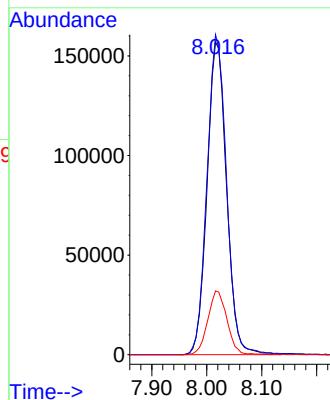
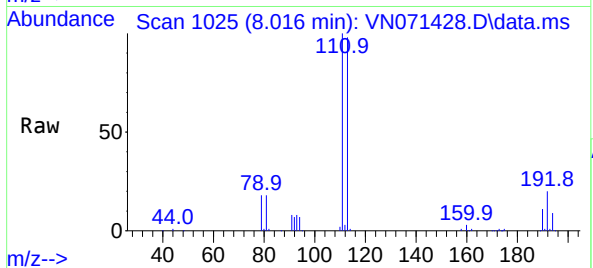




#35
Dibromofluoromethane
Concen: 45.833 ug/l
RT: 8.016 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN071428.D
Acq: 21 Mar 2022 19:17

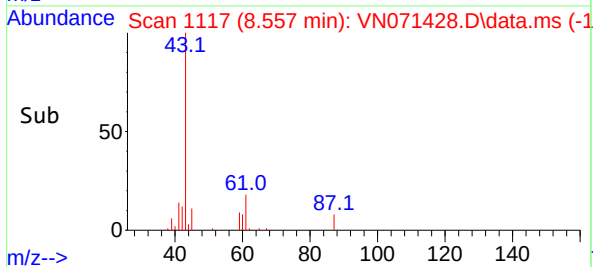
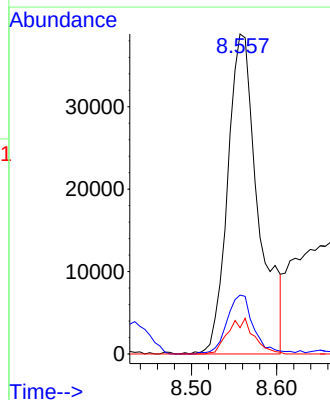
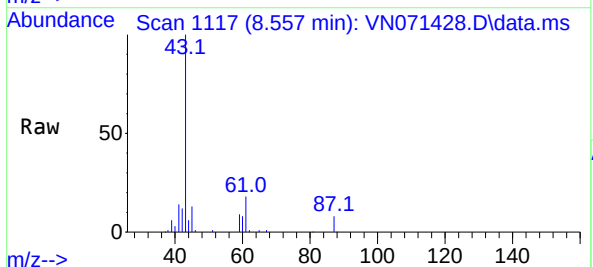
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VACLOT-SOIL-1

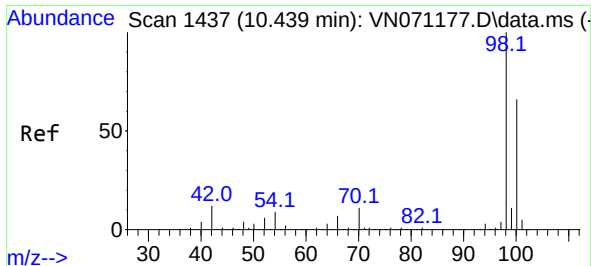
Tgt Ion:113 Resp: 386107
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.1 16.9 25.3



#43
Isopropyl Acetate
Concen: 3.495 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071428.D
Acq: 21 Mar 2022 19:17

Tgt Ion: 43 Resp: 97096
Ion Ratio Lower Upper
43 100
61 16.1 20.4 30.6#
87 9.4 11.2 16.8#

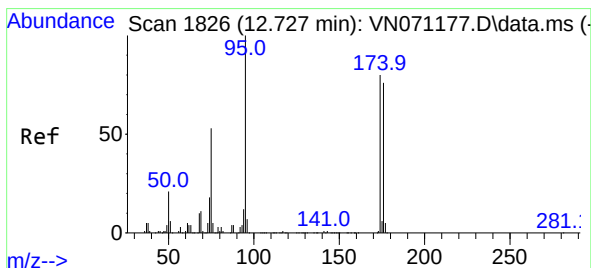
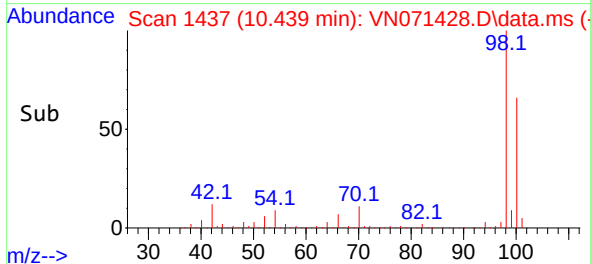
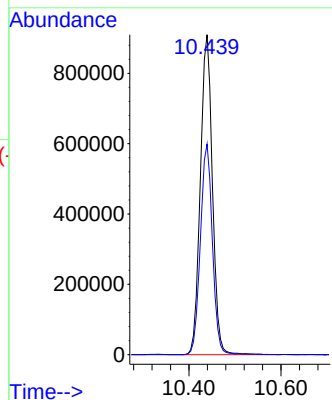
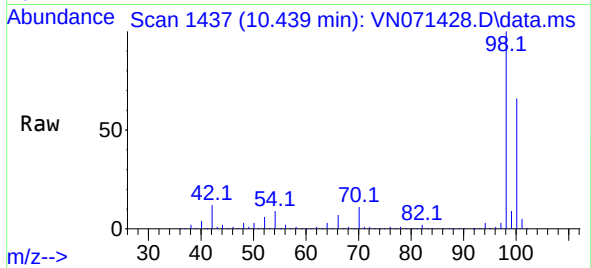




#50
Toluene-d8
Concen: 48.905 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071428.D
Acq: 21 Mar 2022 19:17

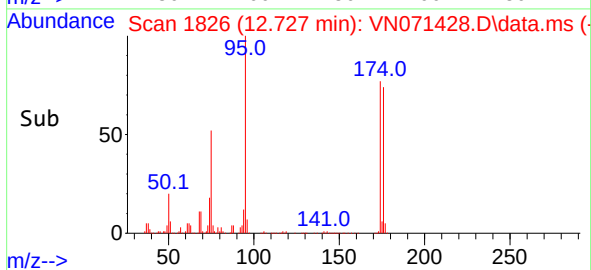
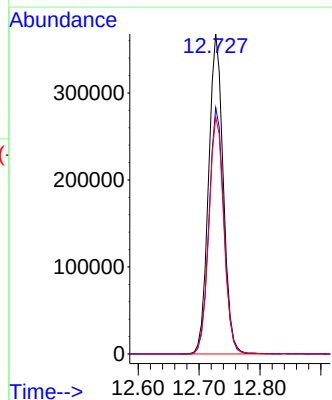
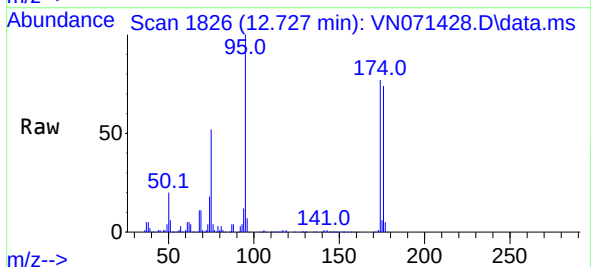
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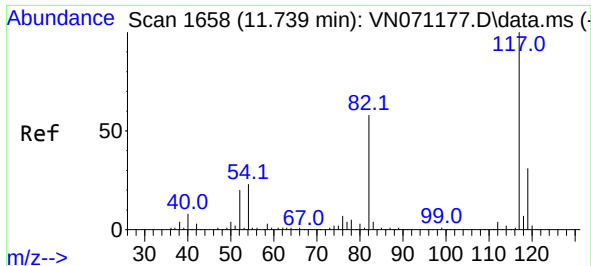
Tgt Ion: 98 Resp: 1658783
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 53.615 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071428.D
Acq: 21 Mar 2022 19:17

Tgt Ion: 95 Resp: 615804
Ion Ratio Lower Upper
95 100
174 78.0 0.0 187.2
176 75.4 0.0 181.4

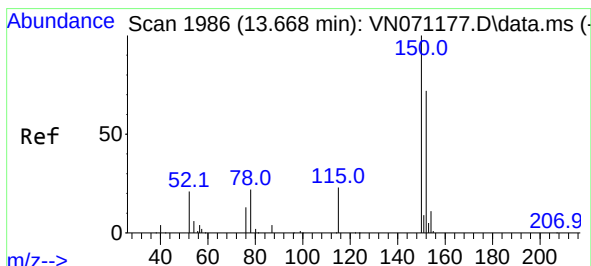
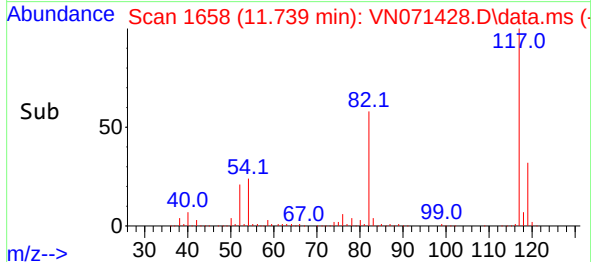
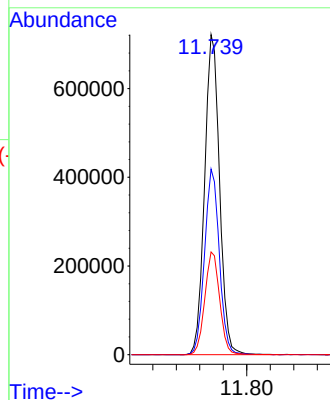
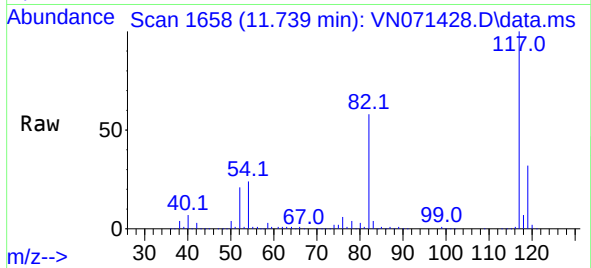




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071428.D
Acq: 21 Mar 2022 19:17

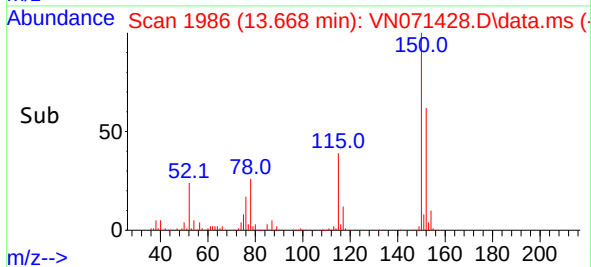
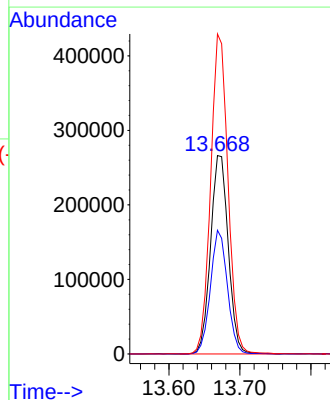
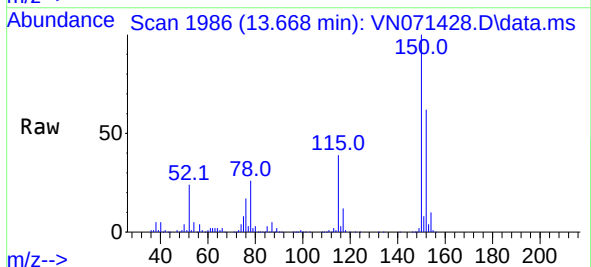
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VACLOT-SOIL-1

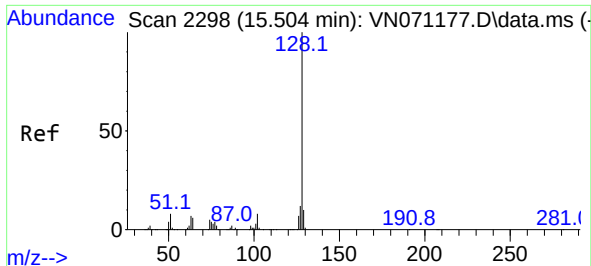
Tgt Ion:117 Resp: 1276750
Ion Ratio Lower Upper
117 100
82 58.0 42.4 63.6
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071428.D
Acq: 21 Mar 2022 19:17

Tgt Ion:152 Resp: 460889
Ion Ratio Lower Upper
152 100
115 60.0 27.5 82.5
150 158.0 0.0 344.4





#95
Naphthalene
Concen: 5.498 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071428.D
Acq: 21 Mar 2022 19:17

Instrument :
MSVOA_N
ClientSampleId :
VACLOT-SOIL-1

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.5	15.7#
129	11.9	8.7	13.1

