

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077240.D
 Acq On : 28 Mar 2023 16:30
 Operator : JC\MD
 Sample : 02105-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WV-SOIL3-0327

Quant Time: Mar 29 01:16:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

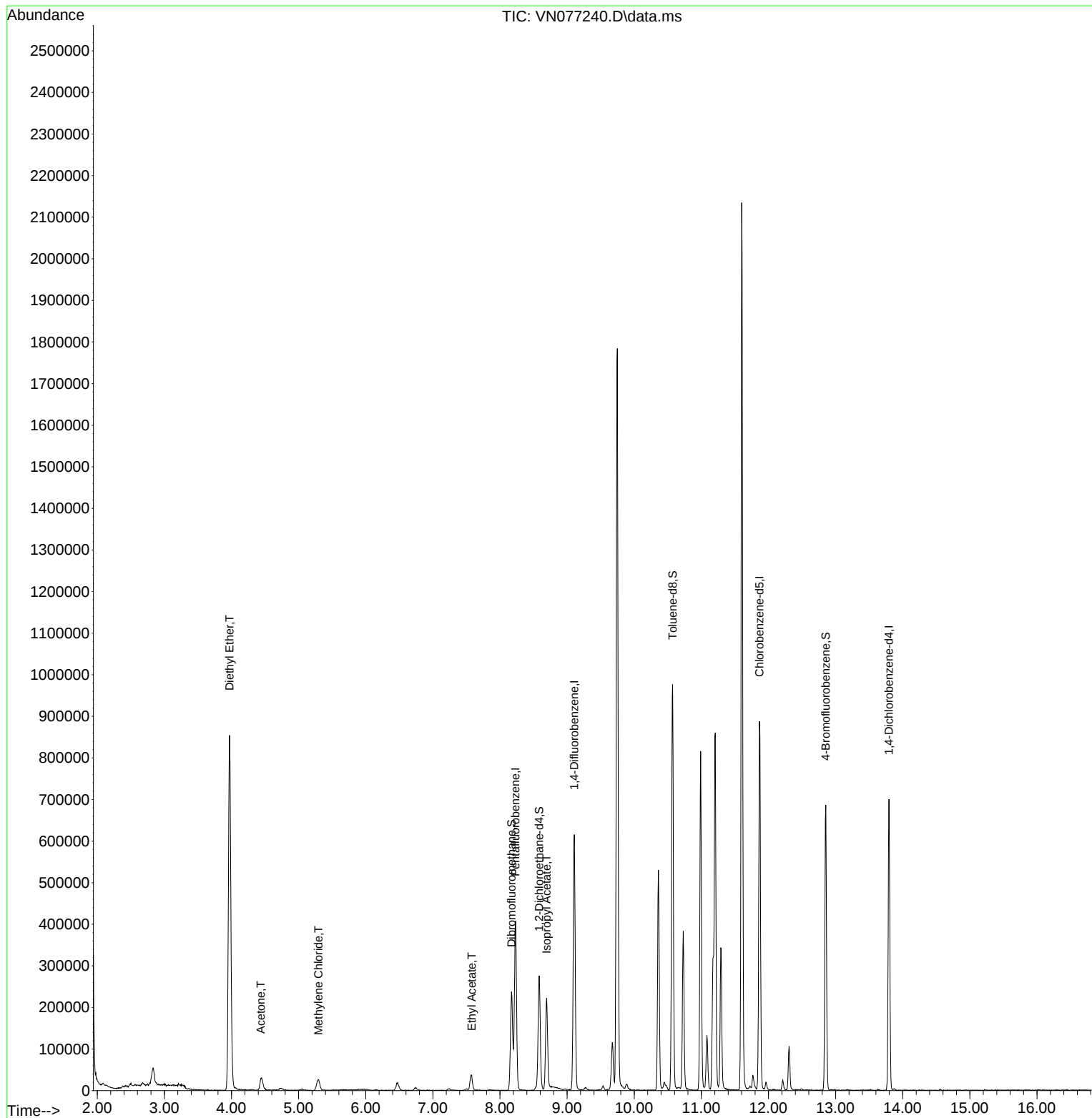
Internal Standards						
1) Pentafluorobenzene	8.230	168	280101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	485623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	456786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	169374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	216910	49.528	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.060%
35) Dibromofluoromethane	8.172	113	157171	47.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.400%
50) Toluene-d8	10.572	98	642402	52.028	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.060%
62) 4-Bromofluorobenzene	12.854	95	210588	51.968	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.940%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.972	74	482974	206.685	ug/l	60
16) Acetone	4.437	43	59444	36.505	ug/l #	82
20) Methylene Chloride	5.295	84	19332	5.331	ug/l #	66
37) Ethyl Acetate	7.578	43	59632	11.665	ug/l #	89
43) Isopropyl Acetate	8.695	43	251508	30.497	ug/l #	76

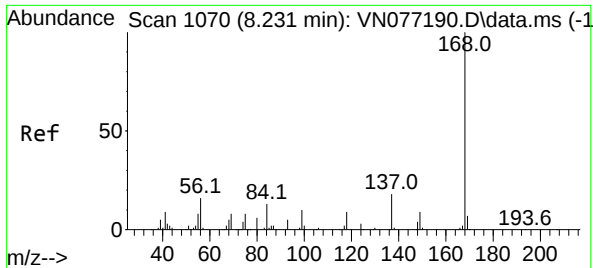
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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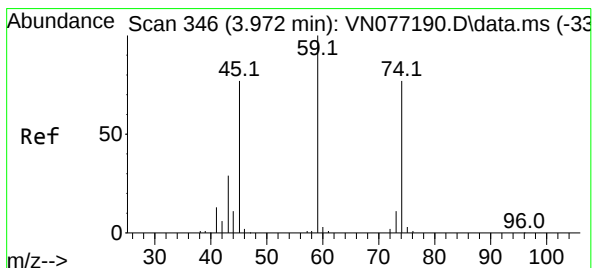
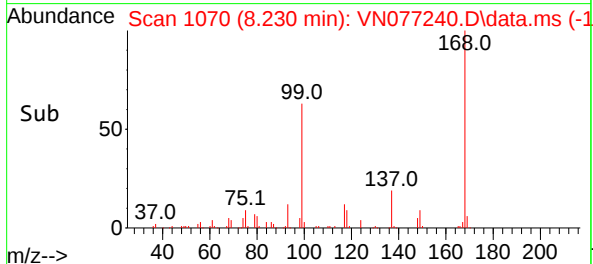
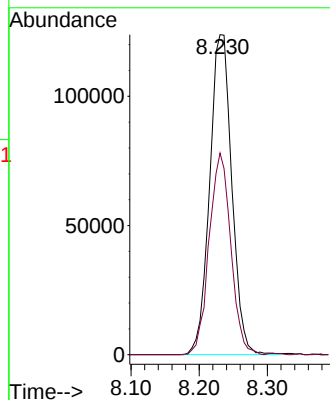
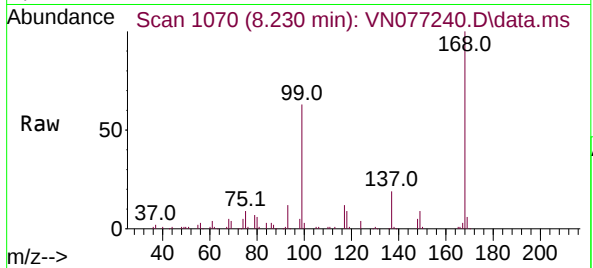




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN077240.D
Acq: 28 Mar 2023 16:30

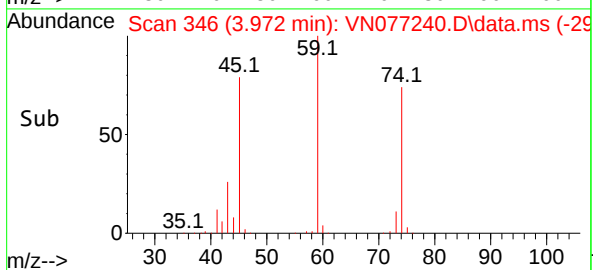
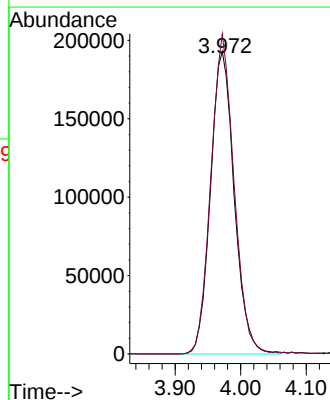
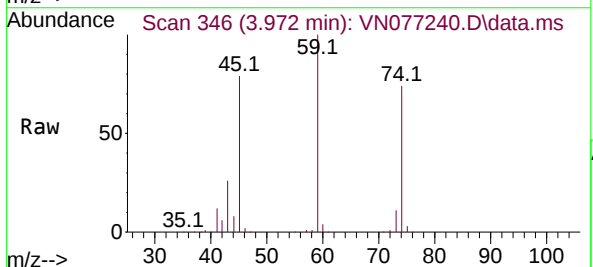
Instrument :
MSVOA_N
ClientSampleId :
WV-SOIL3-0327

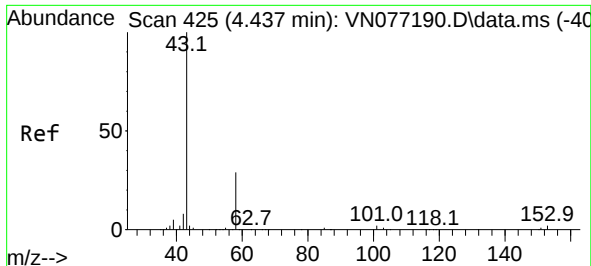
Tgt Ion:168 Resp: 280101
Ion Ratio Lower Upper
168 100
99 63.0 48.6 73.0



#8
Diethyl Ether
Concen: 206.685 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077240.D
Acq: 28 Mar 2023 16:30

Tgt Ion: 74 Resp: 482974
Ion Ratio Lower Upper
74 100
45 103.8 35.5 106.5

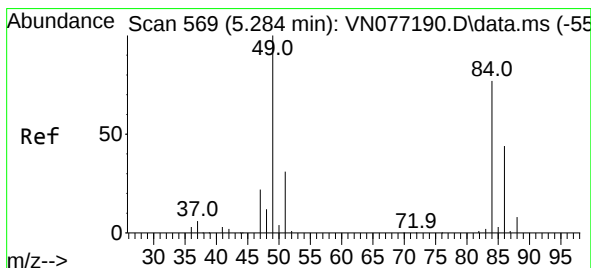
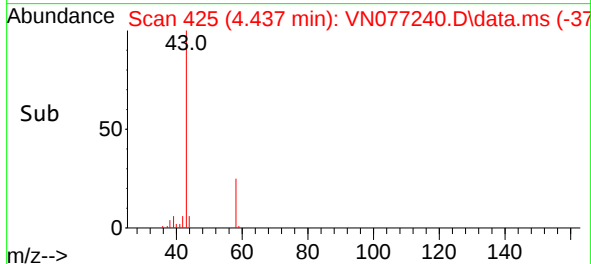
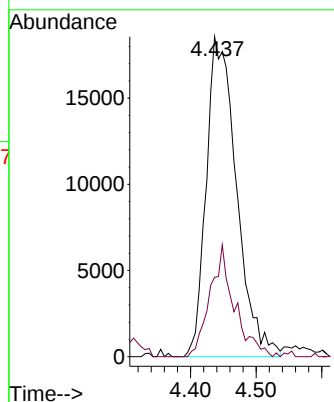
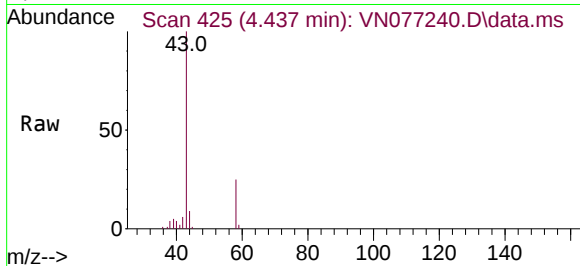




#16
Acetone
Concen: 36.505 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077240.D
Acq: 28 Mar 2023 16:30

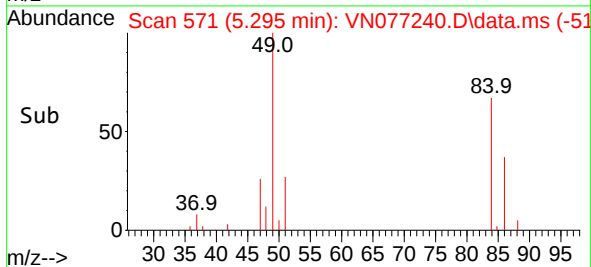
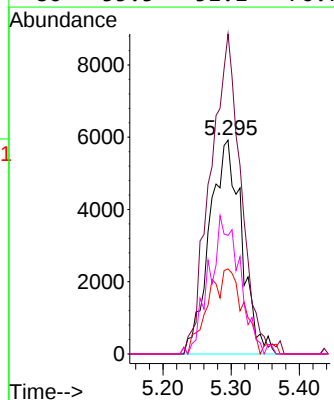
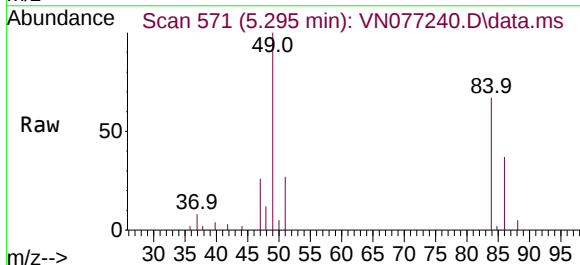
Instrument :
MSVOA_N
ClientSampleId :
WV-SOIL3-0327

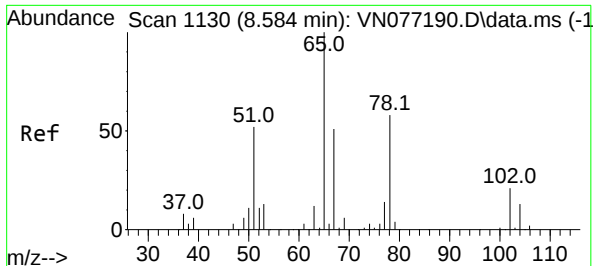
Tgt Ion: 43 Resp: 59444
Ion Ratio Lower Upper
43 100
58 24.8 28.2 42.2#



#20
Methylene Chloride
Concen: 5.331 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.011 min
Lab File: VN077240.D
Acq: 28 Mar 2023 16:30

Tgt Ion: 84 Resp: 19332
Ion Ratio Lower Upper
84 100
49 149.6 76.6 114.8#
51 39.8 25.4 38.2#
86 55.5 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 49.528 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077240.D

Acq: 28 Mar 2023 16:30

Instrument :

MSVOA_N

ClientSampleId :

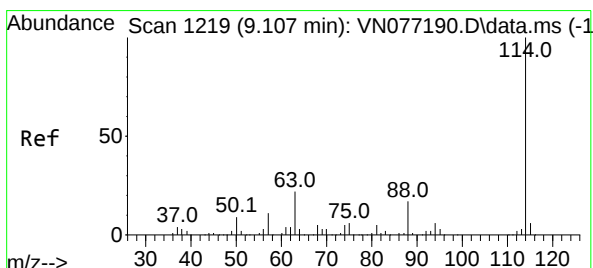
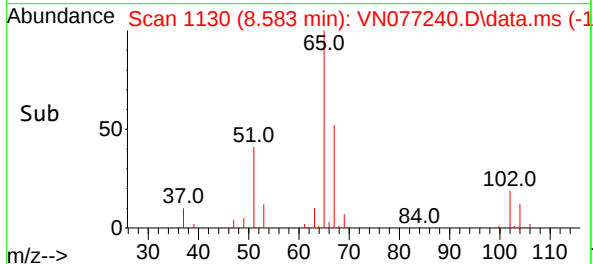
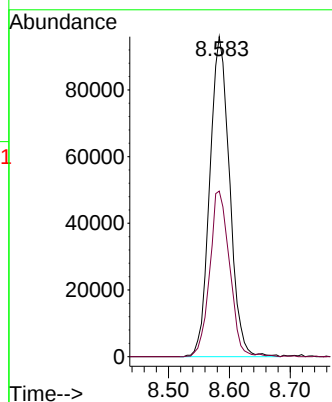
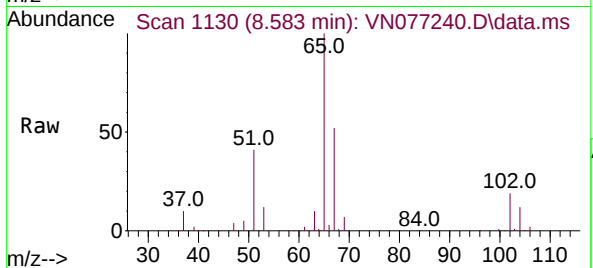
WV-SOIL3-0327

Tgt Ion: 65 Resp: 216910

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077240.D

Acq: 28 Mar 2023 16:30

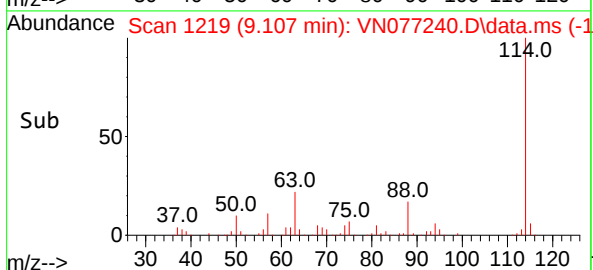
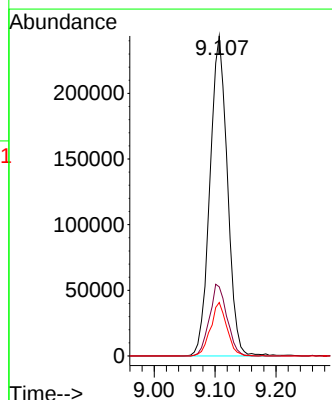
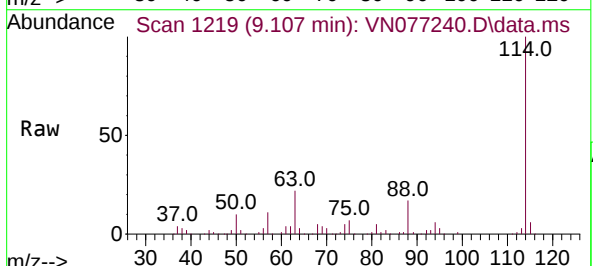
Tgt Ion: 114 Resp: 485623

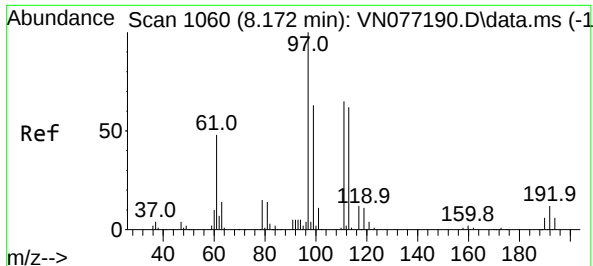
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.6

88 16.7 0.0 28.6





#35

Dibromofluoromethane

Concen: 47.697 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077240.D

Acq: 28 Mar 2023 16:30

Instrument :

MSVOA_N

ClientSampleId :

WV-SOIL3-0327

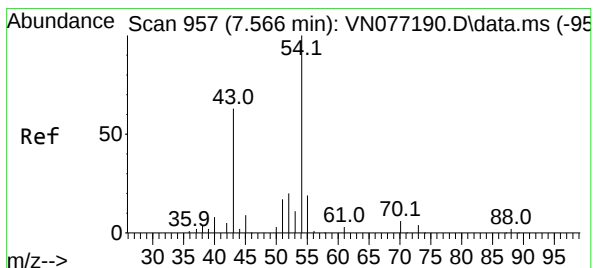
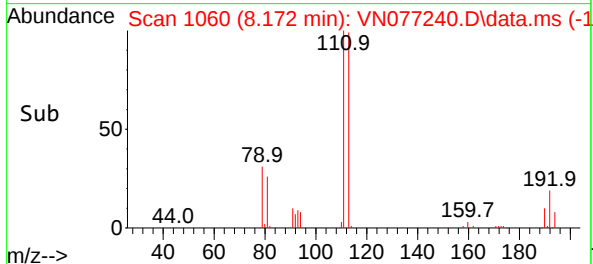
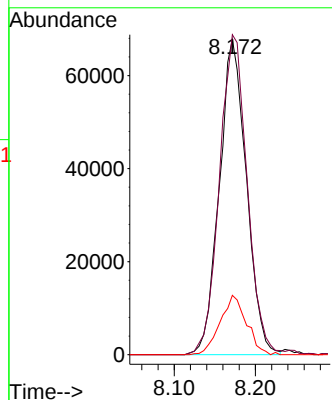
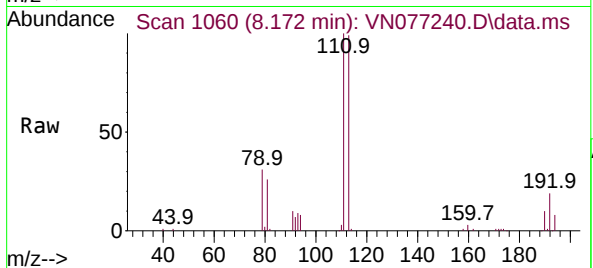
Tgt Ion:113 Resp: 157171

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.8

192 18.3 13.9 20.9



#37

Ethyl Acetate

Concen: 11.665 ug/l

RT: 7.578 min Scan# 959

Delta R.T. 0.012 min

Lab File: VN077240.D

Acq: 28 Mar 2023 16:30

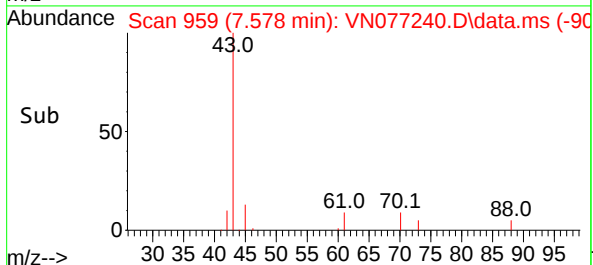
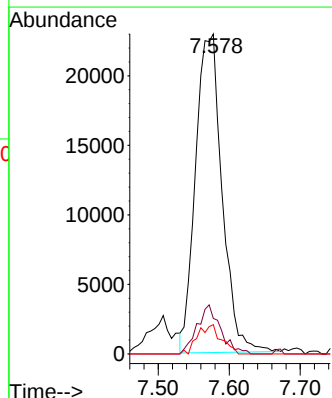
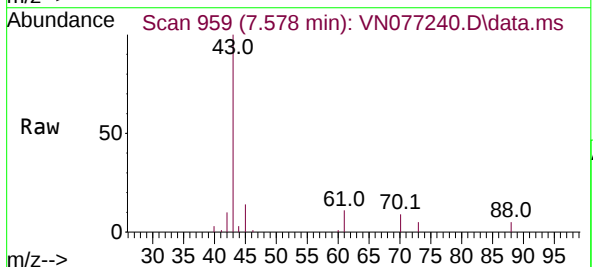
Tgt Ion: 43 Resp: 59632

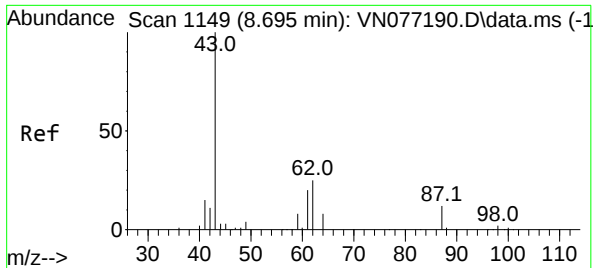
Ion Ratio Lower Upper

43 100

61 13.6 13.5 20.3

70 8.1 11.0 16.6#

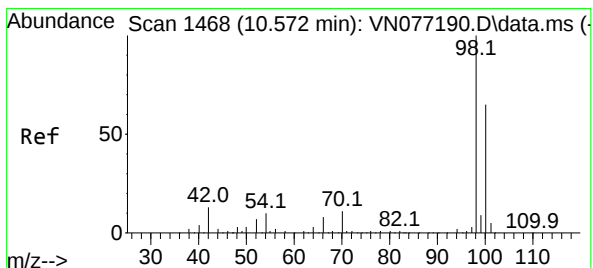
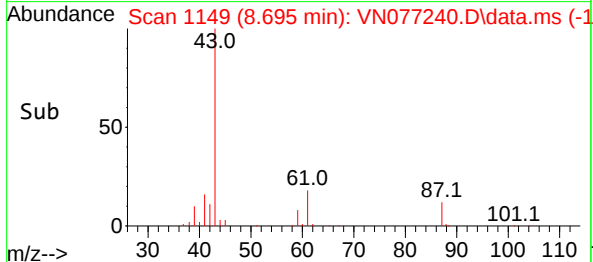
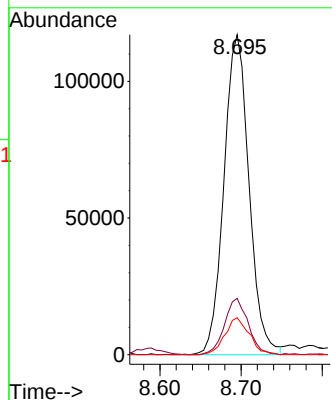
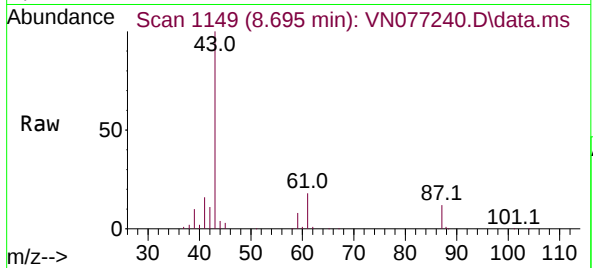




#43
Isopropyl Acetate
Concen: 30.497 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077240.D
Acq: 28 Mar 2023 16:30

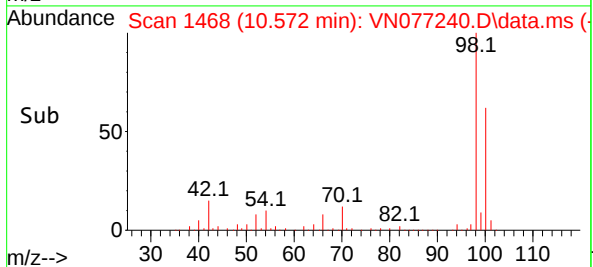
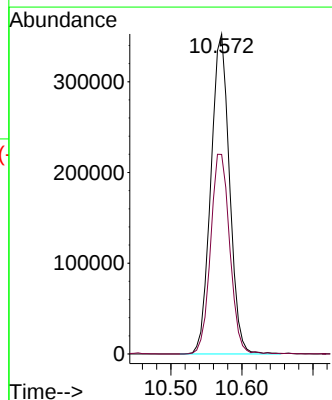
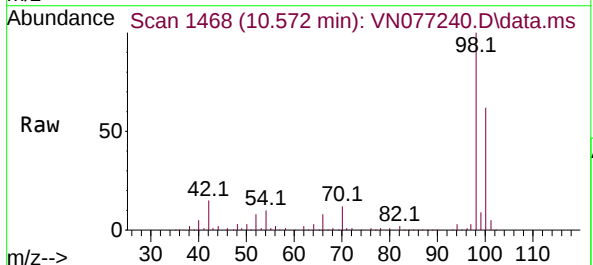
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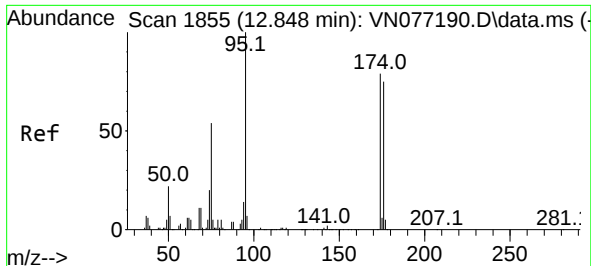
Tgt Ion: 43 Resp: 251508
Ion Ratio Lower Upper
43 100
61 16.6 26.2 39.2#
87 11.2 14.8 22.2#



#50
Toluene-d8
Concen: 52.028 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077240.D
Acq: 28 Mar 2023 16:30

Tgt Ion: 98 Resp: 642402
Ion Ratio Lower Upper
98 100
100 64.2 52.8 79.2

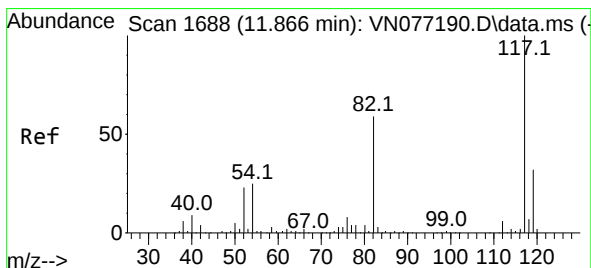
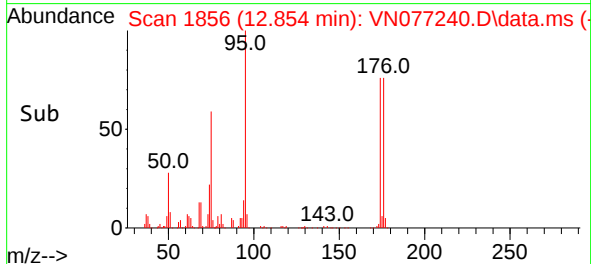
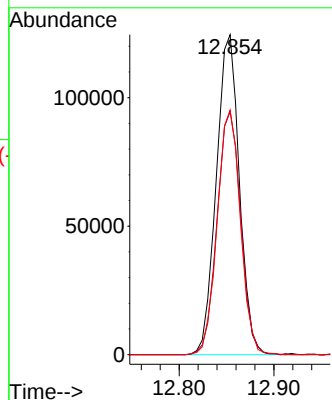
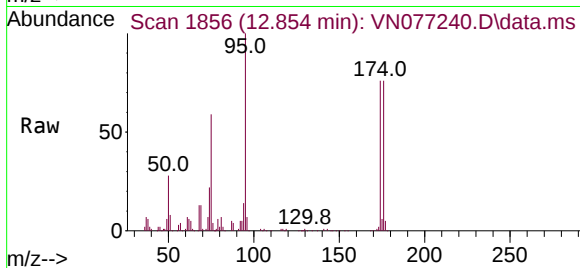




#62
4-Bromofluorobenzene
Concen: 51.968 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077240.D
Acq: 28 Mar 2023 16:30

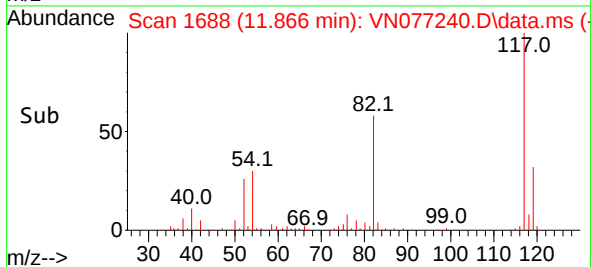
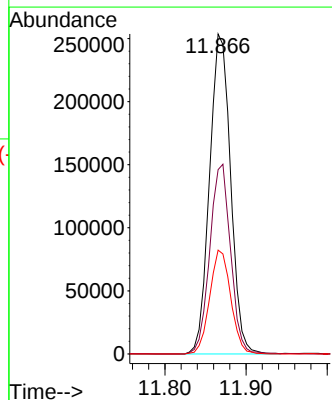
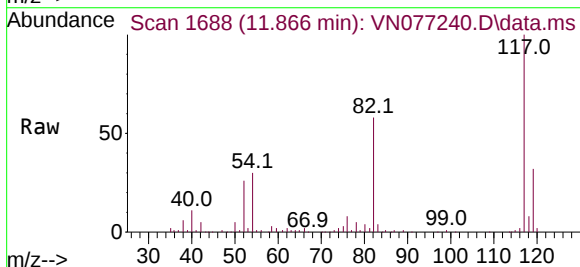
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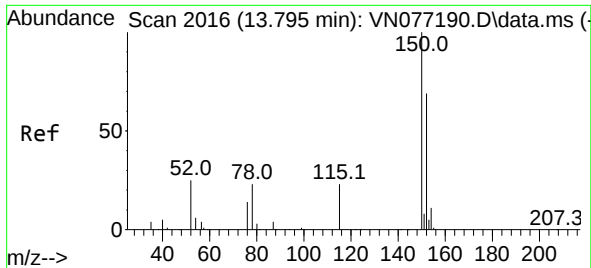
Tgt Ion: 95 Resp: 210588
Ion Ratio Lower Upper
95 100
174 77.9 0.0 162.4
176 76.5 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077240.D
Acq: 28 Mar 2023 16:30

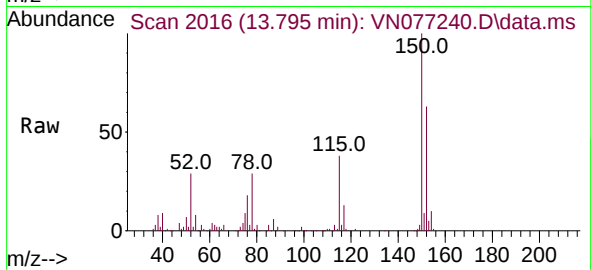
Tgt Ion: 117 Resp: 456786
Ion Ratio Lower Upper
117 100
82 57.6 43.5 65.3
119 32.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077240.D
 Acq: 28 Mar 2023 16:30

Instrument :
 MSVOA_N
 ClientSampleId :
 WV-SOIL3-0327



Tgt Ion:152 Resp: 169374
 Ion Ratio Lower Upper
 152 100
 115 59.7 30.3 90.9
 150 158.3 0.0 353.6

