

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077238.D
 Acq On : 28 Mar 2023 15:42
 Operator : JC\MD
 Sample : 02105-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WV-SOIL1-0327

Quant Time: Mar 29 01:15:37 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)

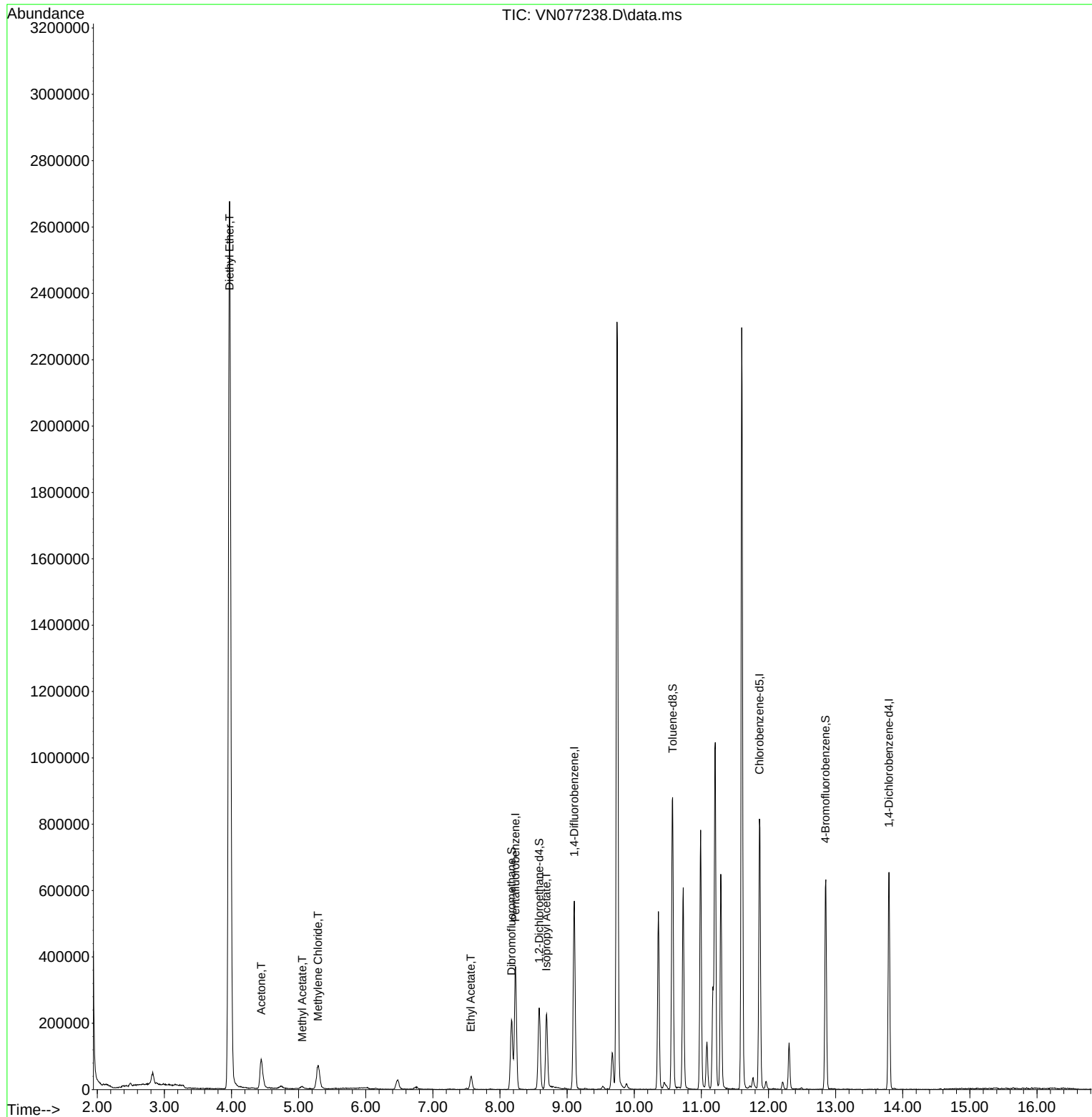
Internal Standards						
1) Pentafluorobenzene	8.231	168	252680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	446418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	431915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	156168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	195789	49.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.120%
35) Dibromofluoromethane	8.172	113	140775	46.473	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	10.572	98	578419	50.960	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.848	95	190806	51.221	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.440%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.972	74	1584232	751.534	ug/l	66
16) Acetone	4.443	43	175014	119.139	ug/l	95
18) Methyl Acetate	5.054	43	17075	2.905	ug/l #	67
20) Methylene Chloride	5.290	84	59601	18.220	ug/l #	78
37) Ethyl Acetate	7.566	43	60957	12.972	ug/l #	88
43) Isopropyl Acetate	8.689	43	266288	35.125	ug/l #	75

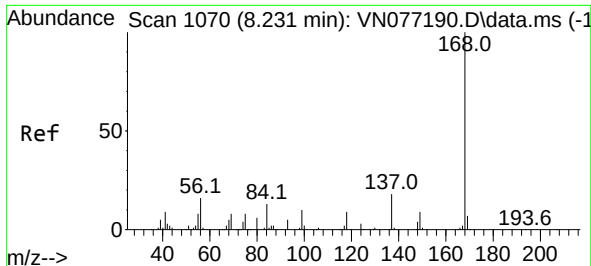
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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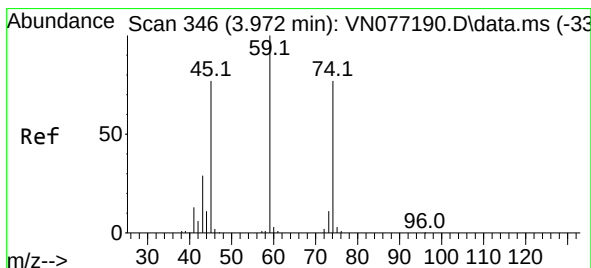
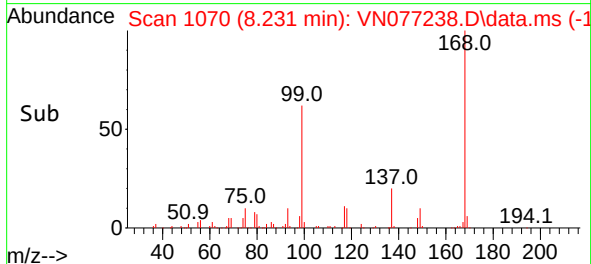
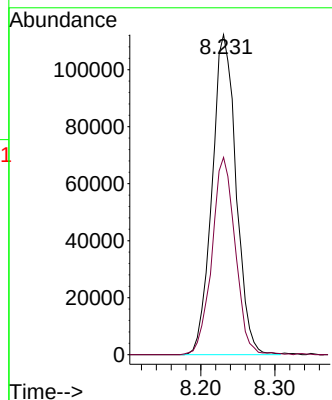
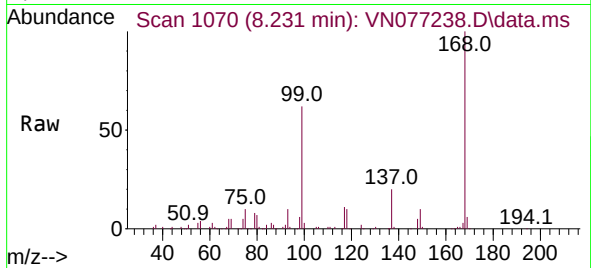




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077238.D
Acq: 28 Mar 2023 15:42

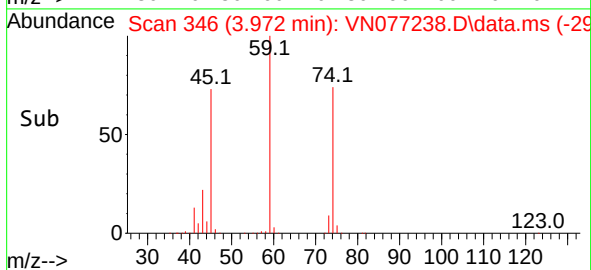
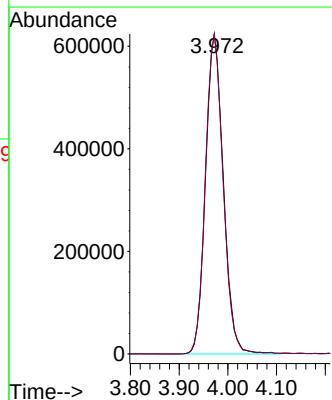
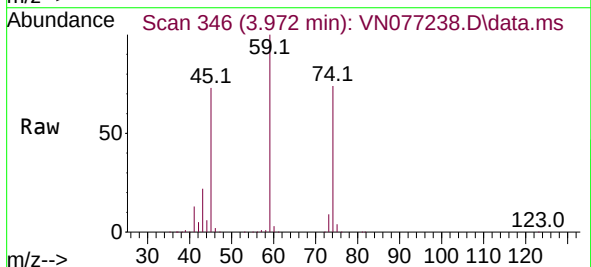
Instrument :
MSVOA_N
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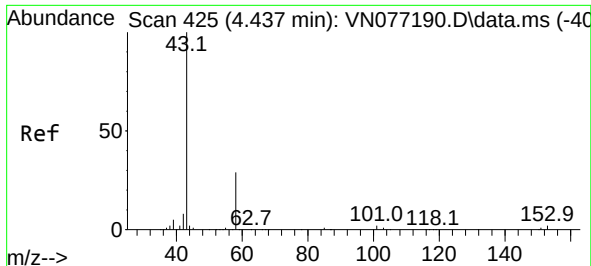
Tgt Ion:168 Resp: 252680
Ion Ratio Lower Upper
168 100
99 61.7 48.6 73.0



#8
Diethyl Ether
Concen: 751.534 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077238.D
Acq: 28 Mar 2023 15:42

Tgt Ion: 74 Resp: 1584232
Ion Ratio Lower Upper
74 100
45 99.4 35.5 106.5

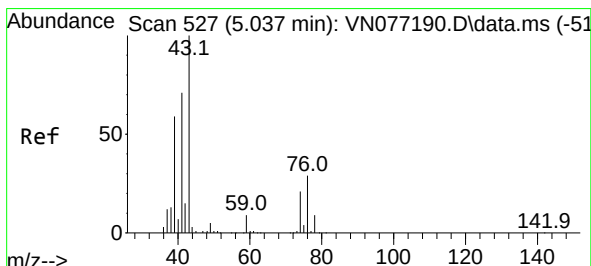
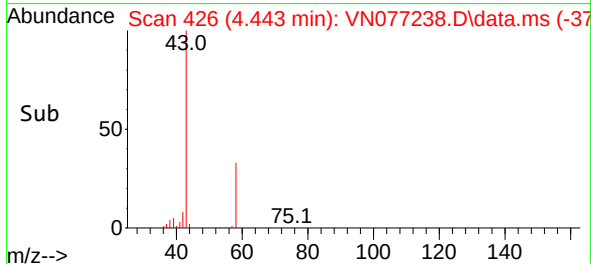
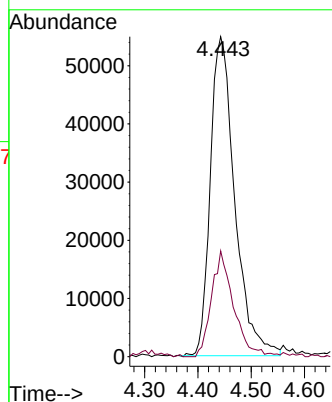
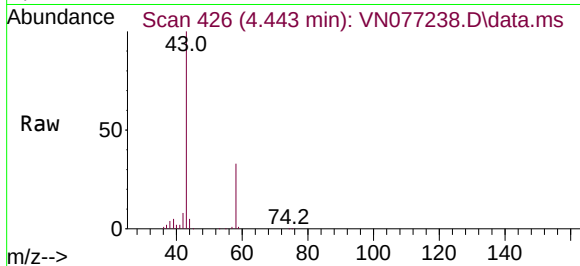




#16
Acetone
Concen: 119.139 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077238.D
Acq: 28 Mar 2023 15:42

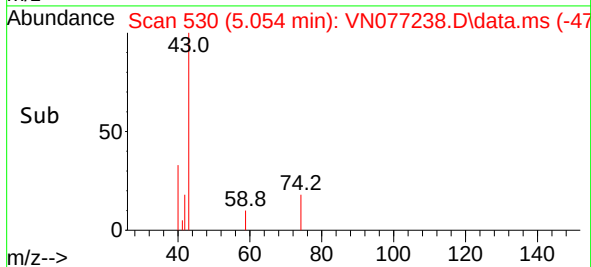
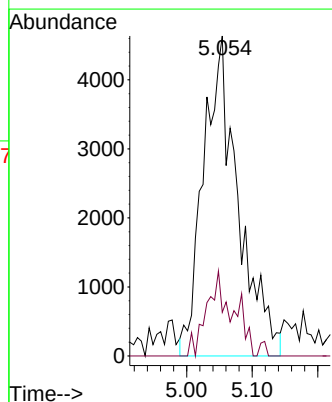
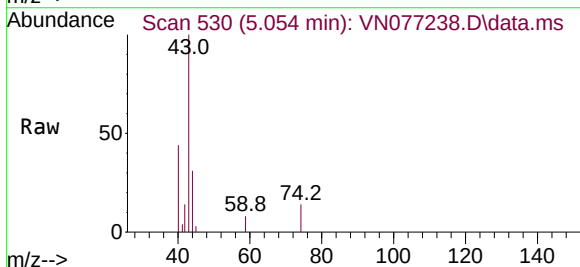
Instrument :
MSVOA_N
ClientSampleId :
WV-SOIL1-0327

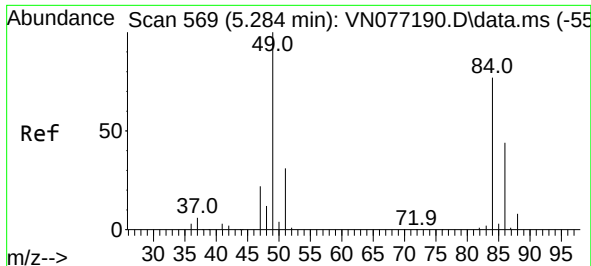
Tgt Ion: 43 Resp: 175014
Ion Ratio Lower Upper
43 100
58 32.6 28.2 42.2



#18
Methyl Acetate
Concen: 2.905 ug/l
RT: 5.054 min Scan# 530
Delta R.T. 0.017 min
Lab File: VN077238.D
Acq: 28 Mar 2023 15:42

Tgt Ion: 43 Resp: 17075
Ion Ratio Lower Upper
43 100
74 14.1 25.9 38.9#

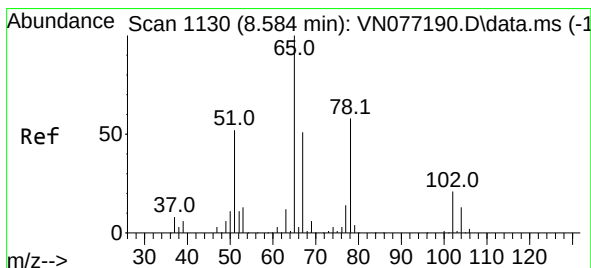
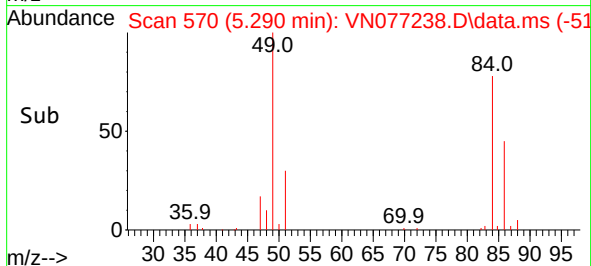
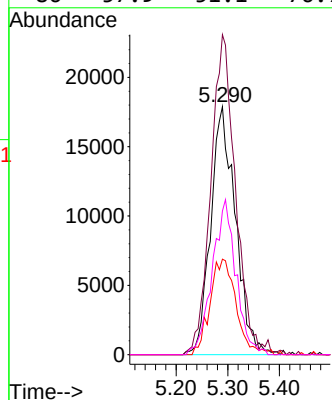
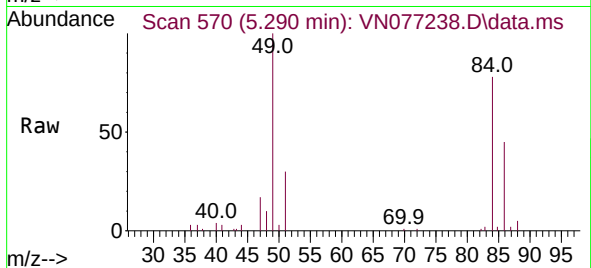




#20
Methylene Chloride
Concen: 18.220 ug/l
RT: 5.290 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077238.D
Acq: 28 Mar 2023 15:42

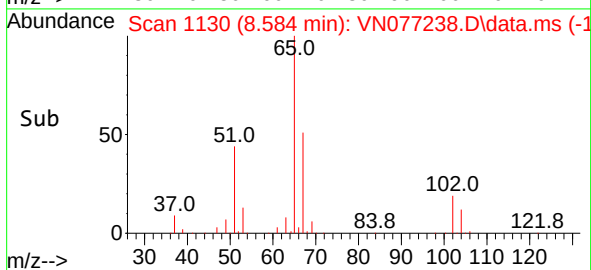
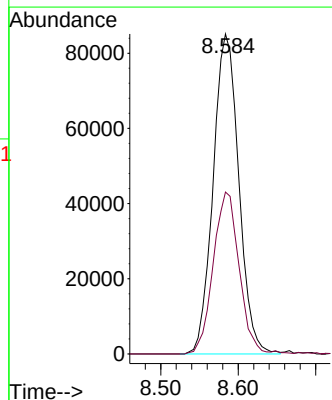
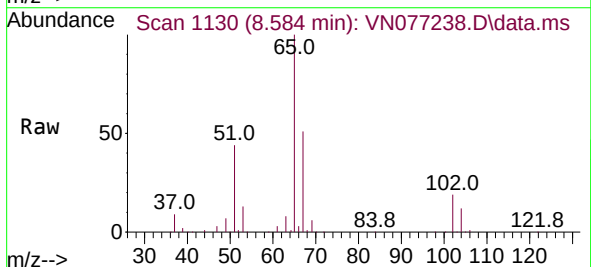
Instrument :
MSVOA_N
ClientSampleId :
WV-SOIL1-0327

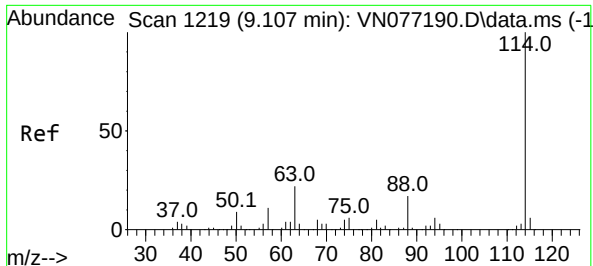
Tgt Ion:	84	Resp:	59601
Ion	Ratio	Lower	Upper
84	100		
49	129.0	76.6	114.8#
51	38.5	25.4	38.2#
86	57.9	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 49.557 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077238.D
Acq: 28 Mar 2023 15:42

Tgt Ion:	65	Resp:	195789
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	107.2

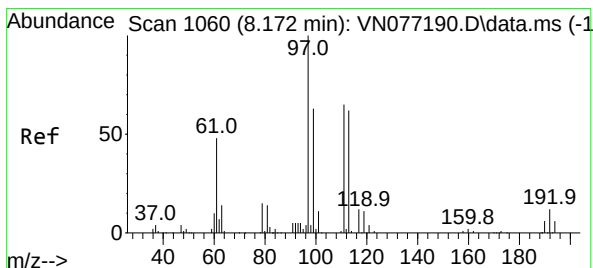
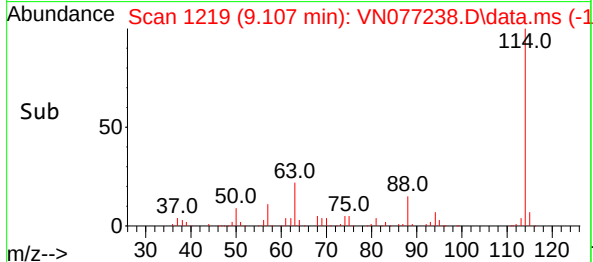
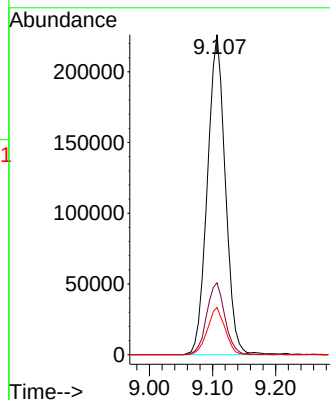
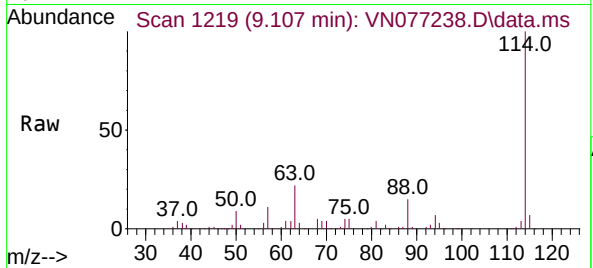




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077238.D
Acq: 28 Mar 2023 15:42

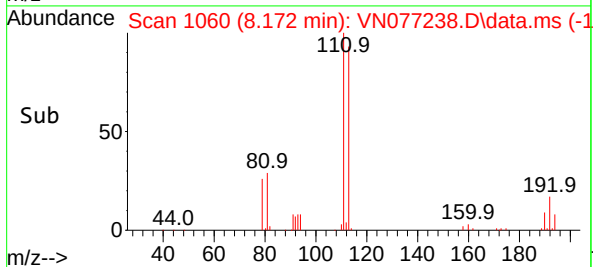
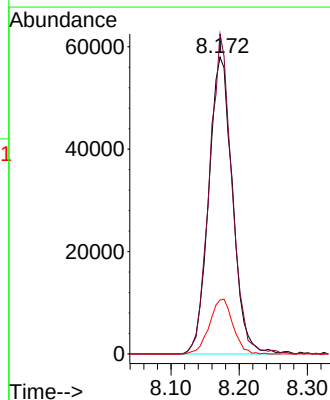
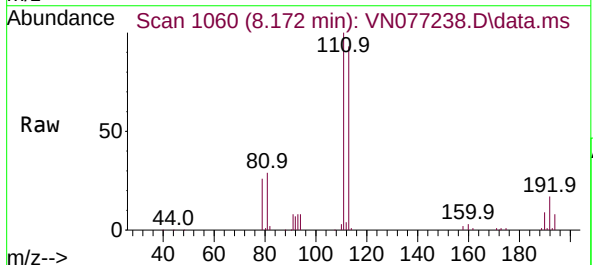
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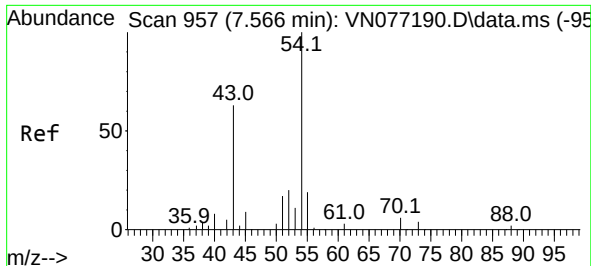
Tgt Ion:114 Resp: 446418
Ion Ratio Lower Upper
114 100
63 22.4 0.0 36.6
88 14.8 0.0 28.6



#35
Dibromofluoromethane
Concen: 46.473 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077238.D
Acq: 28 Mar 2023 15:42

Tgt Ion:113 Resp: 140775
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 18.2 13.9 20.9

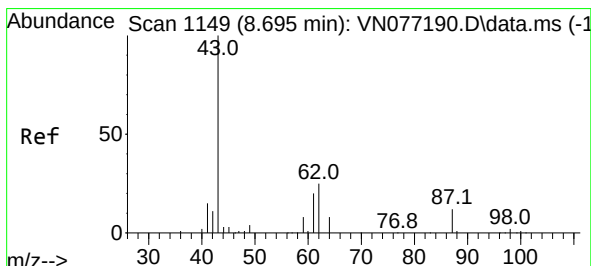
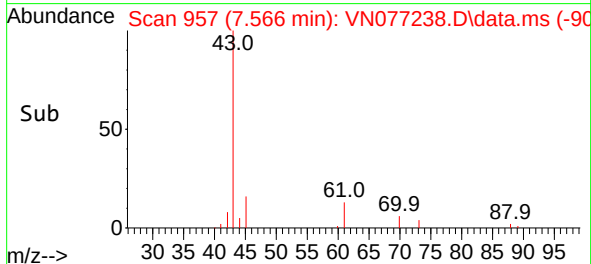
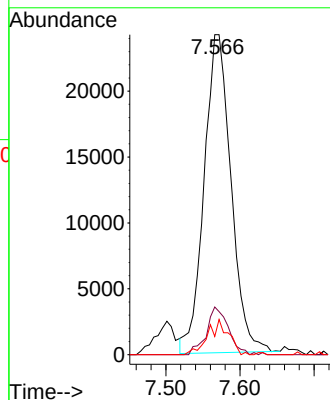
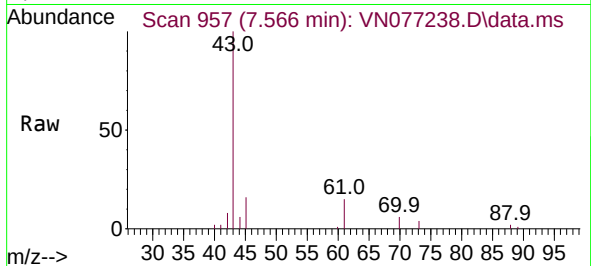




#37
Ethyl Acetate
Concen: 12.972 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077238.D
Acq: 28 Mar 2023 15:42

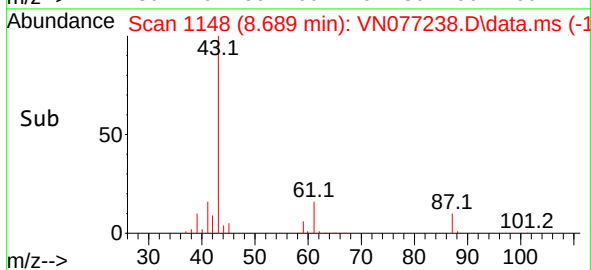
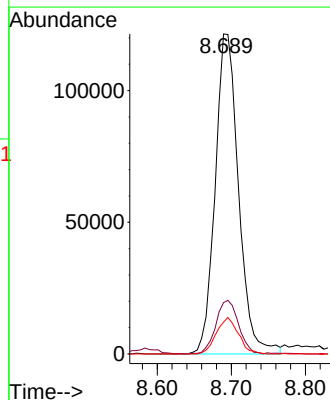
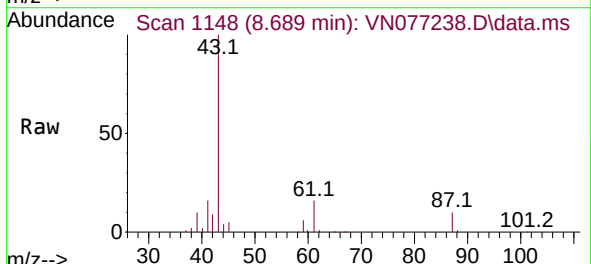
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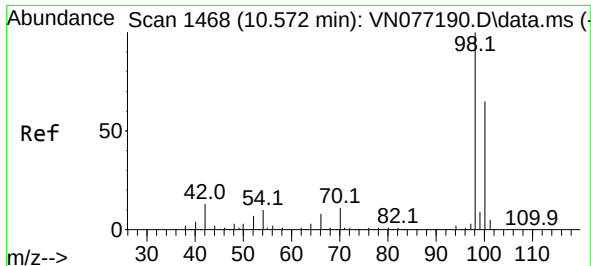
Tgt Ion:	43	Resp:	60957
Ion	Ratio	Lower	Upper
43	100		
61	12.3	13.5	20.3#
70	8.5	11.0	16.6#



#43
Isopropyl Acetate
Concen: 35.125 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077238.D
Acq: 28 Mar 2023 15:42

Tgt Ion:	43	Resp:	266288
Ion	Ratio	Lower	Upper
43	100		
61	16.2	26.2	39.2#
87	10.7	14.8	22.2#

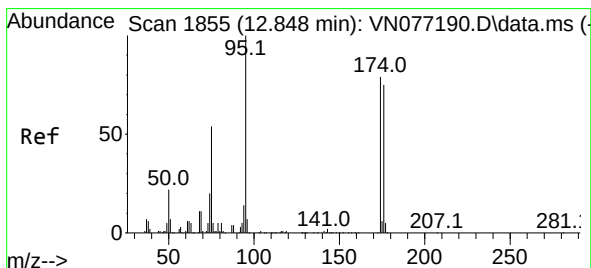
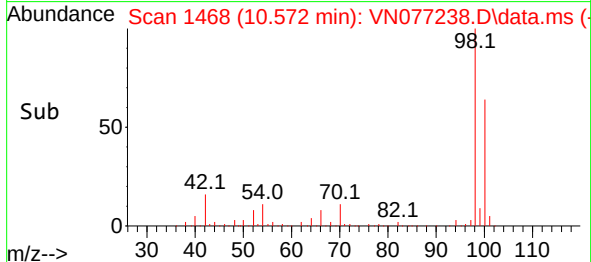
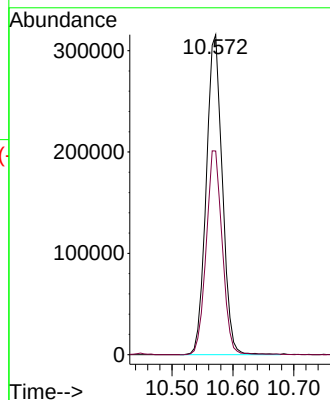
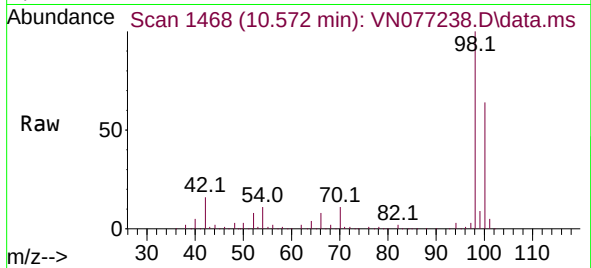




#50
Toluene-d8
Concen: 50.960 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077238.D
Acq: 28 Mar 2023 15:42

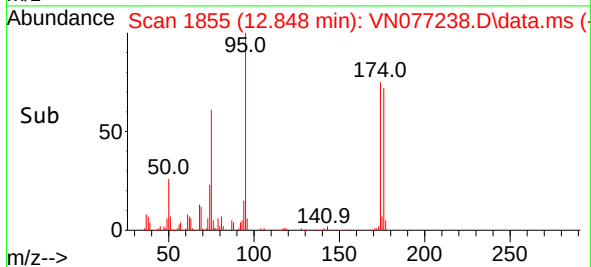
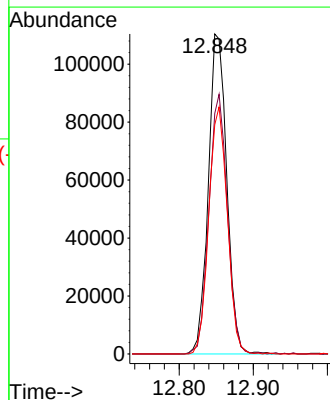
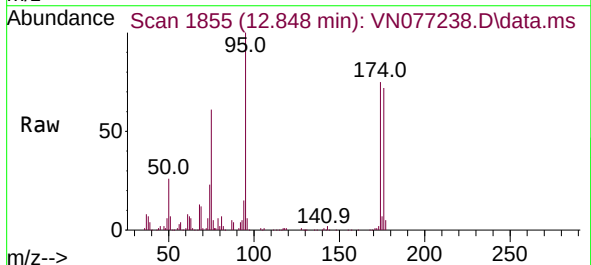
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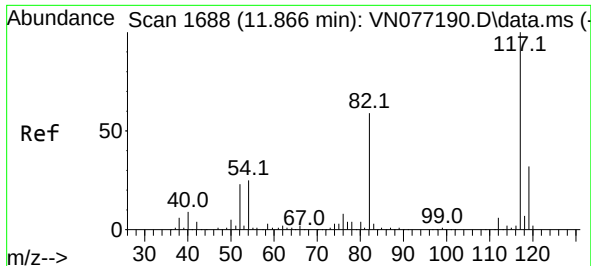
Tgt Ion: 98 Resp: 578419
Ion Ratio Lower Upper
98 100
100 63.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.221 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077238.D
Acq: 28 Mar 2023 15:42

Tgt Ion: 95 Resp: 190806
Ion Ratio Lower Upper
95 100
174 81.1 0.0 162.4
176 77.5 0.0 157.4

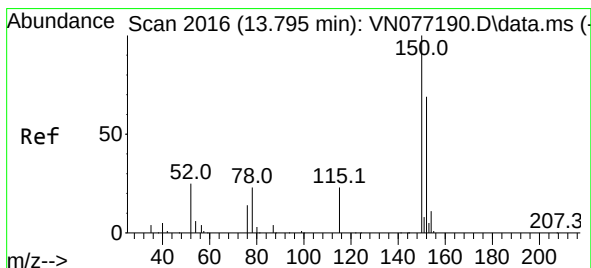
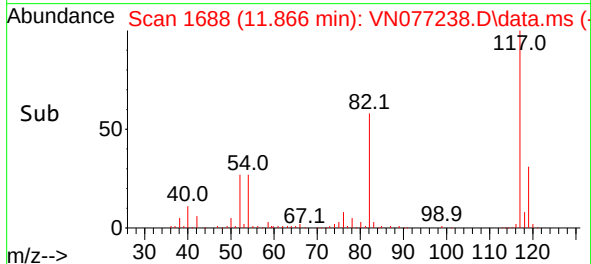
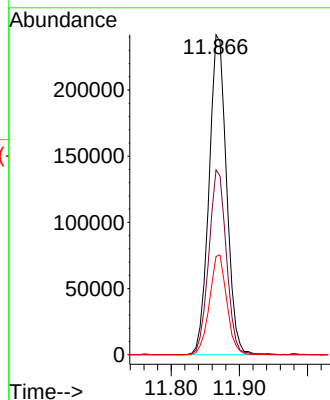
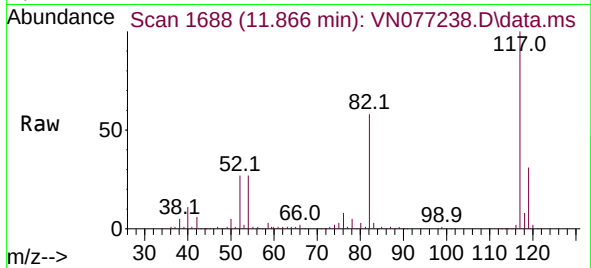




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077238.D
Acq: 28 Mar 2023 15:42

Instrument :
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WV-SOIL1-0327

Tgt Ion:117 Resp: 431915
Ion Ratio Lower Upper
117 100
82 57.7 43.5 65.3
119 30.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077238.D
Acq: 28 Mar 2023 15:42

Tgt Ion:152 Resp: 156168
Ion Ratio Lower Upper
152 100
115 61.3 30.3 90.9
150 157.5 0.0 353.6

