

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079459.D
 Acq On : 06 Oct 2023 19:56
 Operator : JC\MD
 Sample : 04778-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-1

Quant Time: Oct 07 04:02:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

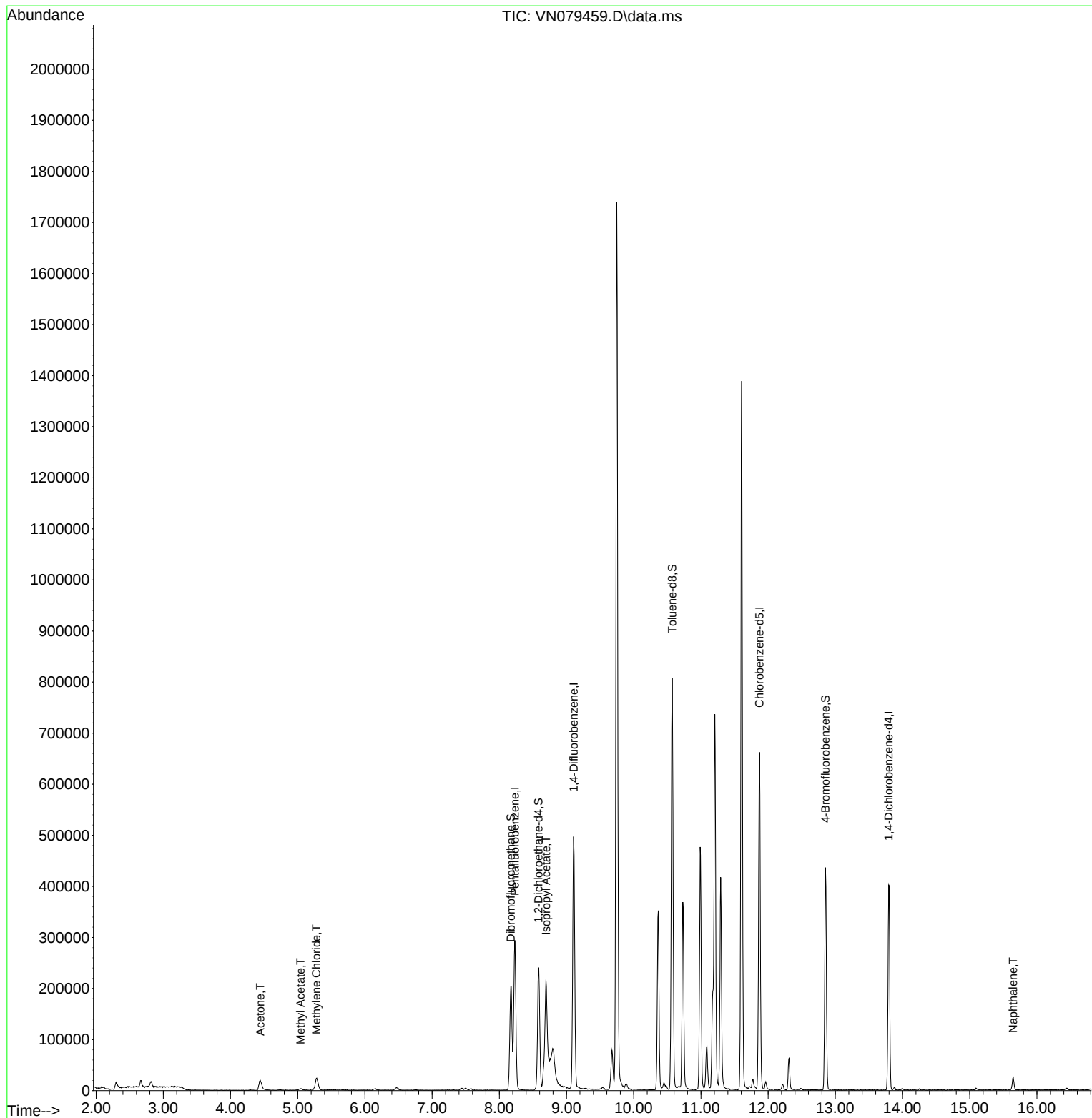
Internal Standards						
1) Pentafluorobenzene	8.230	168	197434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	412742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	371913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	197718	61.763	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 123.520%	
35) Dibromofluoromethane	8.171	113	146678	49.451	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.900%	
50) Toluene-d8	10.571	98	544998	50.781	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.853	95	141411	41.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 82.120%#	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	38466	30.295	ug/l	98
18) Methyl Acetate	5.042	43	7320	1.178	ug/l #	71
20) Methylene Chloride	5.277	84	16519	5.404	ug/l #	84
43) Isopropyl Acetate	8.694	43	282092	36.350	ug/l #	70
95) Naphthalene	15.647	128	20802	5.792	ug/l #	95

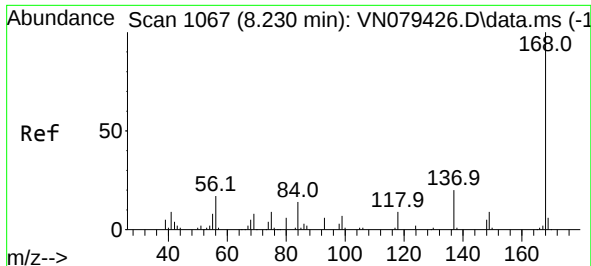
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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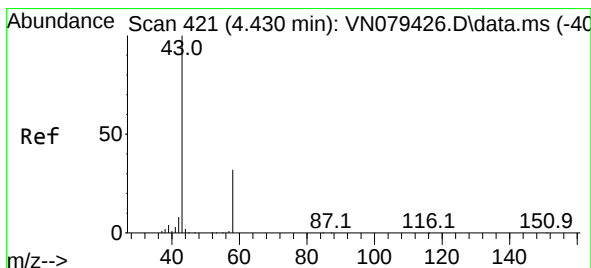
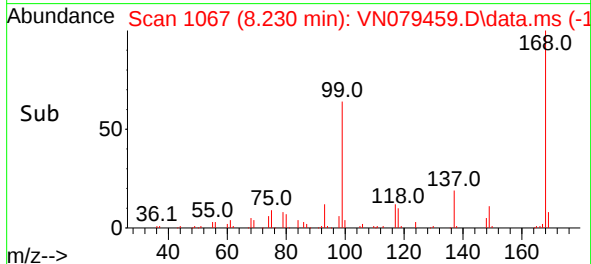
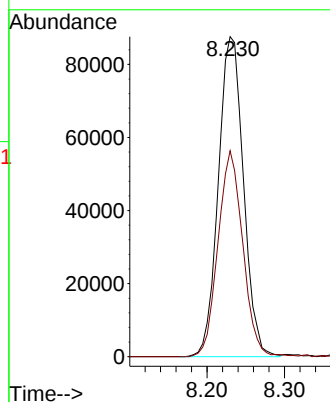
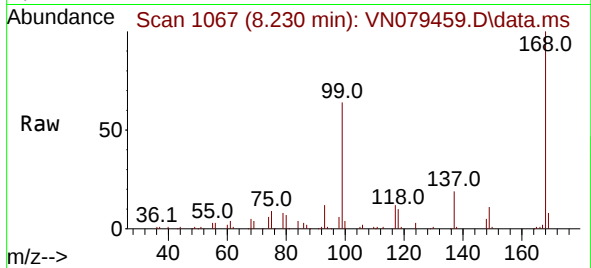




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079459.D
Acq: 06 Oct 2023 19:56

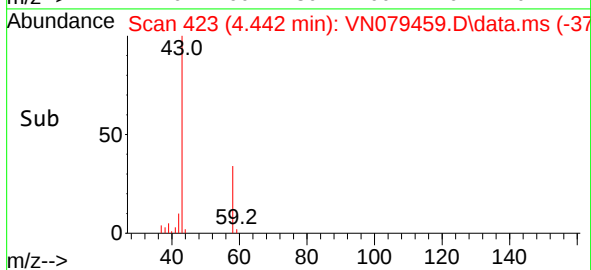
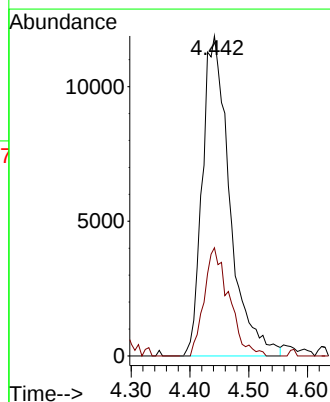
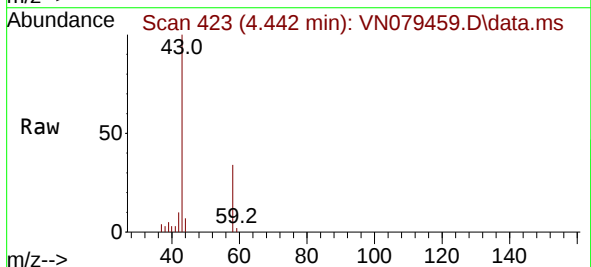
Instrument :
MSVOA_N
ClientSampleId :
SOIL-1

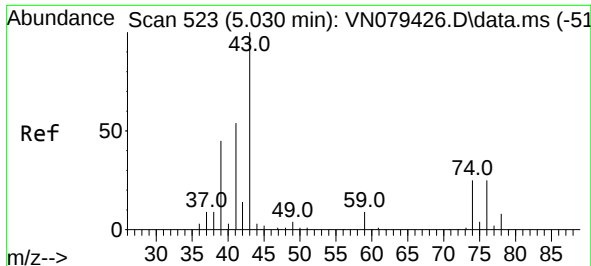
Tgt Ion:168 Resp: 197434
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#16
Acetone
Concen: 30.295 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079459.D
Acq: 06 Oct 2023 19:56

Tgt Ion: 43 Resp: 38466
Ion Ratio Lower Upper
43 100
58 33.8 28.0 42.0

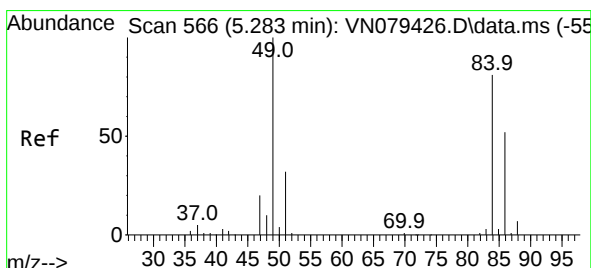
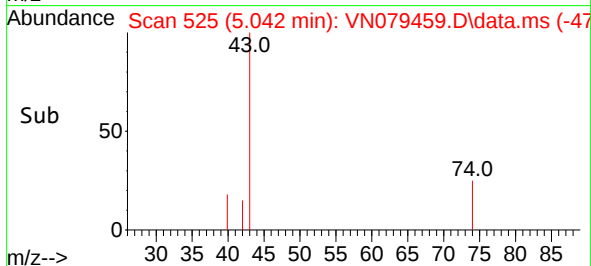
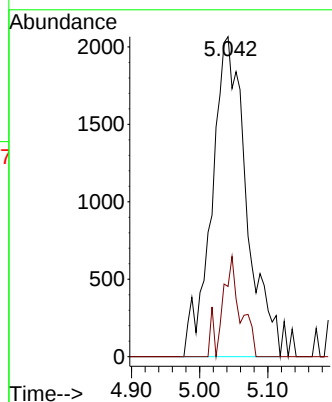
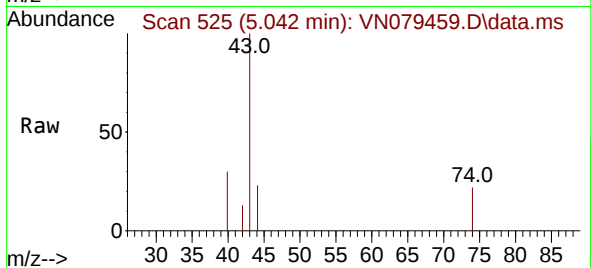




#18
Methyl Acetate
Concen: 1.178 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079459.D
Acq: 06 Oct 2023 19:56

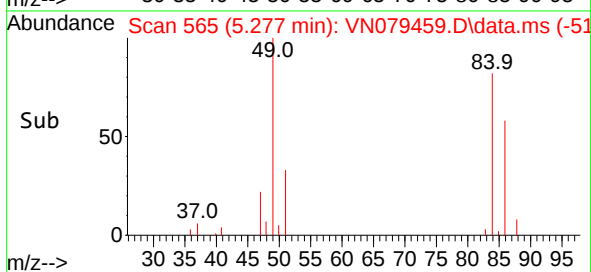
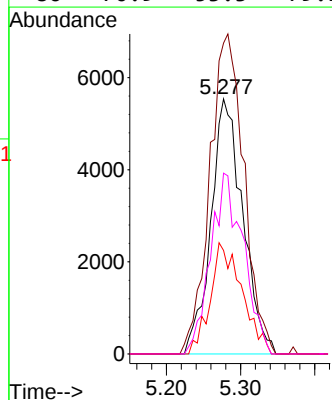
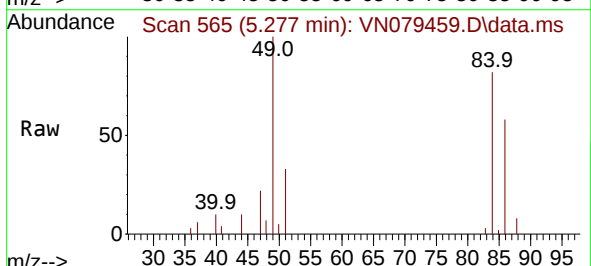
Instrument :
MSVOA_N
ClientSampleId :
SOIL-1

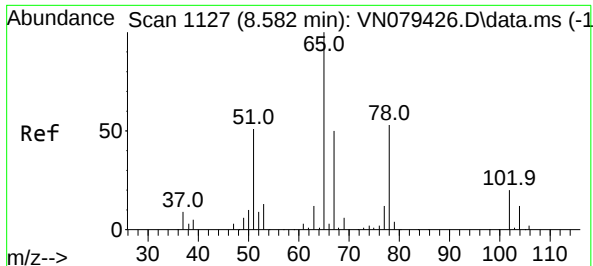
Tgt Ion: 43 Resp: 7320
Ion Ratio Lower Upper
43 100
74 16.5 26.2 39.4#



#20
Methylene Chloride
Concen: 5.404 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079459.D
Acq: 06 Oct 2023 19:56

Tgt Ion: 84 Resp: 16519
Ion Ratio Lower Upper
84 100
49 121.9 79.7 119.5#
51 40.6 25.2 37.8#
86 70.9 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 61.763 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079459.D

Acq: 06 Oct 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

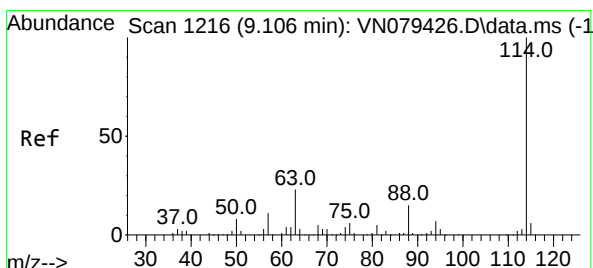
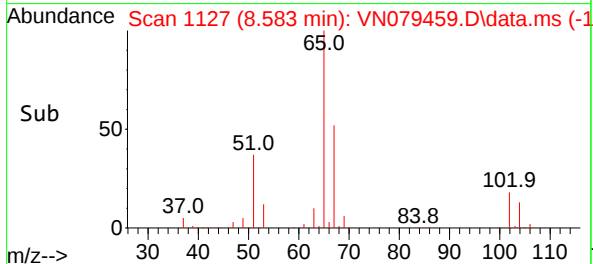
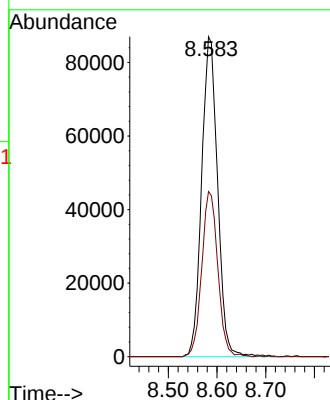
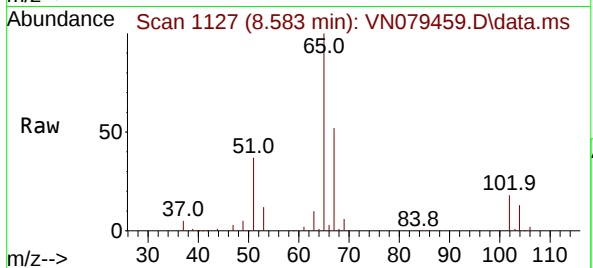
SOIL-1

Tgt Ion: 65 Resp: 197718

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079459.D

Acq: 06 Oct 2023 19:56

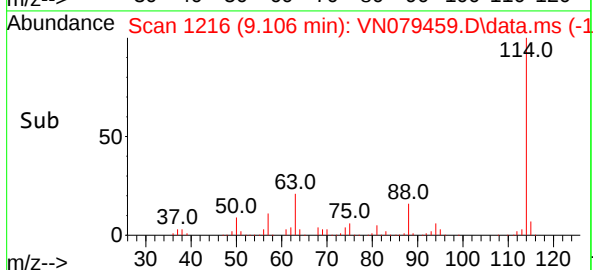
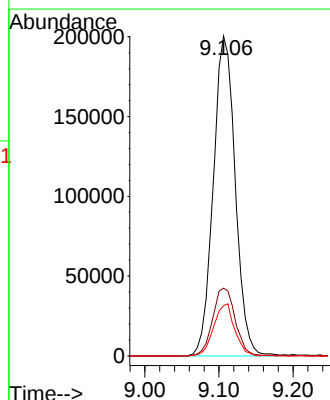
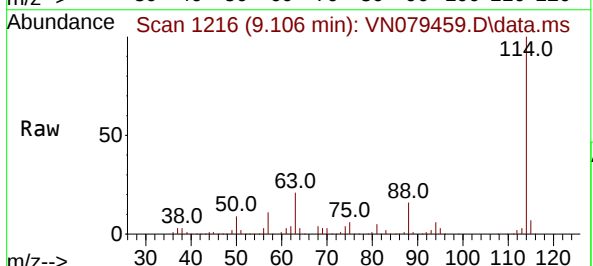
Tgt Ion: 114 Resp: 412742

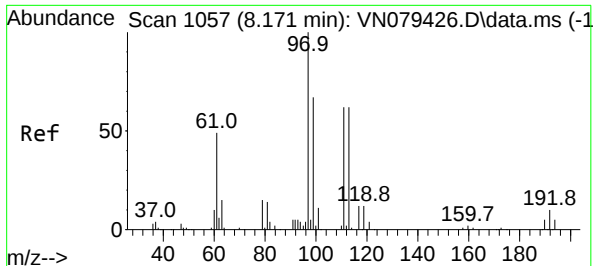
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.451 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079459.D

Acq: 06 Oct 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

SOIL-1

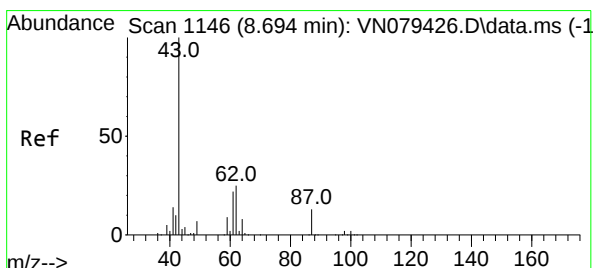
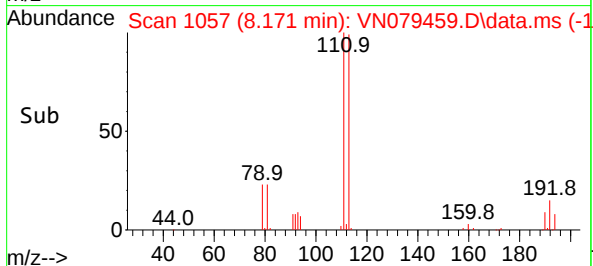
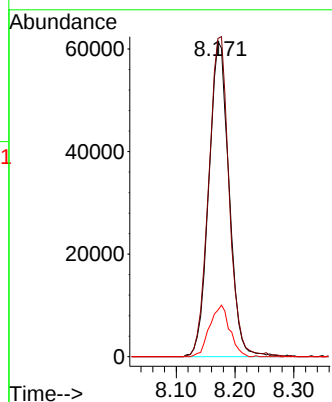
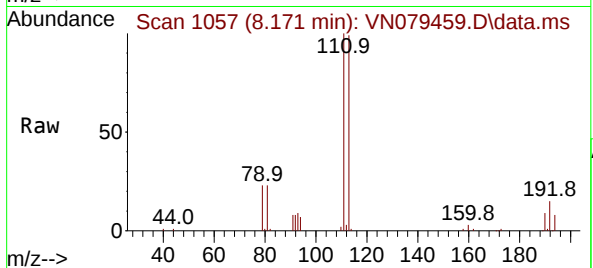
Tgt Ion:113 Resp: 146678

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 16.3 12.7 19.1



#43

Isopropyl Acetate

Concen: 36.350 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079459.D

Acq: 06 Oct 2023 19:56

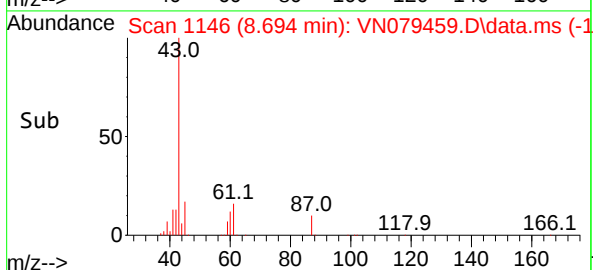
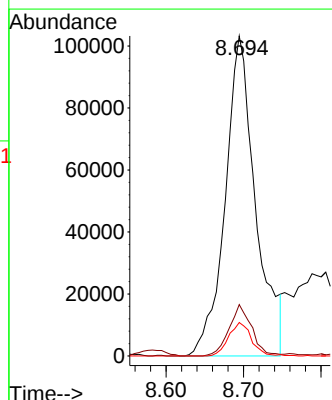
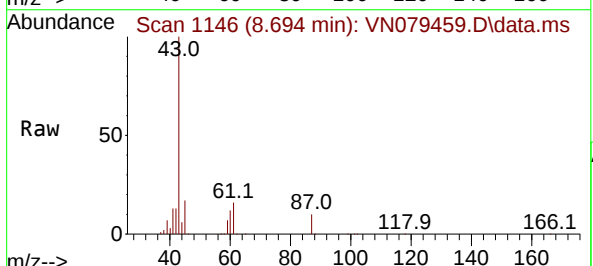
Tgt Ion: 43 Resp: 282092

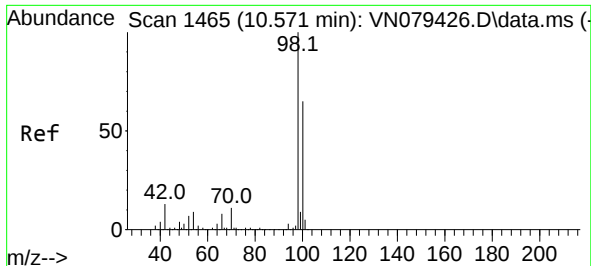
Ion Ratio Lower Upper

43 100

61 12.0 24.7 37.1#

87 7.9 14.6 21.8#

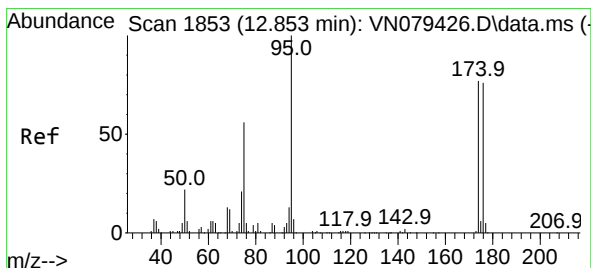
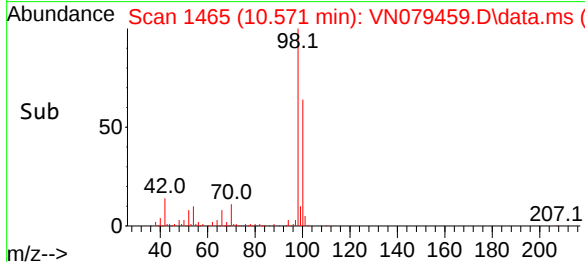
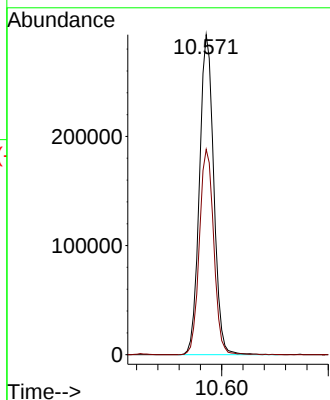
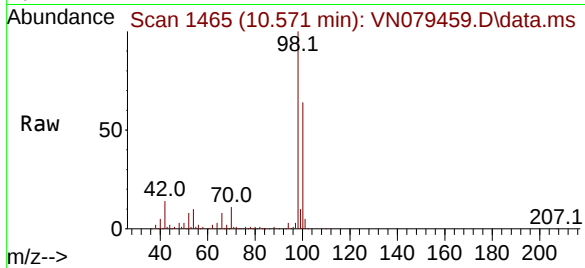




#50
Toluene-d8
Concen: 50.781 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079459.D
Acq: 06 Oct 2023 19:56

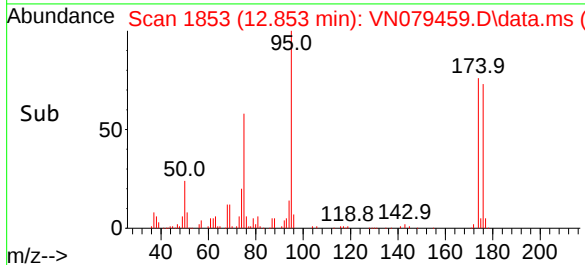
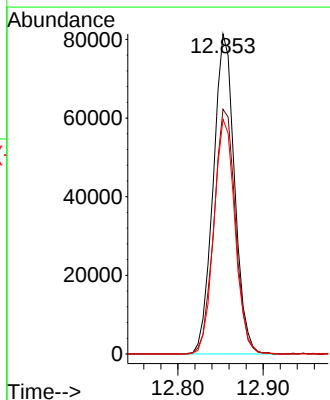
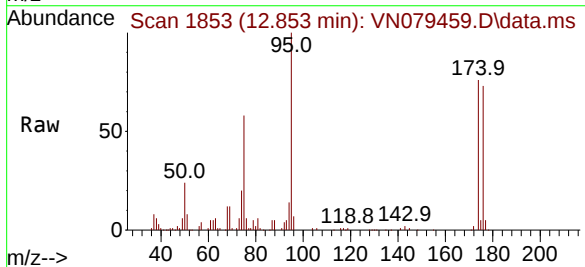
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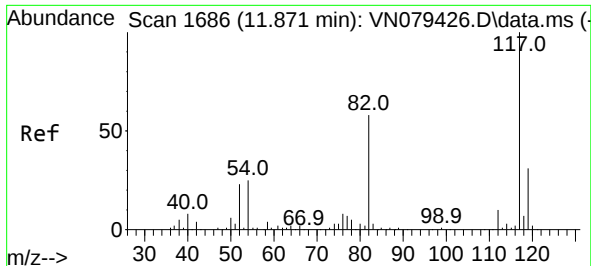
Tgt Ion: 98 Resp: 544998
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.058 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079459.D
Acq: 06 Oct 2023 19:56

Tgt Ion: 95 Resp: 141411
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 73.0 0.0 135.8

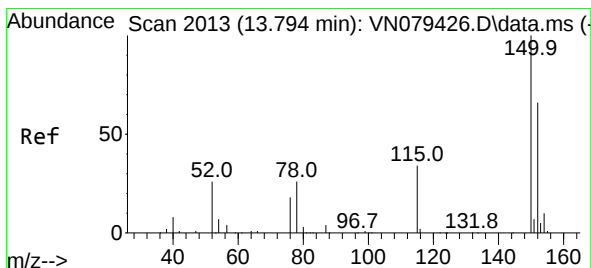
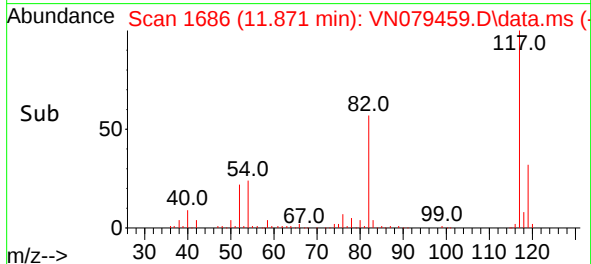
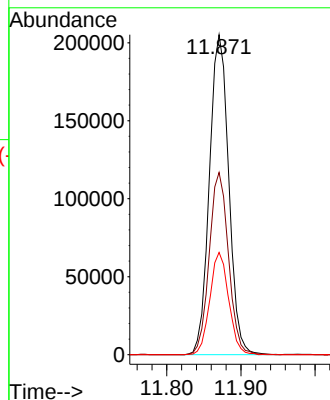
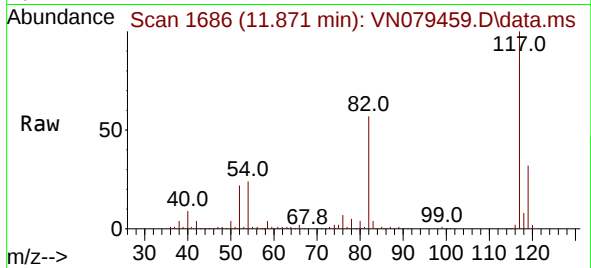




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079459.D
Acq: 06 Oct 2023 19:56

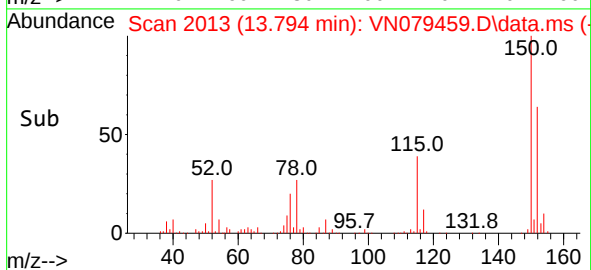
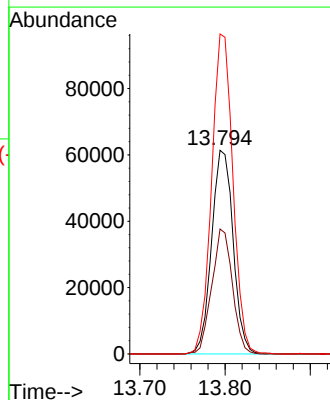
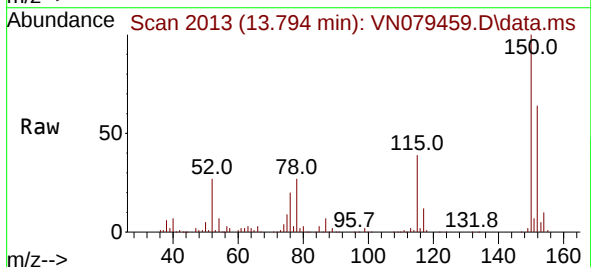
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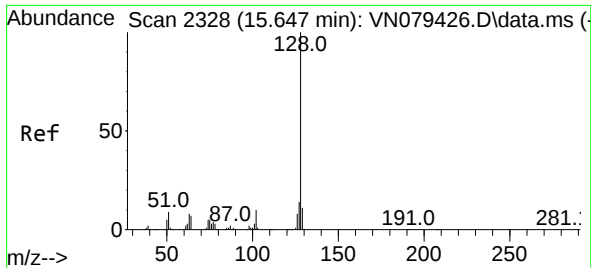
Tgt Ion:117 Resp: 371913
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079459.D
Acq: 06 Oct 2023 19:56

Tgt Ion:152 Resp: 107603
Ion Ratio Lower Upper
152 100
115 58.9 32.3 96.8
150 155.3 0.0 355.8





#95

Naphthalene

Concen: 5.792 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079459.D

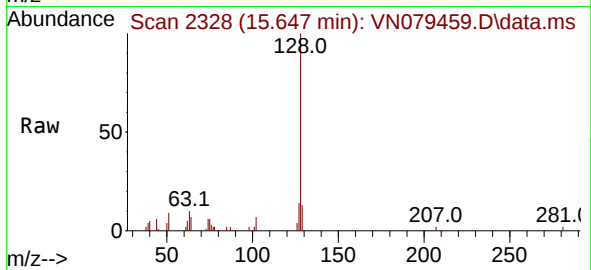
Acq: 06 Oct 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

SOIL-1



Tgt Ion:	128	Resp:	20802
Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.0	15.0#
129	10.9	8.7	13.1

