

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
 Data File : VN079479.D
 Acq On : 09 Oct 2023 18:00
 Operator : JC\MD
 Sample : 04778-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-3

Quant Time: Oct 09 23:18:43 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)

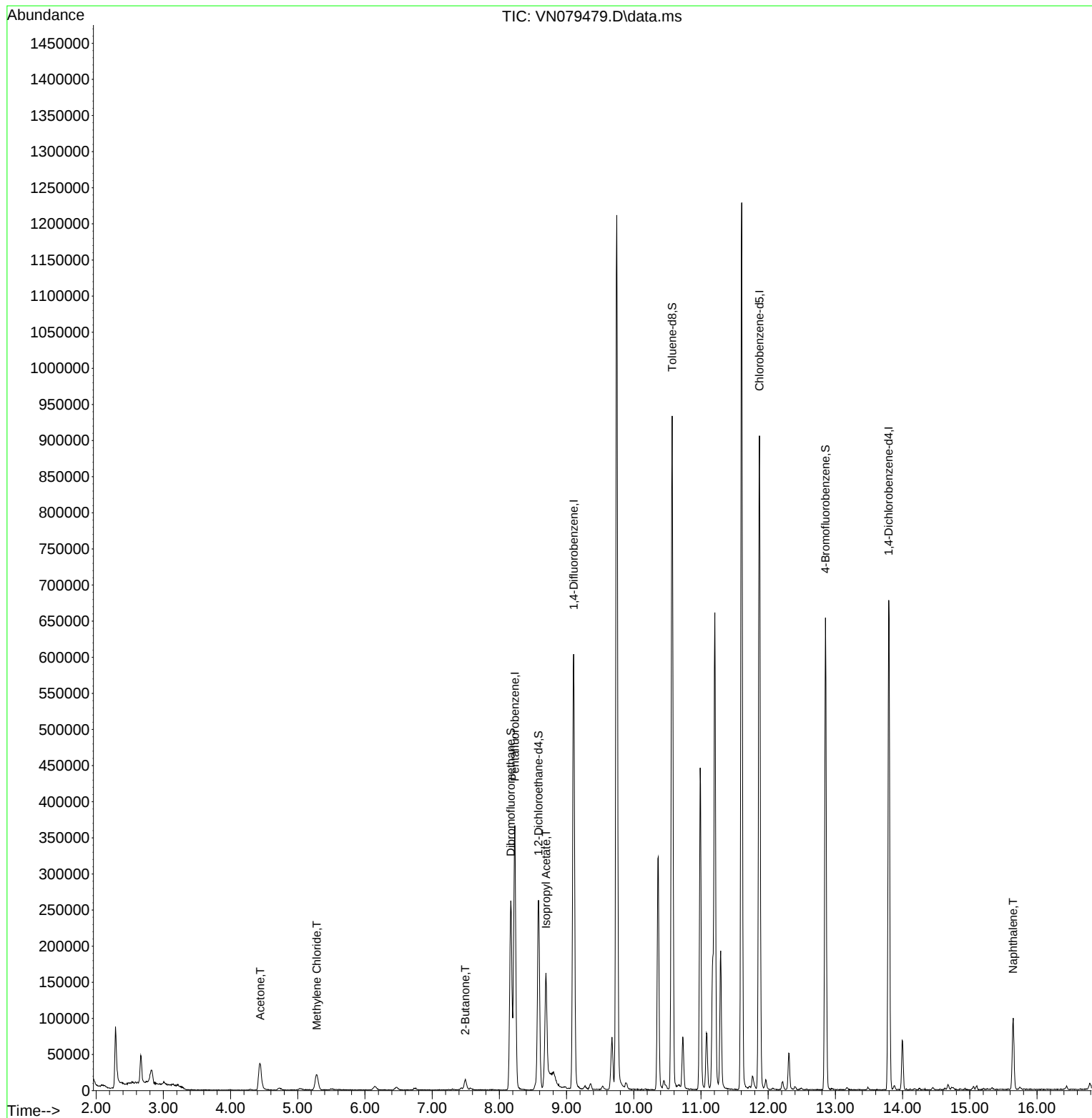
Internal Standards						
1) Pentafluorobenzene	8.229	168	253493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	505272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	512526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	209682	51.015	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	102.040%	
35) Dibromofluoromethane	8.171	113	187688	51.689	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	103.380%	
50) Toluene-d8	10.570	98	628518	47.839	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	95.680%	
62) 4-Bromofluorobenzene	12.853	95	214589	50.895	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	101.780%	
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	73818	45.280	ug/l	91
20) Methylene Chloride	5.282	84	17569	4.372	ug/l #	87
25) 2-Butanone	7.494	43	20005	8.268	ug/l #	80
43) Isopropyl Acetate	8.694	43	192873	20.302	ug/l #	75
95) Naphthalene	15.647	128	86617	14.822	ug/l	98

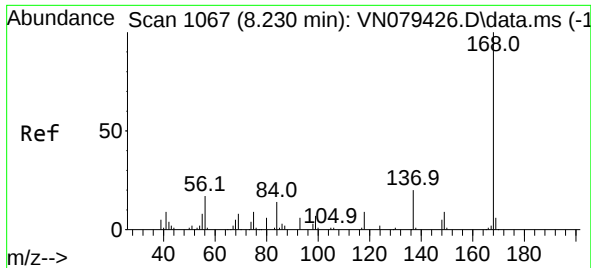
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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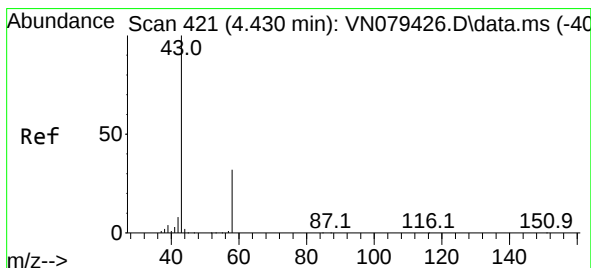
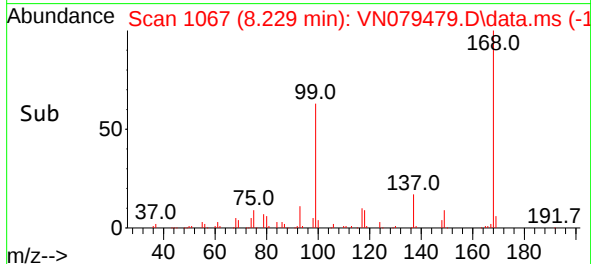
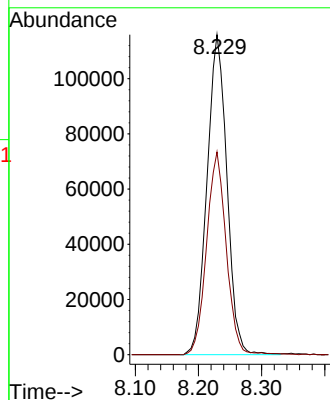
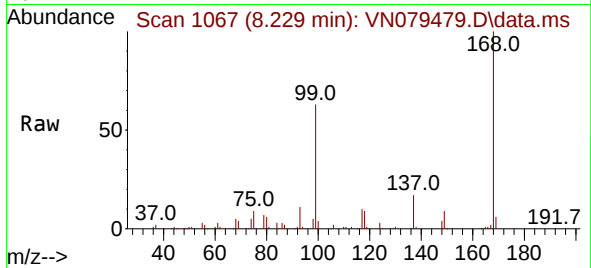




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079479.D
Acq: 09 Oct 2023 18:00

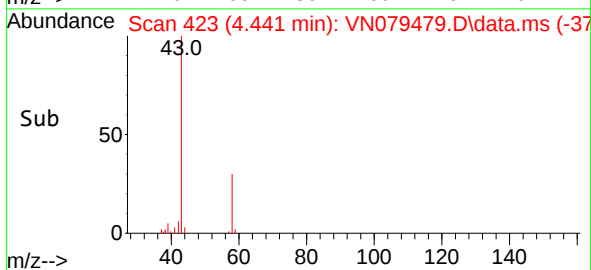
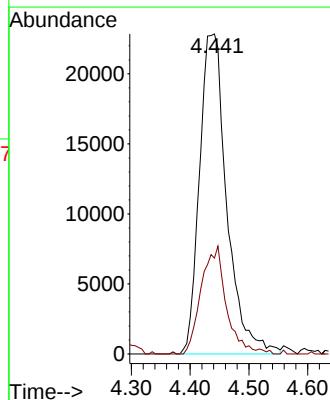
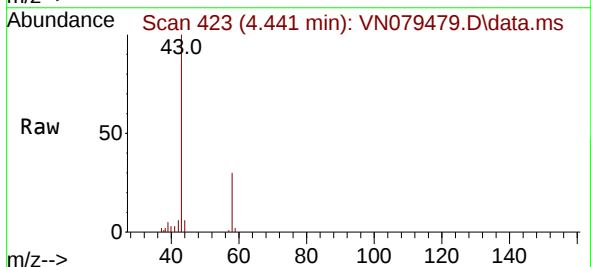
Instrument :
MSVOA_N
ClientSampleId :
SOIL-3

Tgt Ion:168 Resp: 253493
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6



#16
Acetone
Concen: 45.280 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN079479.D
Acq: 09 Oct 2023 18:00

Tgt Ion: 43 Resp: 73818
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0

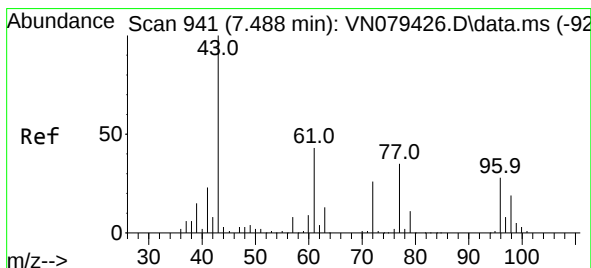
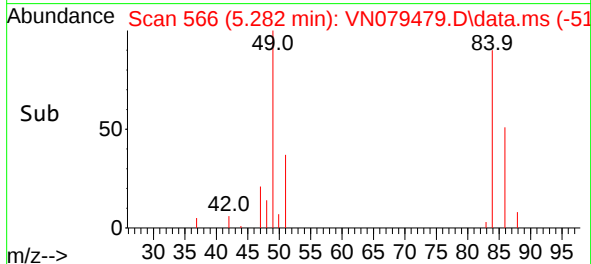
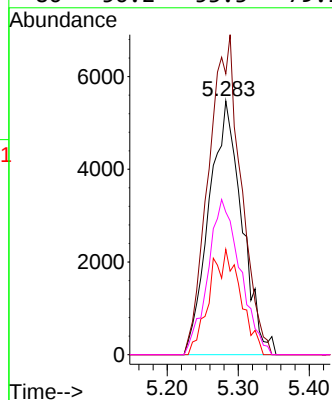
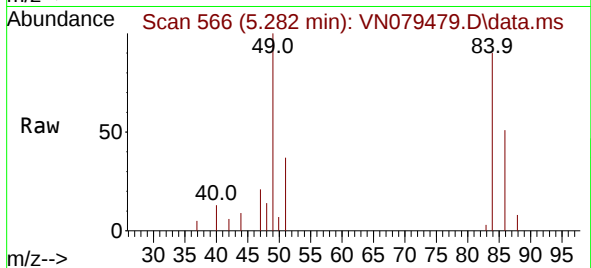




#20
Methylene Chloride
Concen: 4.372 ug/l
RT: 5.282 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN079479.D
Acq: 09 Oct 2023 18:00

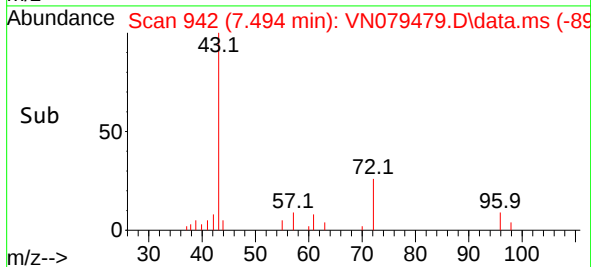
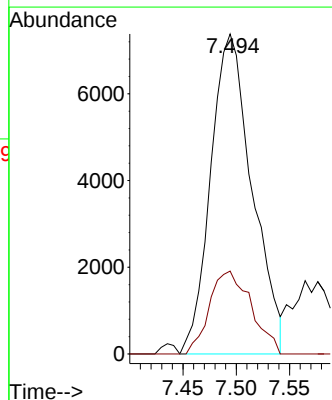
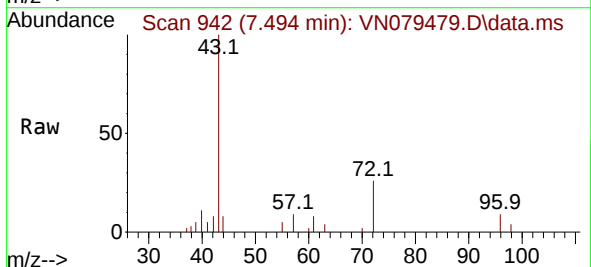
Instrument :
MSVOA_N
ClientSampleId :
SOIL-3

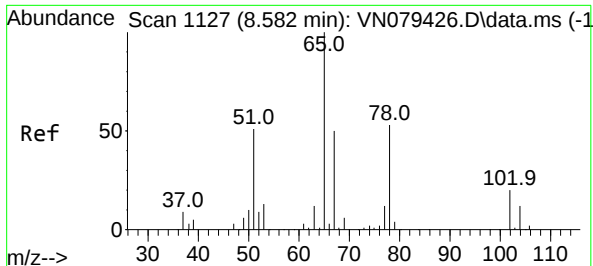
Tgt Ion:	84	Resp:	17569
Ion	Ratio	Lower	Upper
84	100		
49	110.6	79.7	119.5
51	41.5	25.2	37.8#
86	56.2	53.3	79.9



#25
2-Butanone
Concen: 8.268 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079479.D
Acq: 09 Oct 2023 18:00

Tgt Ion:	43	Resp:	20005
Ion	Ratio	Lower	Upper
43	100		
72	25.9	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 51.015 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079479.D

Acq: 09 Oct 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

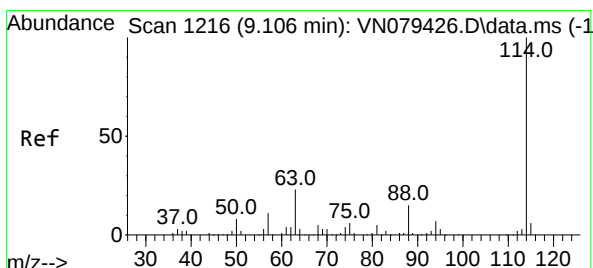
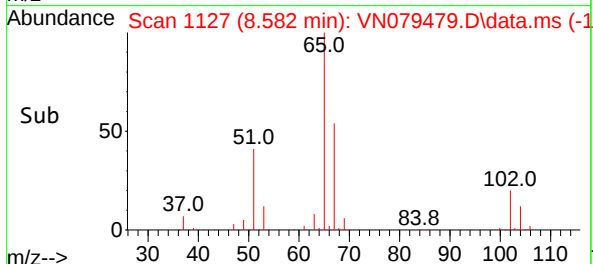
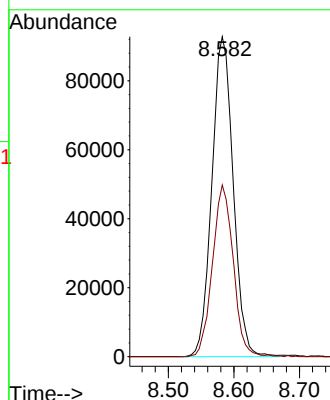
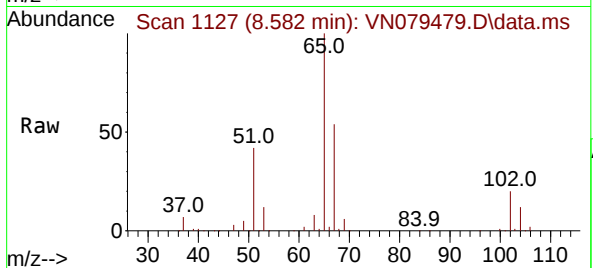
SOIL-3

Tgt Ion: 65 Resp: 209682

Ion Ratio Lower Upper

65 100

67 52.3 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: VN079479.D

Acq: 09 Oct 2023 18:00

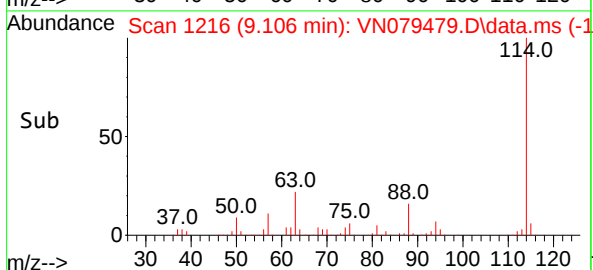
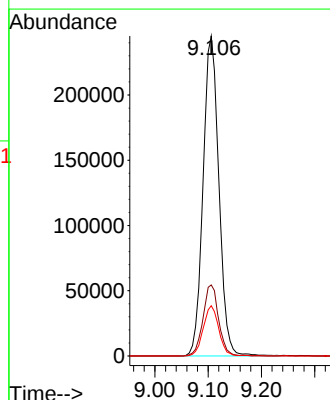
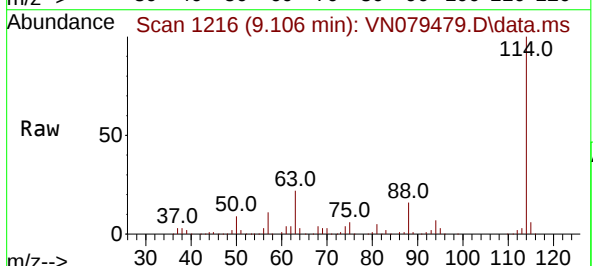
Tgt Ion: 114 Resp: 505272

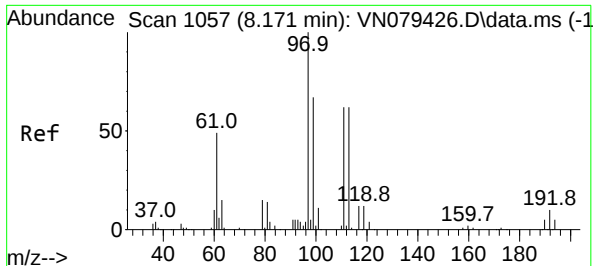
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.689 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079479.D

Acq: 09 Oct 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

SOIL-3

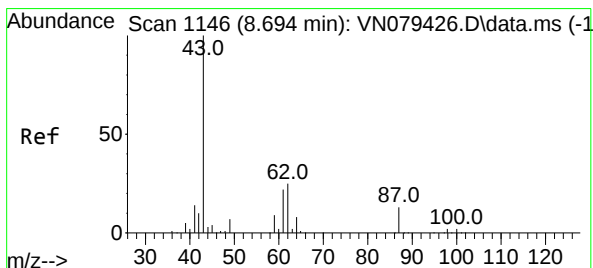
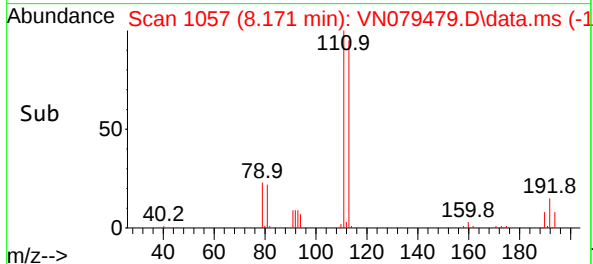
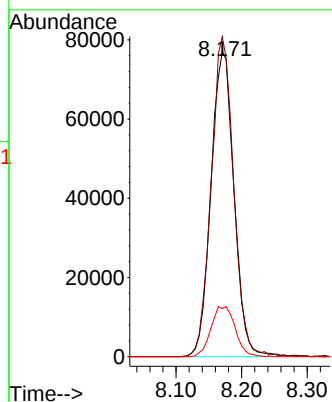
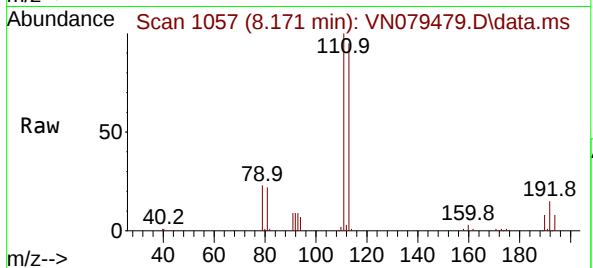
Tgt Ion:113 Resp: 187688

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.3 12.7 19.1



#43

Isopropyl Acetate

Concen: 20.302 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079479.D

Acq: 09 Oct 2023 18:00

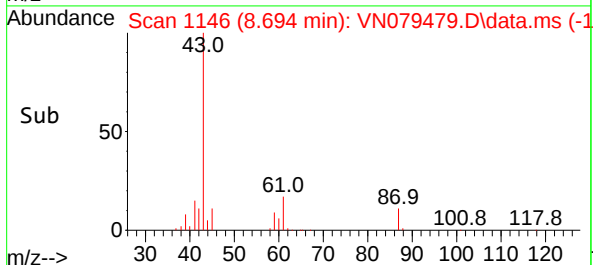
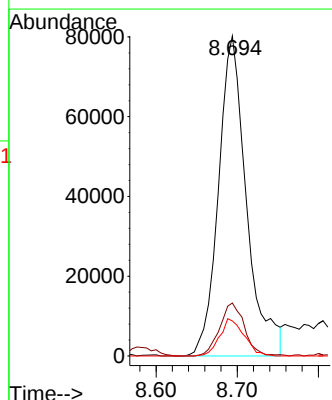
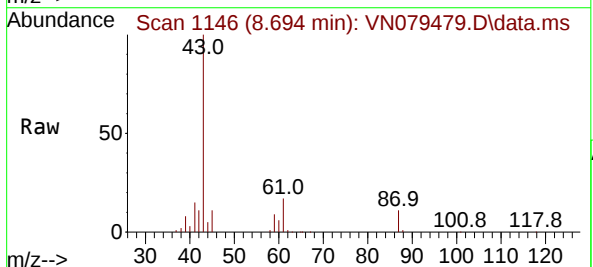
Tgt Ion: 43 Resp: 192873

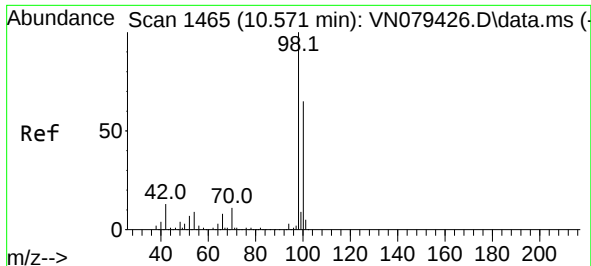
Ion Ratio Lower Upper

43 100

61 14.7 24.7 37.1#

87 10.1 14.6 21.8#

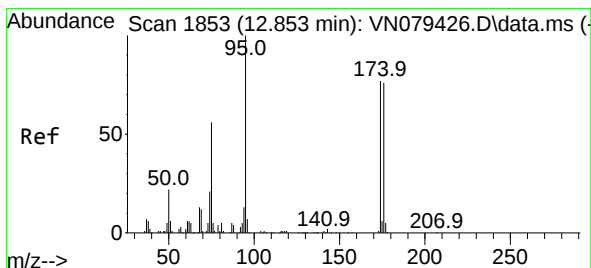
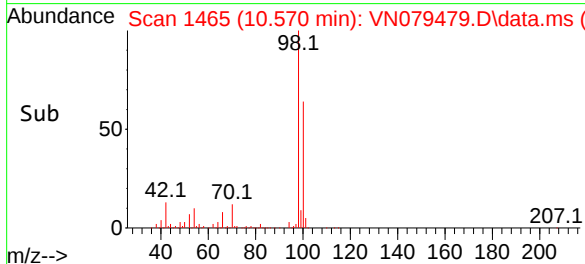
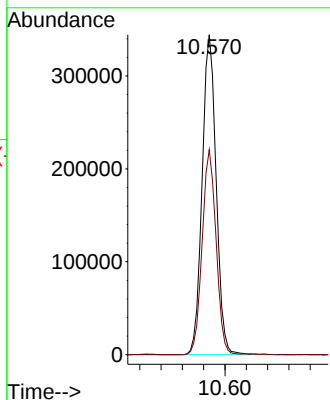
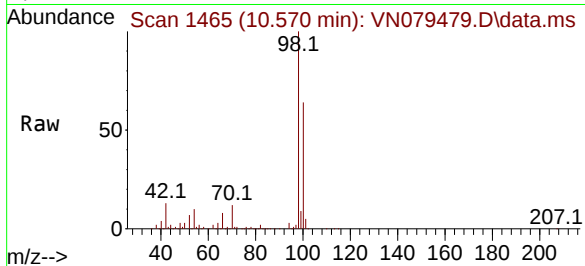




#50
Toluene-d8
Concen: 47.839 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079479.D
Acq: 09 Oct 2023 18:00

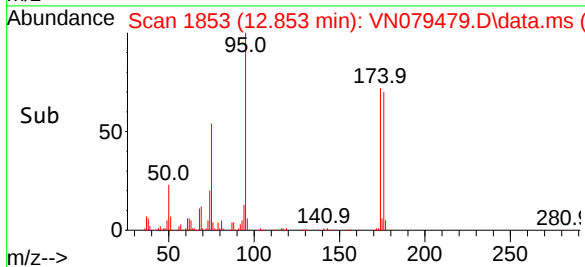
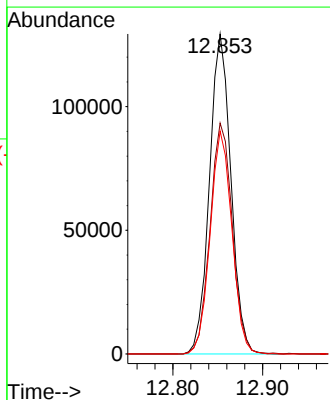
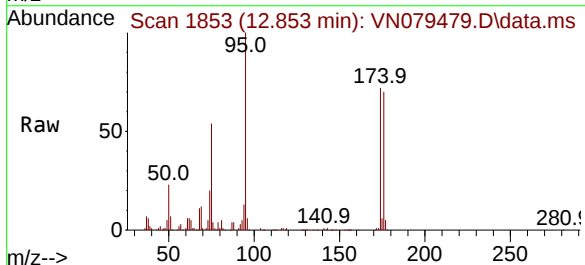
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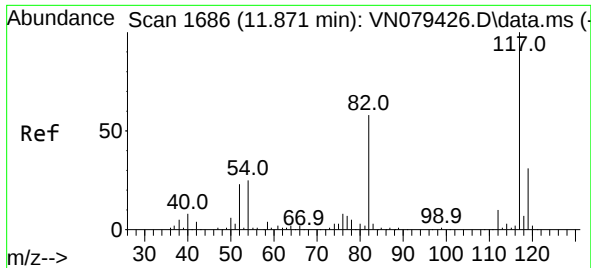
Tgt Ion: 98 Resp: 628518
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.895 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079479.D
Acq: 09 Oct 2023 18:00

Tgt Ion: 95 Resp: 214589
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 70.6 0.0 135.8

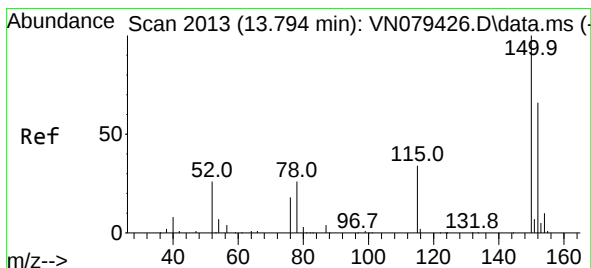
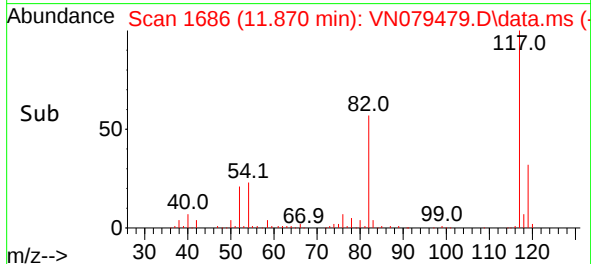
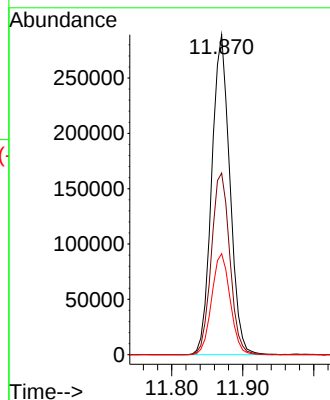
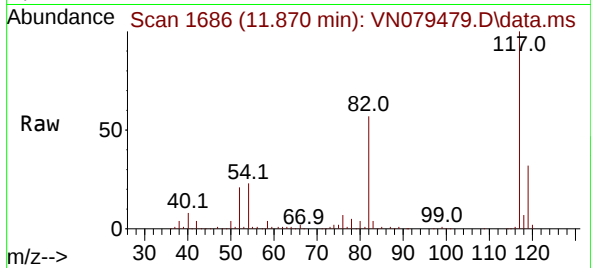




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079479.D
Acq: 09 Oct 2023 18:00

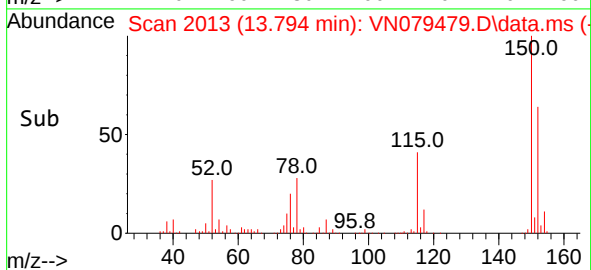
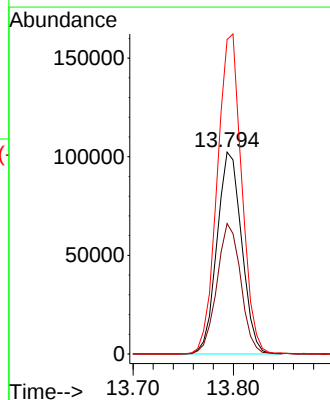
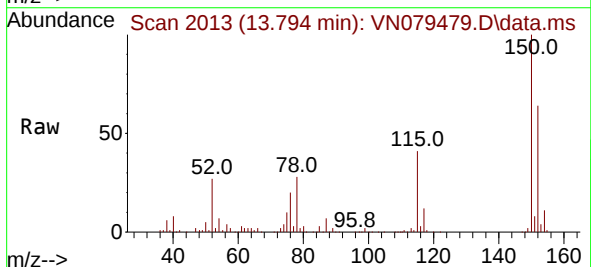
Instrument :
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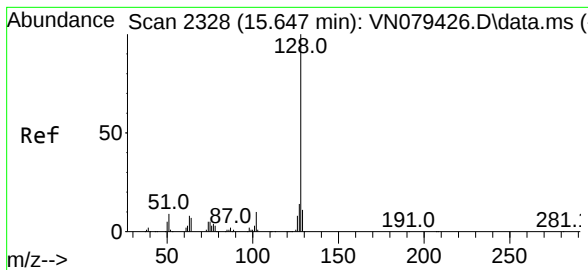
Tgt Ion:117 Resp: 512526
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079479.D
Acq: 09 Oct 2023 18:00

Tgt Ion:152 Resp: 175079
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 157.2 0.0 355.8





#95
Naphthalene
Concen: 14.822 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079479.D
Acq: 09 Oct 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :
SOIL-3

Tgt Ion:	128	Resp:	86617
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.0	15.0
129	10.7	8.7	13.1

