

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102323\
 Data File : VN079652.D
 Acq On : 23 Oct 2023 16:36
 Operator : JC\MD
 Sample : 04989-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRENCHWAY-SOIL-PILE

Quant Time: Oct 23 23:53:05 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)

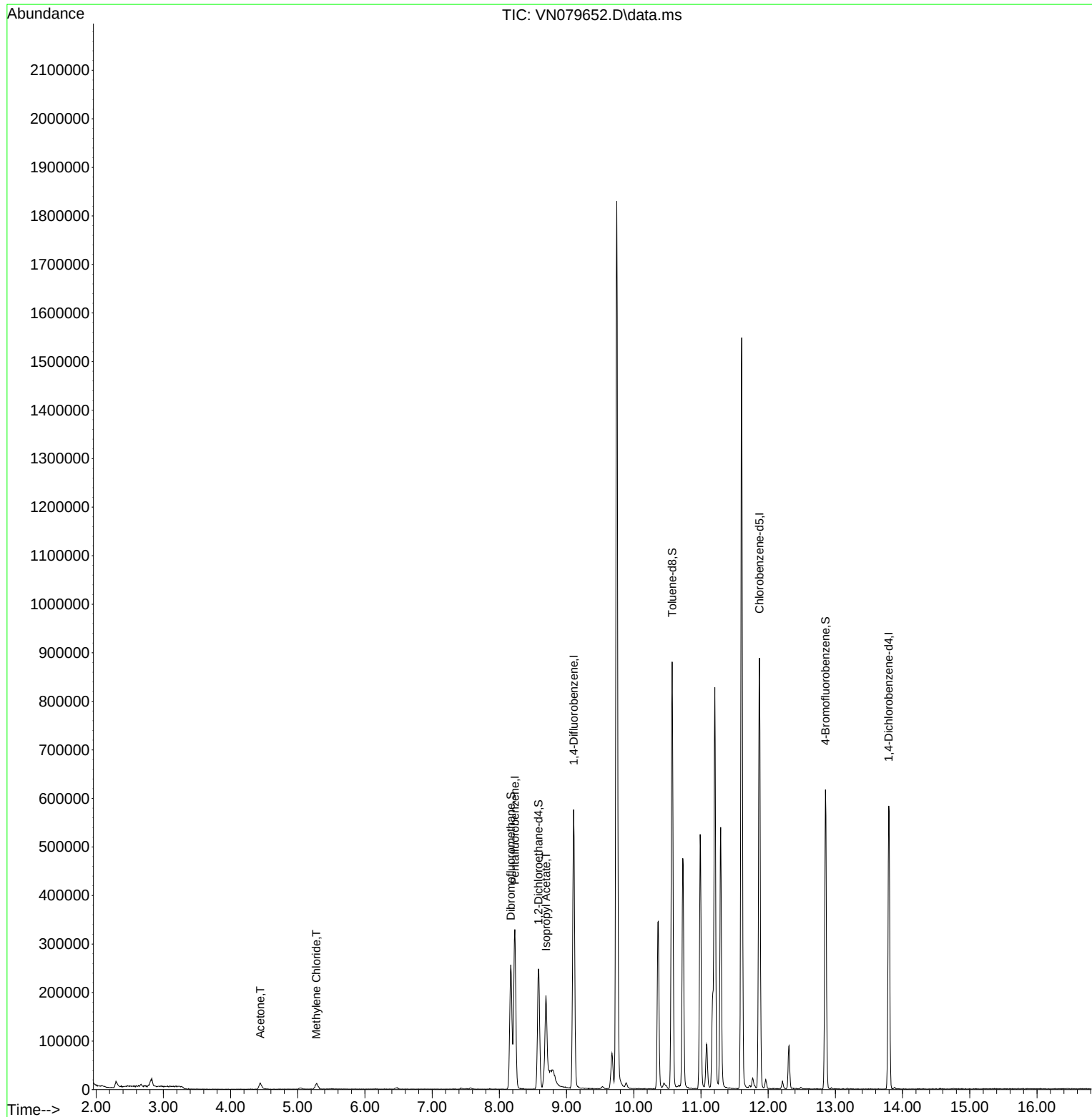
Internal Standards						
1) Pentafluorobenzene	8.230	168	224778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	472558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	495122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	203530	55.844	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 111.680%		
35) Dibromofluoromethane	8.171	113	183969	54.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 108.340%		
50) Toluene-d8	10.571	98	589829	48.002	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 96.000%		
62) 4-Bromofluorobenzene	12.853	95	203007	51.481	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 102.960%		
Target Compounds						Qvalue
16) Acetone	4.442	43	23217	16.061	ug/l #	85
20) Methylene Chloride	5.277	84	8364	2.065	ug/l #	68
43) Isopropyl Acetate	8.694	43	229641	25.845	ug/l #	74

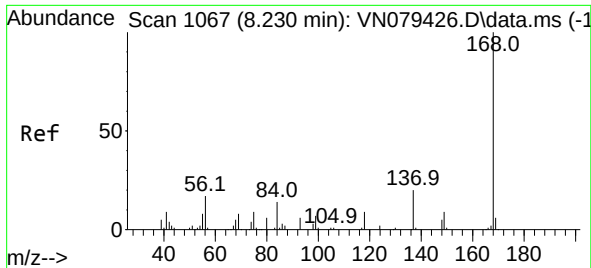
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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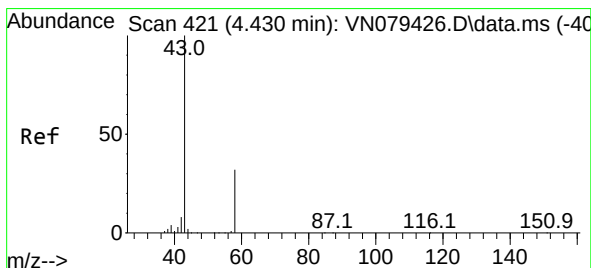
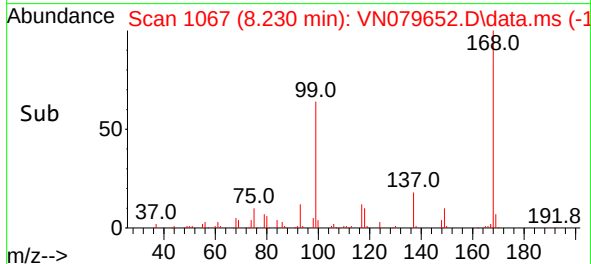
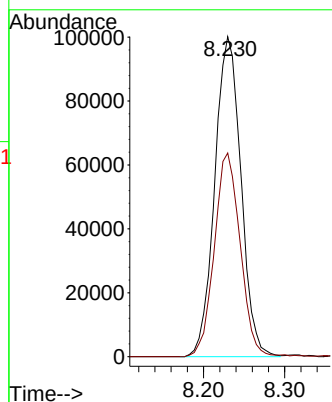
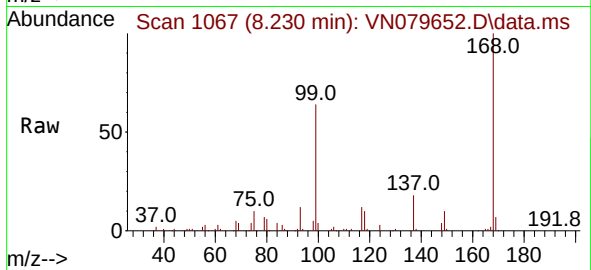




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079652.D
Acq: 23 Oct 2023 16:36

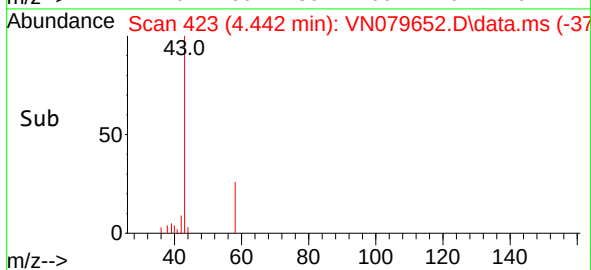
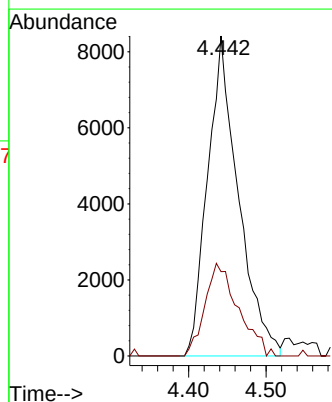
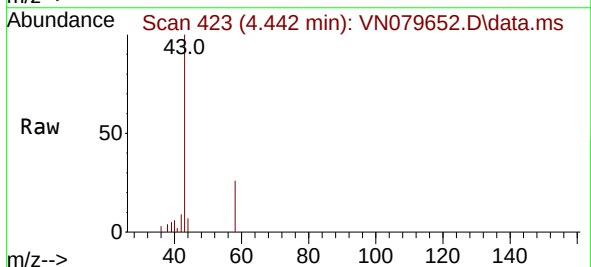
Instrument :
MSVOA_N
ClientSampleId :
TRENCHWAY-SOIL-PILE

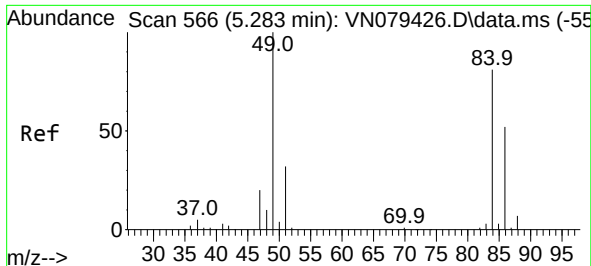
Tgt Ion:168 Resp: 224778
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6



#16
Acetone
Concen: 16.061 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079652.D
Acq: 23 Oct 2023 16:36

Tgt Ion: 43 Resp: 23217
Ion Ratio Lower Upper
43 100
58 26.4 28.0 42.0#

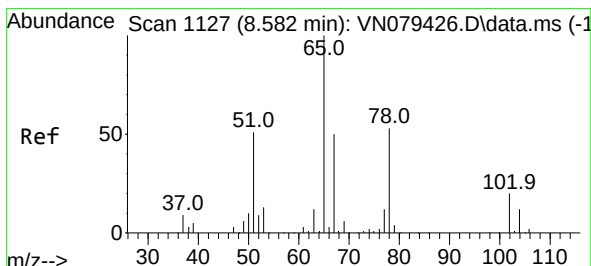
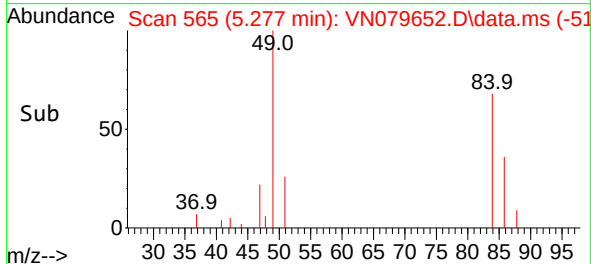
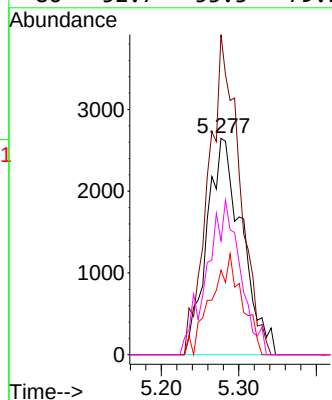
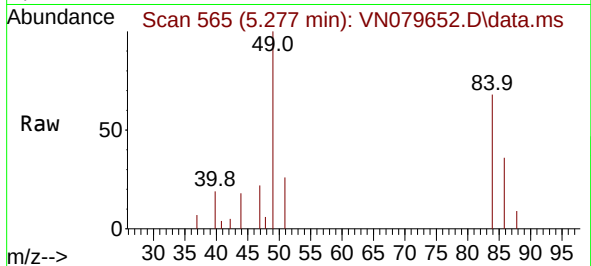




#20
Methylene Chloride
Concen: 2.065 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079652.D
Acq: 23 Oct 2023 16:36

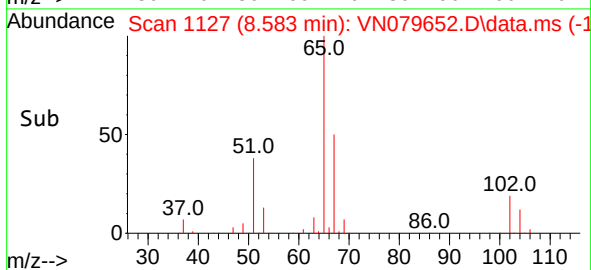
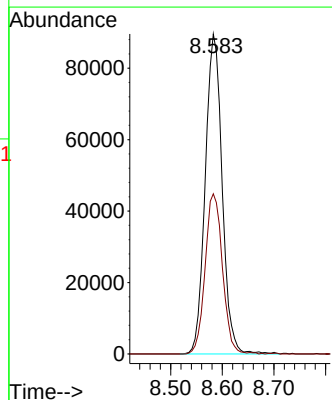
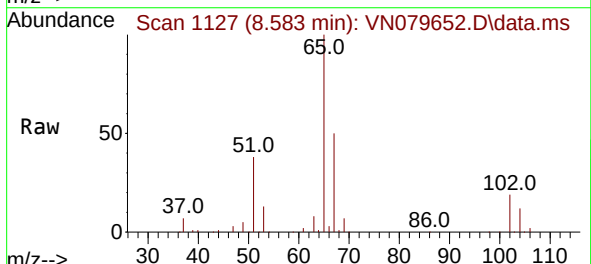
Instrument :
MSVOA_N
ClientSampleId :
TRENCHWAY-SOIL-PILE

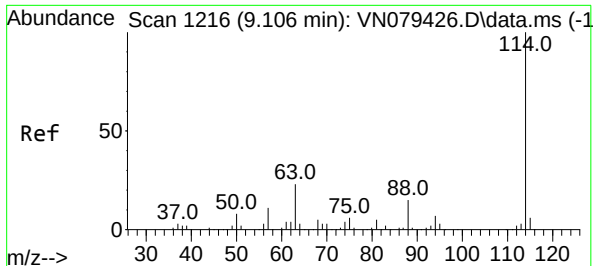
Tgt Ion:	84	Resp:	8364
Ion	Ratio	Lower	Upper
84	100		
49	147.9	79.7	119.5#
51	39.1	25.2	37.8#
86	52.7	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 55.844 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079652.D
Acq: 23 Oct 2023 16:36

Tgt Ion:	65	Resp:	203530
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079652.D

Acq: 23 Oct 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

TRENCHWAY-SOIL-PILE

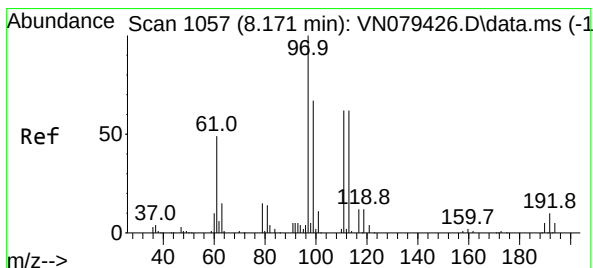
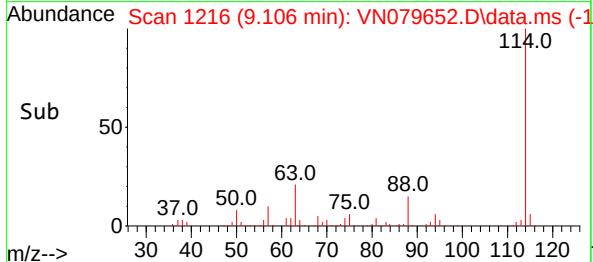
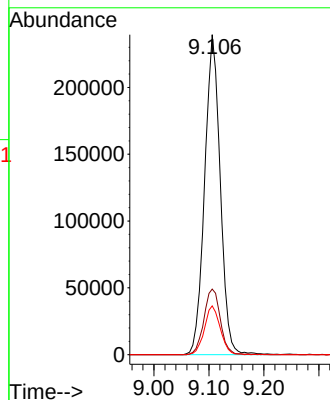
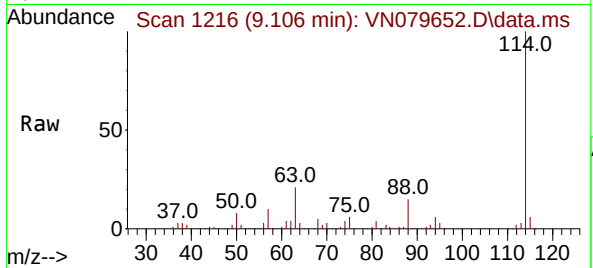
Tgt Ion:114 Resp: 472558

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.173 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079652.D

Acq: 23 Oct 2023 16:36

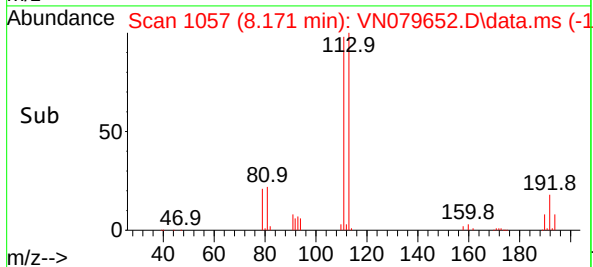
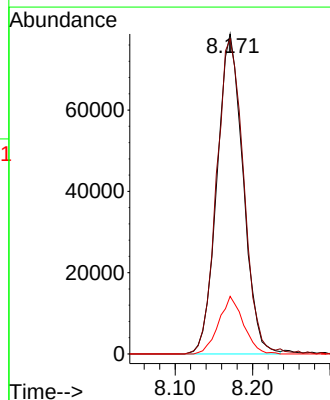
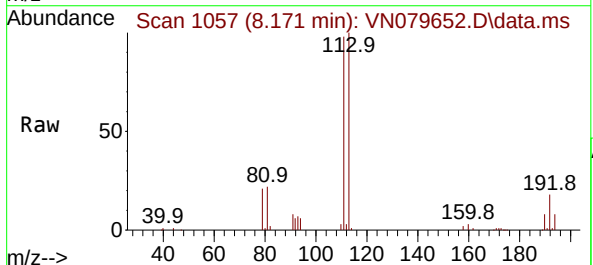
Tgt Ion:113 Resp: 183969

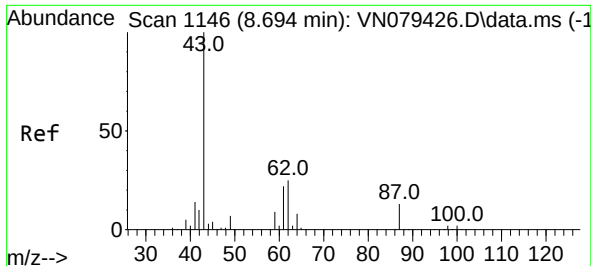
Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 17.0 12.7 19.1

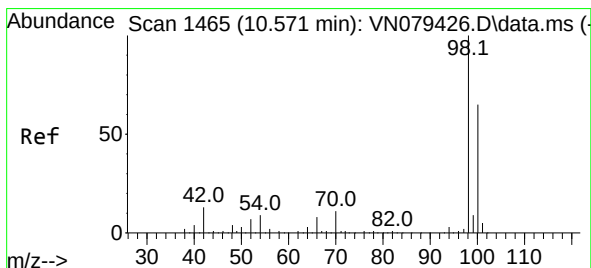
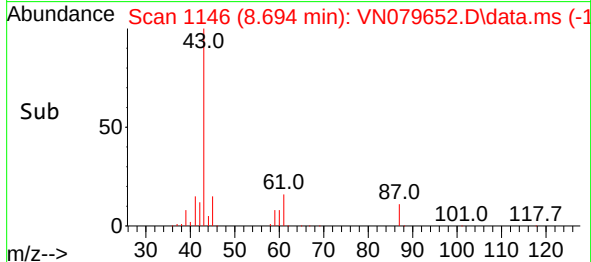
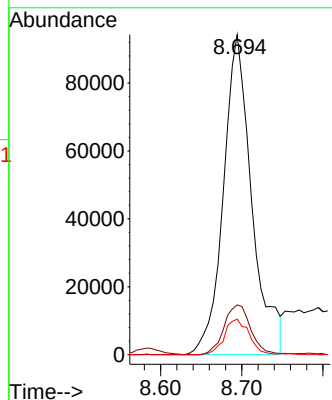
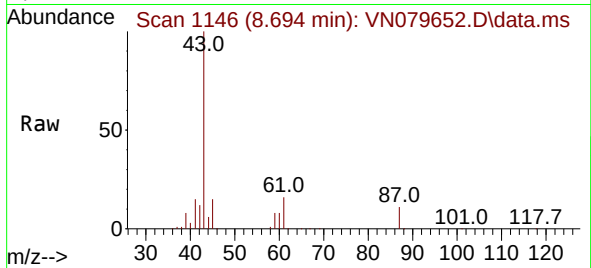




#43
Isopropyl Acetate
Concen: 25.845 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079652.D
Acq: 23 Oct 2023 16:36

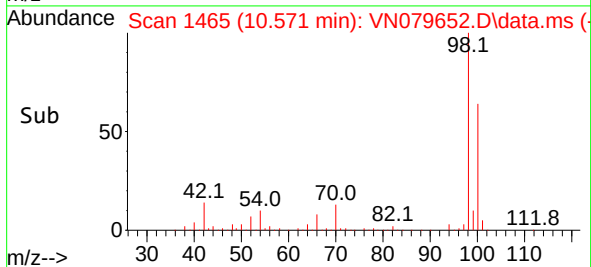
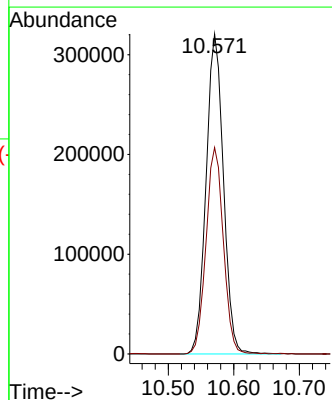
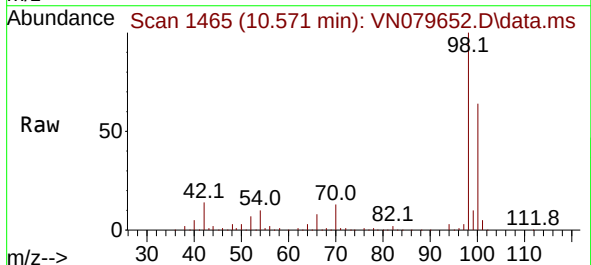
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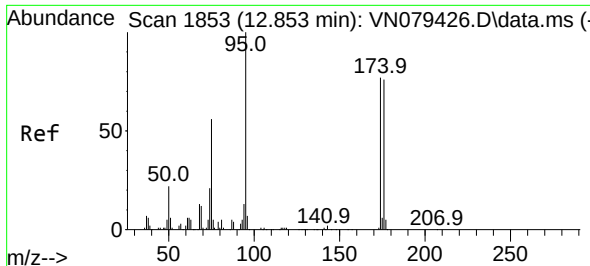
Tgt Ion: 43 Resp: 229641
Ion Ratio Lower Upper
43 100
61 14.7 24.7 37.1#
87 9.8 14.6 21.8#



#50
Toluene-d8
Concen: 48.002 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079652.D
Acq: 23 Oct 2023 16:36

Tgt Ion: 98 Resp: 589829
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

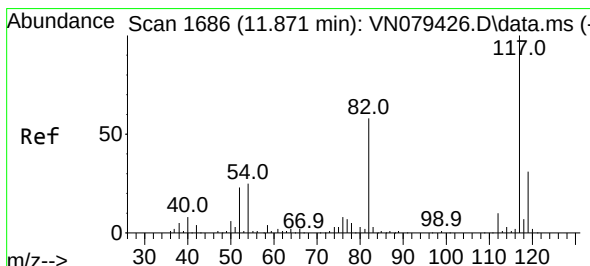
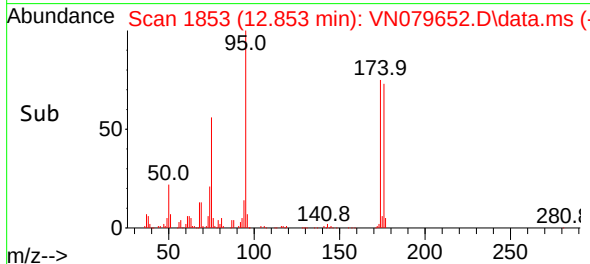
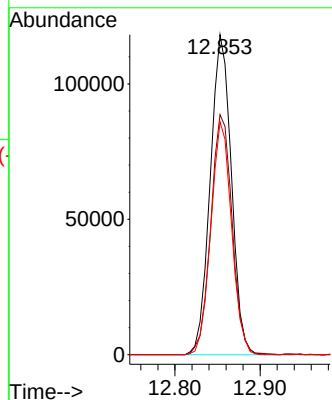
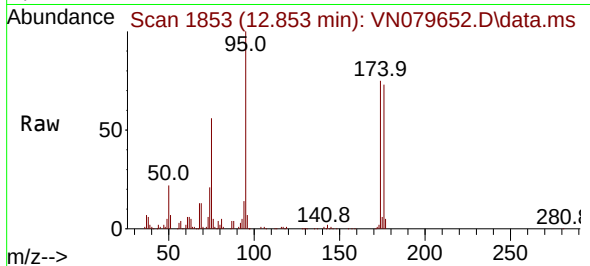




#62
4-Bromofluorobenzene
Concen: 51.481 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079652.D
Acq: 23 Oct 2023 16:36

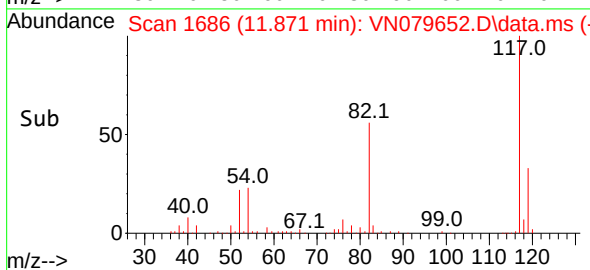
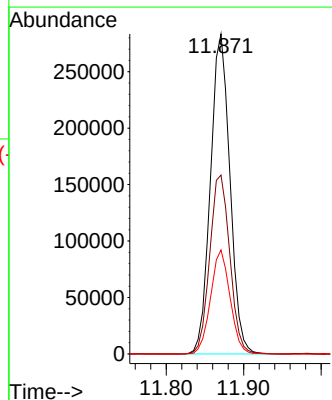
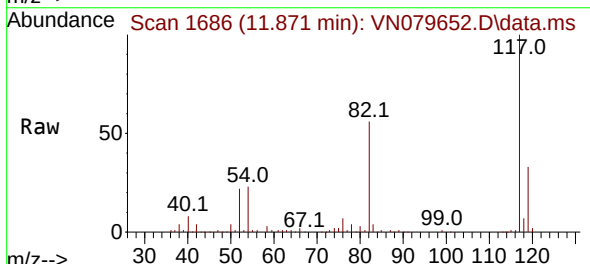
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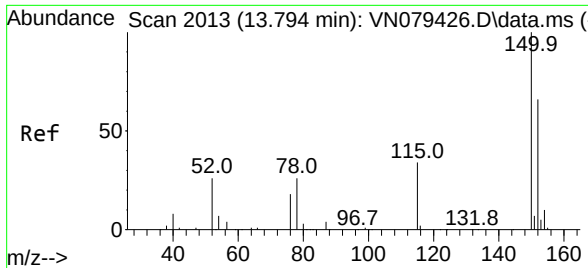
Tgt Ion: 95 Resp: 203007
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 71.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079652.D
Acq: 23 Oct 2023 16:36

Tgt Ion: 117 Resp: 495122
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 32.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079652.D
 Acq: 23 Oct 2023 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 TRENCHWAY-SOIL-PILE

Tgt Ion:152	Resp:	155349
Ion	Ratio	Lower Upper
152	100	
115	61.8	32.3 96.8
150	156.0	0.0 355.8

