

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085334.D
 Acq On : 27 Dec 2024 18:42
 Operator : JC\MD
 Sample : P5380-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TAPIAL3-IDW-SOIL-122024-T1

Quant Time: Dec 28 01:45:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

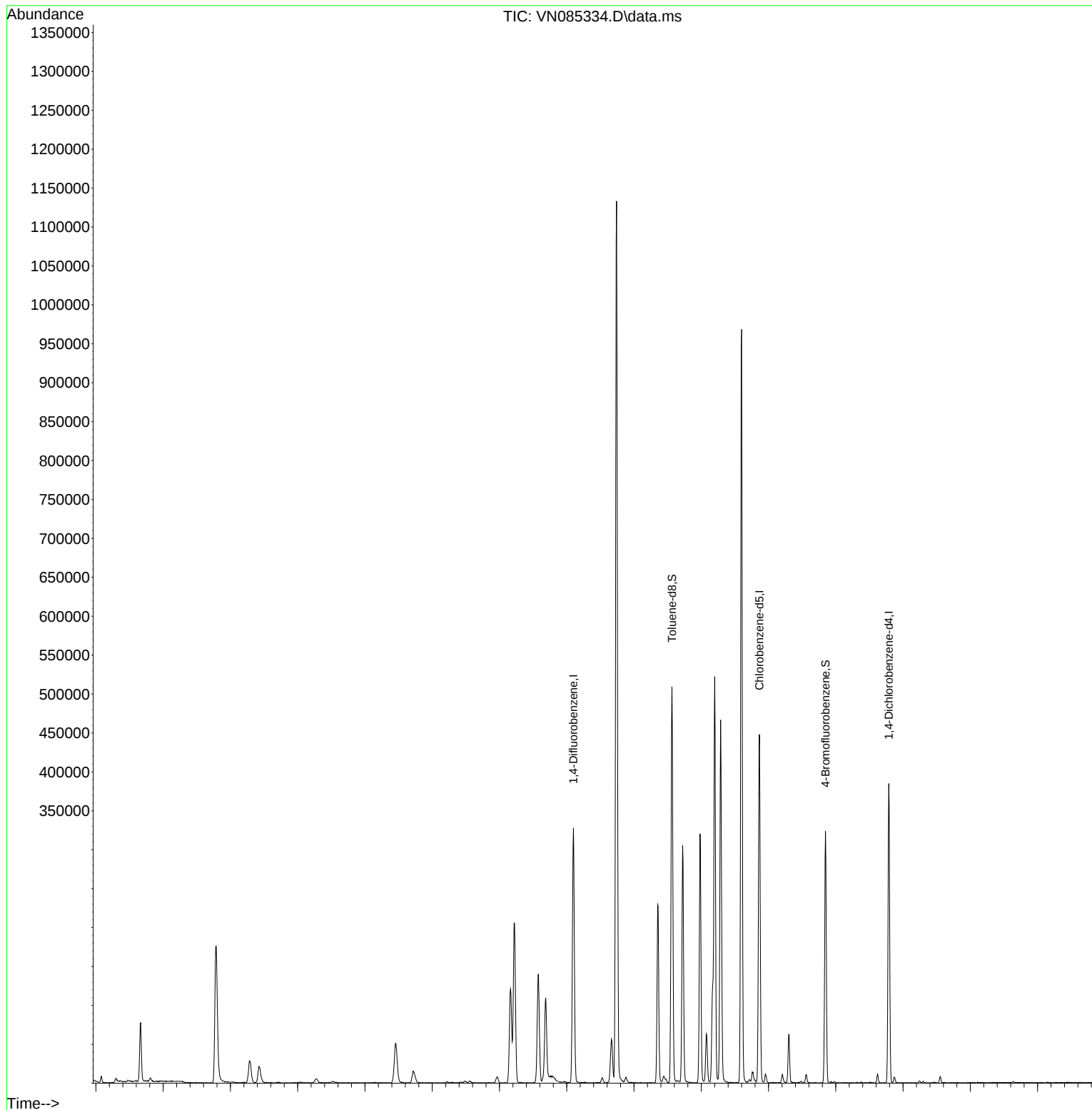
Internal Standards						
1) Pentafluorobenzene	8.224	168	141875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113623	56.151	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.300%			
35) Dibromofluoromethane	8.165	113	88760	52.641	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.280%			
50) Toluene-d8	10.565	98	338827	54.761	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.520%			
62) 4-Bromofluorobenzene	12.847	95	108857	52.974	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.940%			
Target Compounds						
16) Acetone	4.424	43	40975	61.580	ug/l	99
20) Methylene Chloride	5.277	84	4228	2.362	ug/l	88
30) Chloroform	7.965	83	7841	2.340	ug/l #	73
43) Isopropyl Acetate	8.688	43	131400	32.521	ug/l #	87

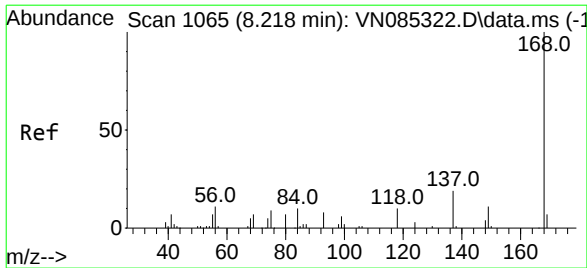
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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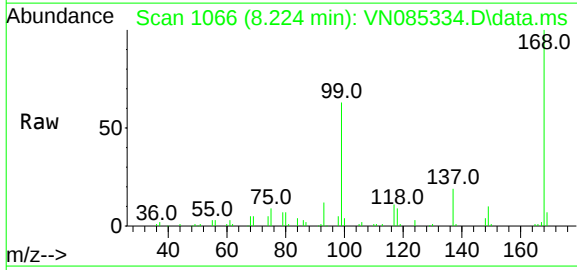
Quant Time: Dec 28 01:45:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration



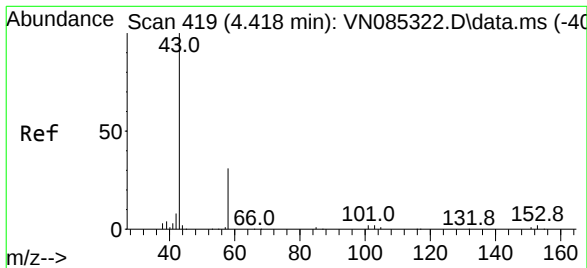
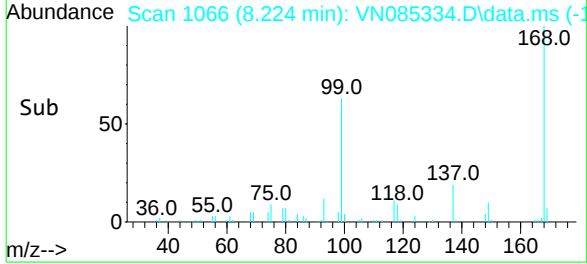
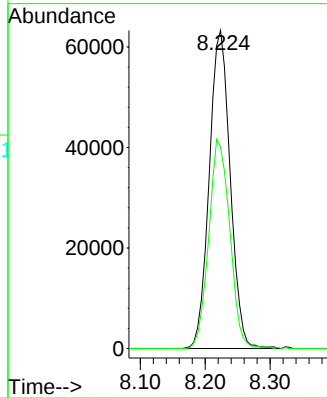


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085334.D
Acq: 27 Dec 2024 18:42

Instrument :
MSVOA_N
ClientSampleId :
TAPIAL3-IDW-SOIL-122024-T1

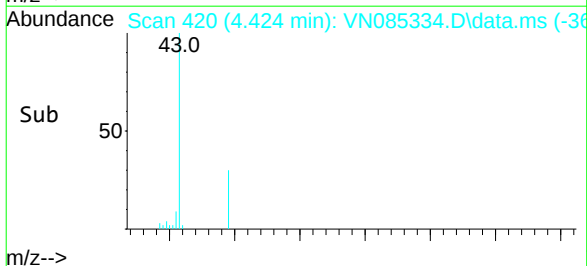
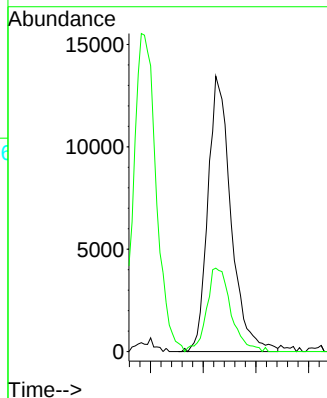
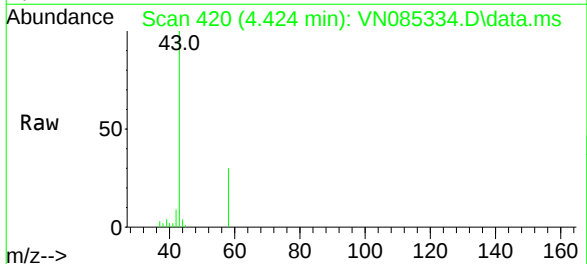


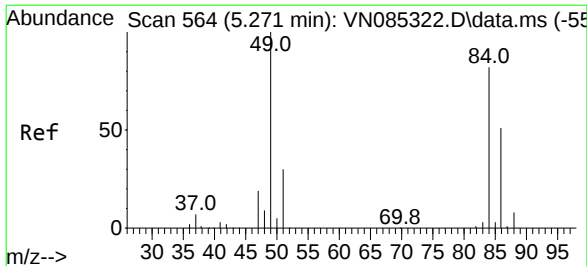
Tgt Ion:168 Resp: 141875
Ion Ratio Lower Upper
168 100
99 63.4 51.0 76.4



#16
Acetone
Concen: 61.580 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085334.D
Acq: 27 Dec 2024 18:42

Tgt Ion: 43 Resp: 40975
Ion Ratio Lower Upper
43 100
58 30.3 24.5 36.7





#20

Methylene Chloride

Concen: 2.362 ug/l

RT: 5.277 min Scan# 564

Delta R.T. 0.006 min

Lab File: VN085334.D

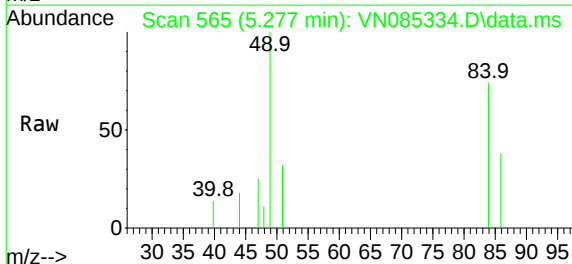
Acq: 27 Dec 2024 18:42

Instrument :

MSVOA_N

ClientSampleId :

TAPIAL3-IDW-SOIL-122024-T1



Tgt Ion: 84 Resp: 4228

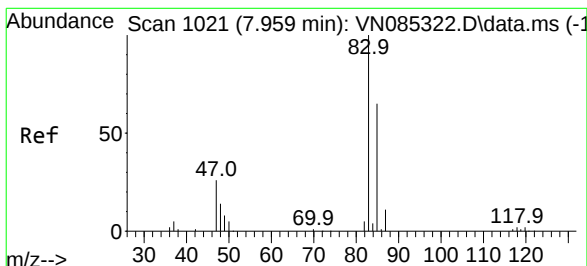
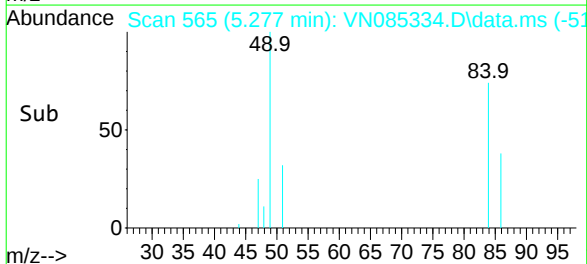
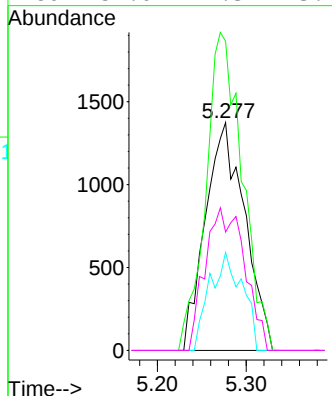
Ion Ratio Lower Upper

84 100

49 135.7 97.6 146.4

51 43.0 29.1 43.7

86 52.0 49.3 73.9



#30

Chloroform

Concen: 2.340 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085334.D

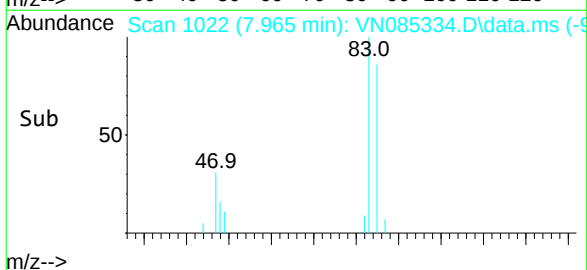
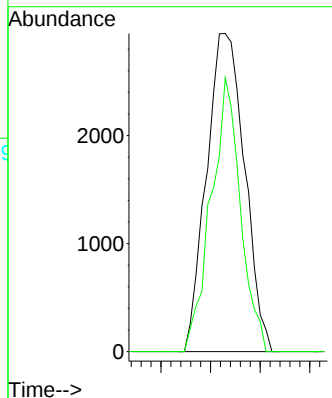
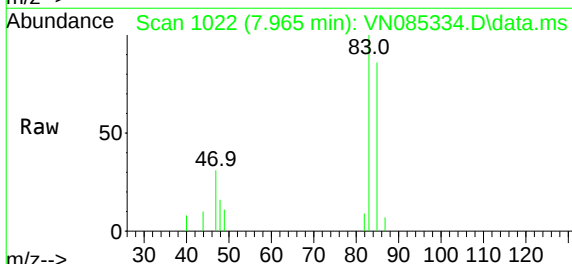
Acq: 27 Dec 2024 18:42

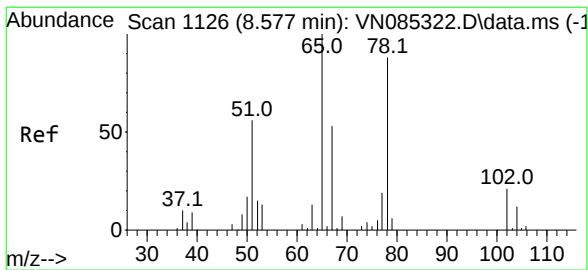
Tgt Ion: 83 Resp: 7841

Ion Ratio Lower Upper

83 100

85 86.0 52.0 78.0#

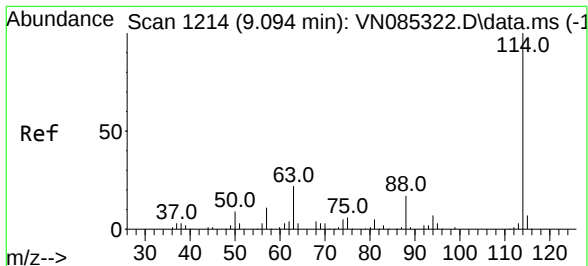
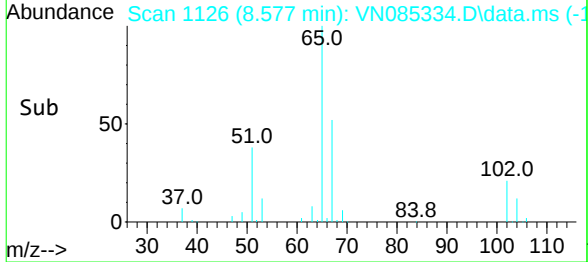
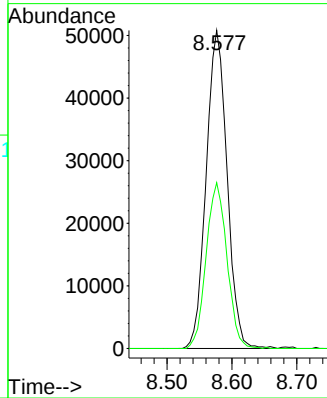
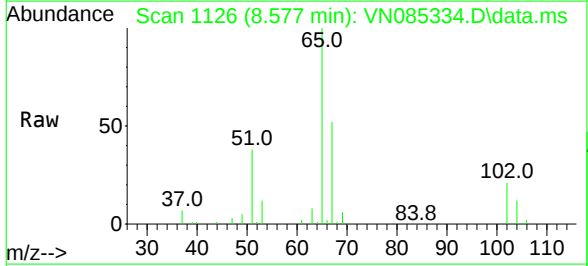




#33
1,2-Dichloroethane-d4
Concen: 56.151 ug/l
RT: 8.577 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085334.D
Acq: 27 Dec 2024 18:42

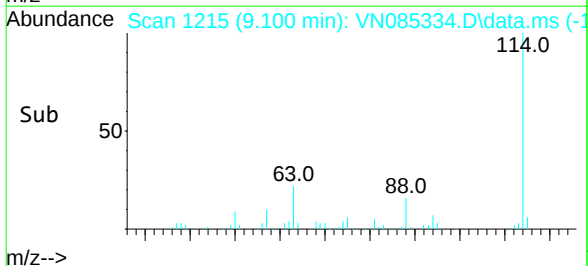
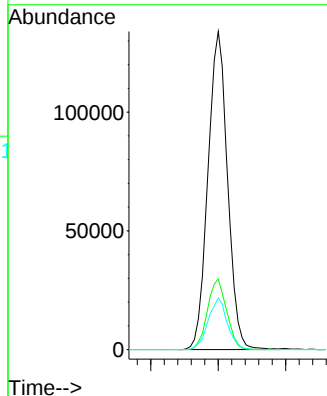
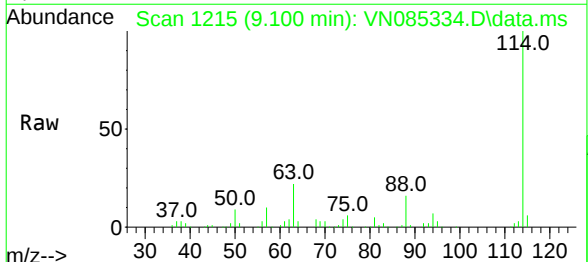
Instrument :
MSVOA_N
ClientSampleId :
TAPIAL3-IDW-SOIL-122024-T1

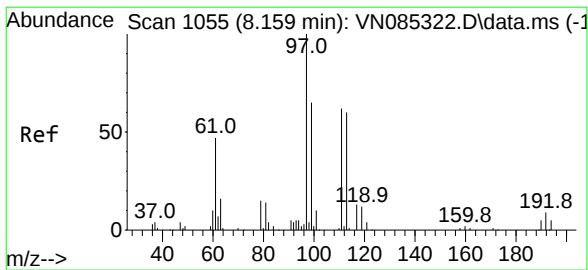
Tgt Ion: 65 Resp: 113623
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085334.D
Acq: 27 Dec 2024 18:42

Tgt Ion: 114 Resp: 270279
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.4
88 16.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 52.641 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085334.D

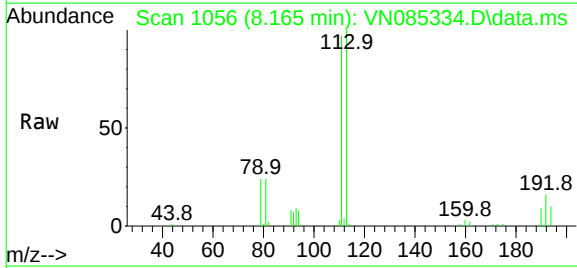
Acq: 27 Dec 2024 18:42

Instrument :

MSVOA_N

ClientSampleId :

TAPIAL3-IDW-SOIL-122024-T1



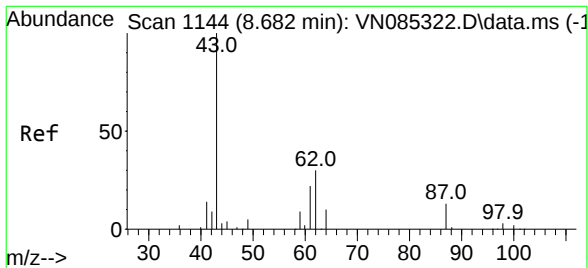
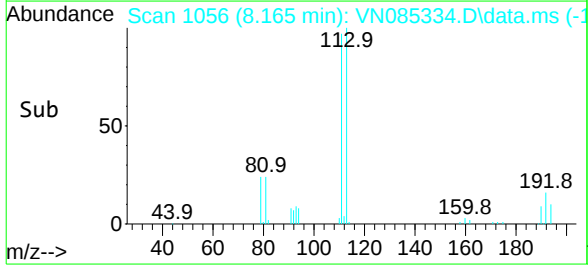
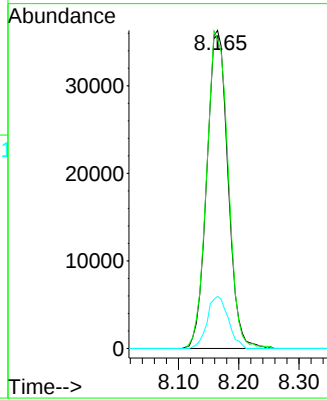
Tgt Ion:113 Resp: 88760

Ion Ratio Lower Upper

113 100

111 101.2 80.5 120.7

192 16.2 12.9 19.3



#43

Isopropyl Acetate

Concen: 32.521 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085334.D

Acq: 27 Dec 2024 18:42

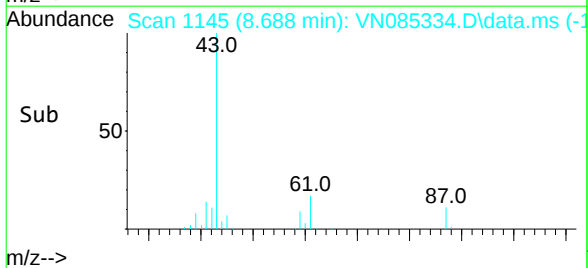
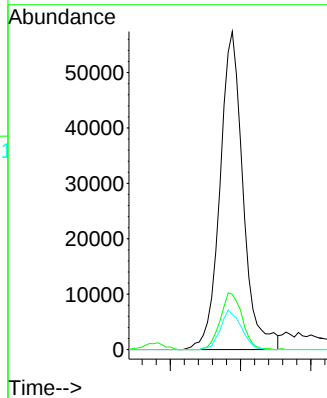
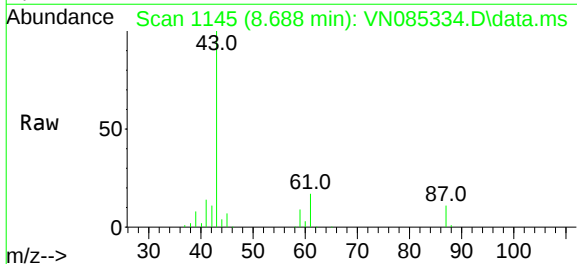
Tgt Ion: 43 Resp: 131400

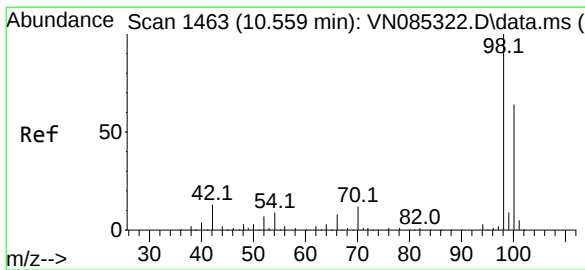
Ion Ratio Lower Upper

43 100

61 16.8 20.8 31.2#

87 11.2 10.2 15.4





#50

Toluene-d8

Concen: 54.761 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN085334.D

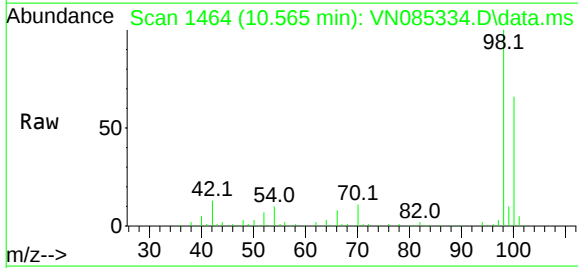
Acq: 27 Dec 2024 18:42

Instrument :

MSVOA_N

ClientSampleId :

TAPIAL3-IDW-SOIL-122024-T1

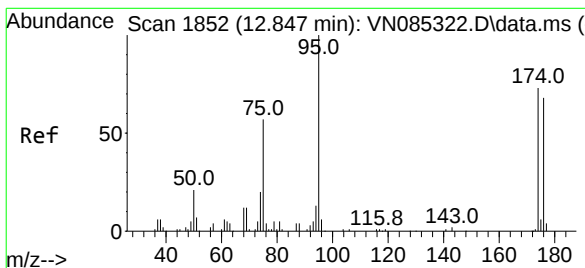
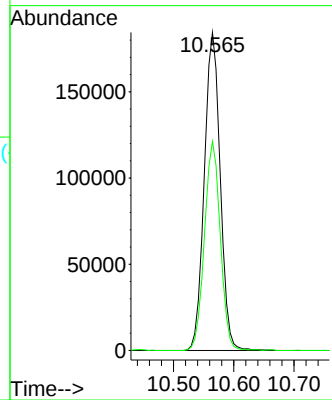
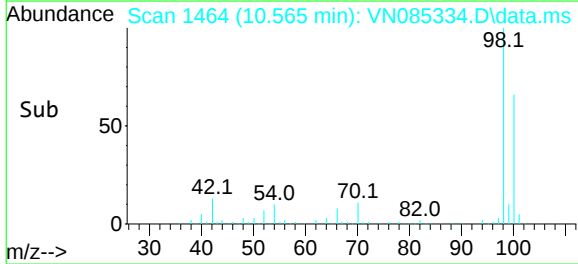


Tgt Ion: 98 Resp: 338827

Ion Ratio Lower Upper

98 100

100 65.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 52.974 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085334.D

Acq: 27 Dec 2024 18:42

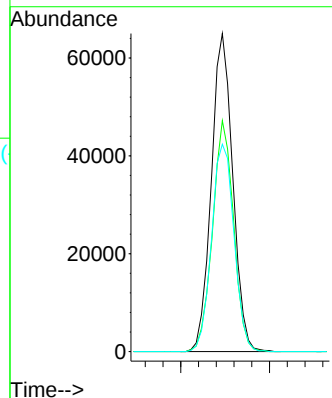
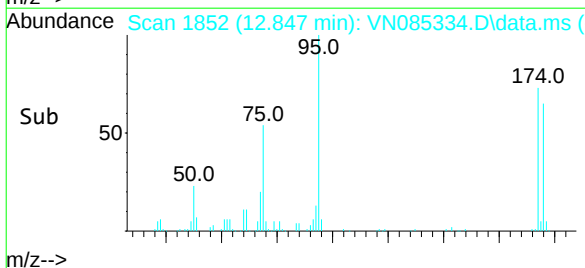
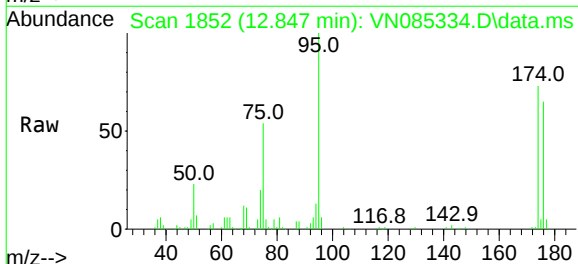
Tgt Ion: 95 Resp: 108857

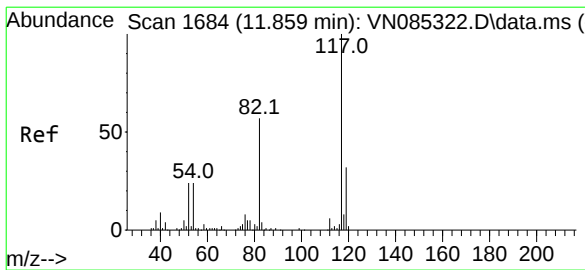
Ion Ratio Lower Upper

95 100

174 71.2 0.0 143.2

176 68.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085334.D

Acq: 27 Dec 2024 18:42

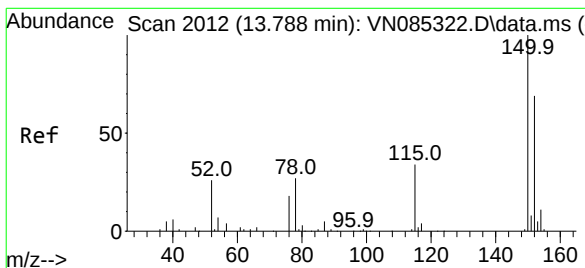
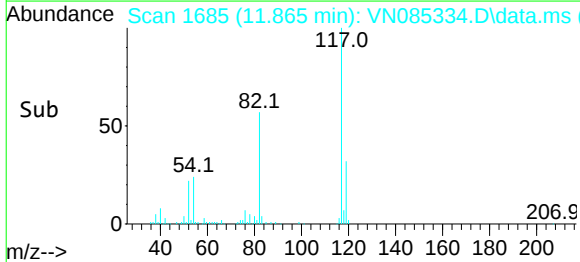
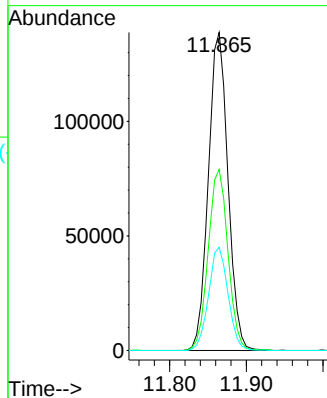
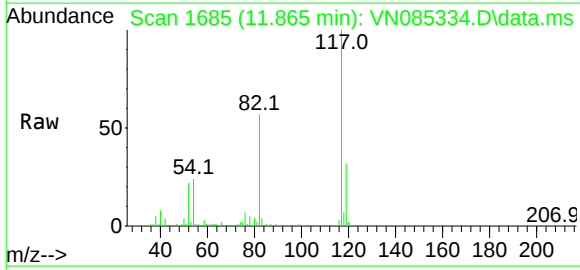
Instrument :

MSVOA_N

ClientSampleId :

TAPIAL3-IDW-SOIL-122024-T1

Tgt Ion:	117	Resp:	246031
Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.7	68.5
119	32.5	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085334.D

Acq: 27 Dec 2024 18:42

Tgt Ion:	152	Resp:	98028
Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.4	91.3
150	158.1	0.0	345.0

