

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081440.D
 Acq On : 15 Mar 2024 21:17
 Operator : JC\MD
 Sample : P1782-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Mar 15 23:40:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

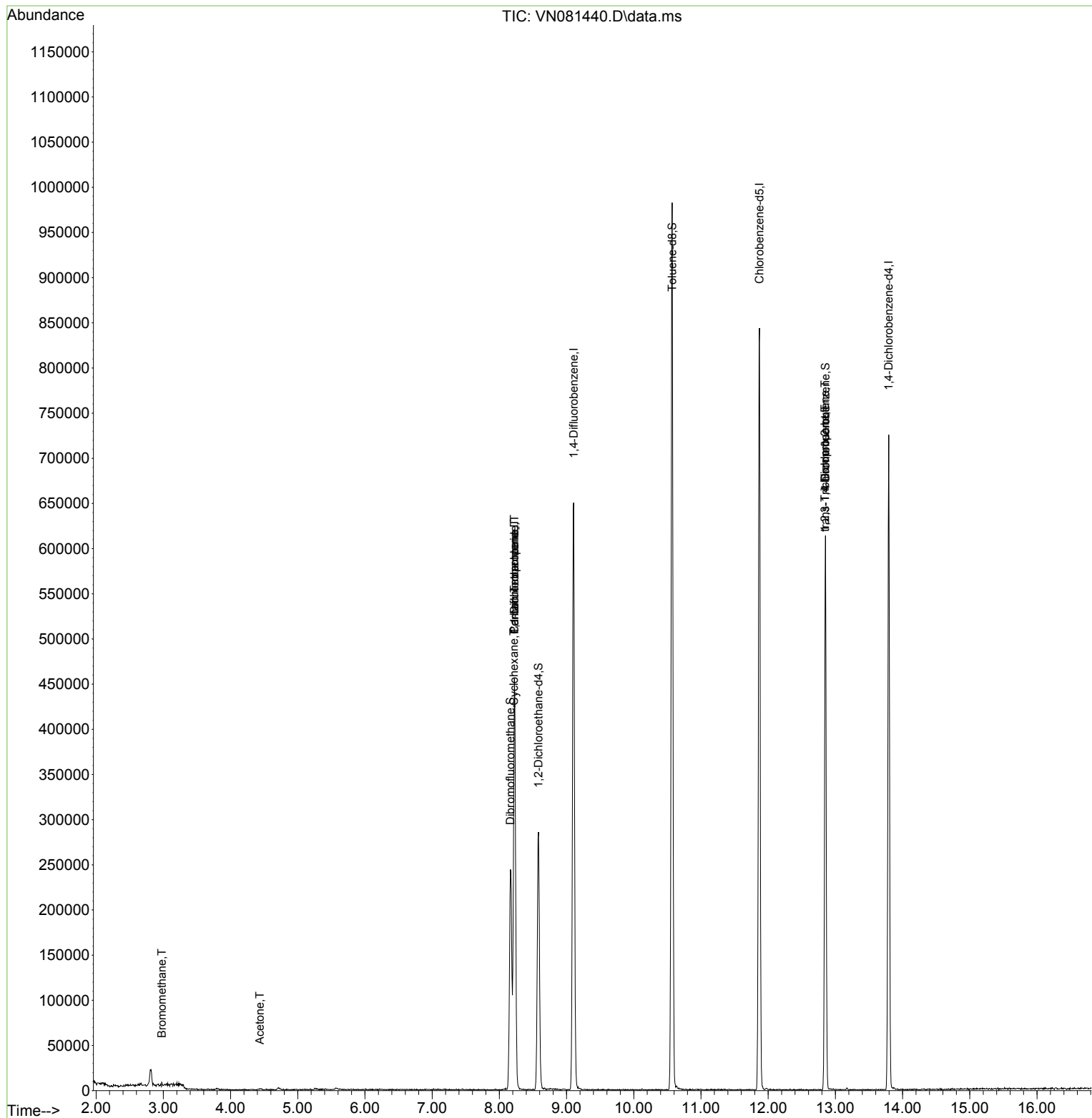
Internal Standards						
1) Pentafluorobenzene	8.224	168	302670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	542877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	470236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230343	52.635	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.260%
35) Dibromofluoromethane	8.165	113	180570	54.290	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.580%
50) Toluene-d8	10.571	98	649186	52.213	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.420%
62) 4-Bromofluorobenzene	12.853	95	197023	44.834	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.660%
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	1092	0.362	ug/l #	68
16) Acetone	4.436	43	1987	1.281	ug/l #	44
20) Methylene Chloride	5.271	84	481	Below Cal	#	17
31) Cyclohexane	8.218	56	8553	1.291	ug/l #	16
36) 1,1-Dichloropropene	8.224	75	28741	5.356	ug/l #	50
38) Carbon Tetrachloride	8.224	117	35860	6.640	ug/l #	20
76) 1,2,3-Trichloropropane	12.847	75	110972	26.695	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	110972	74.500	ug/l #	14

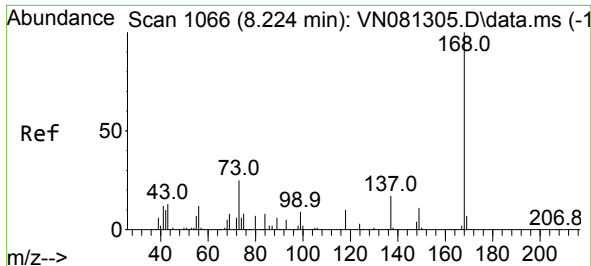
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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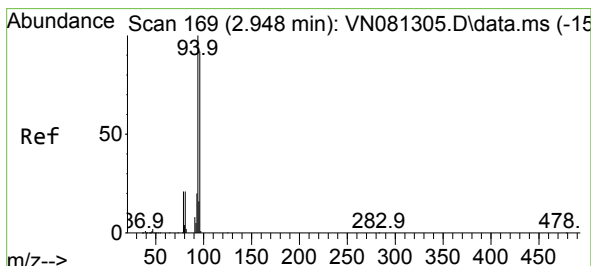
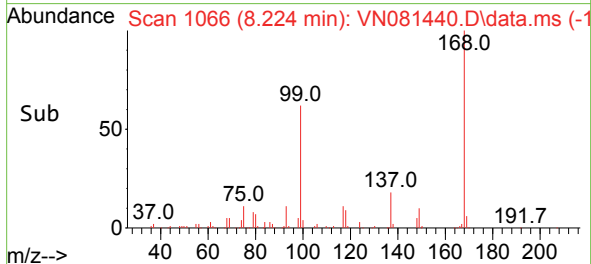
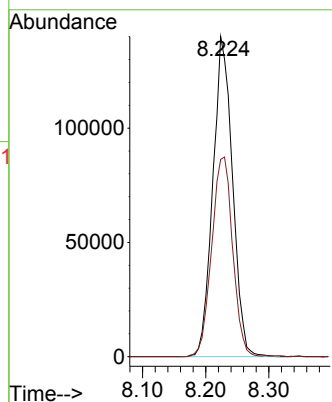
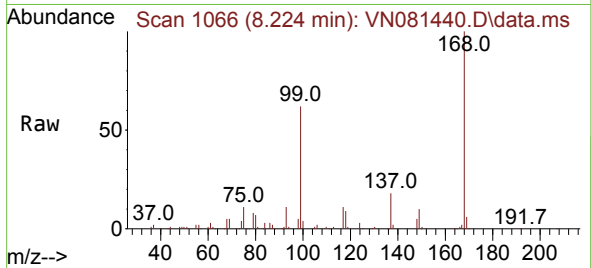




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081440.D
Acq: 15 Mar 2024 21:17

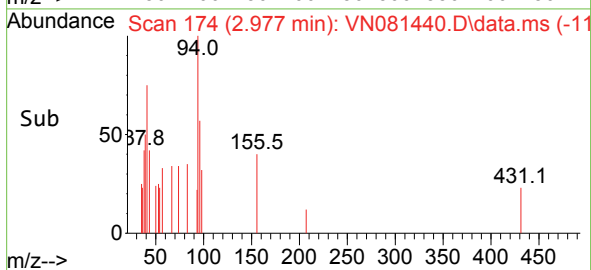
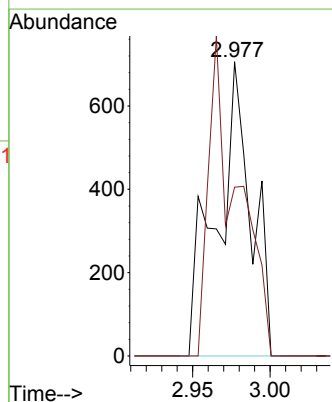
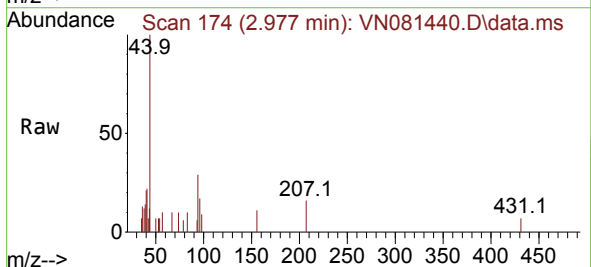
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

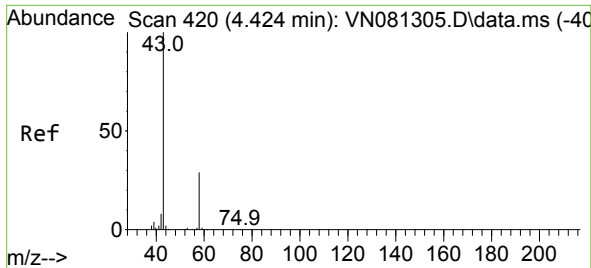
Tgt Ion:168 Resp: 302670
Ion Ratio Lower Upper
168 100
99 61.6 59.9 89.9



#5
Bromomethane
Concen: 0.362 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.029 min
Lab File: VN081440.D
Acq: 15 Mar 2024 21:17

Tgt Ion: 94 Resp: 1092
Ion Ratio Lower Upper
94 100
96 57.4 69.2 103.8#





#16

Acetone

Concen: 1.281 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN081440.D

Acq: 15 Mar 2024 21:17

Instrument :

MSVOA_N

ClientSampleId :

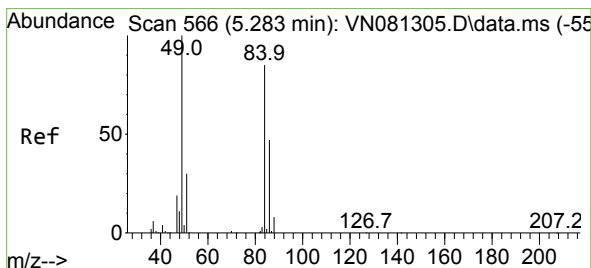
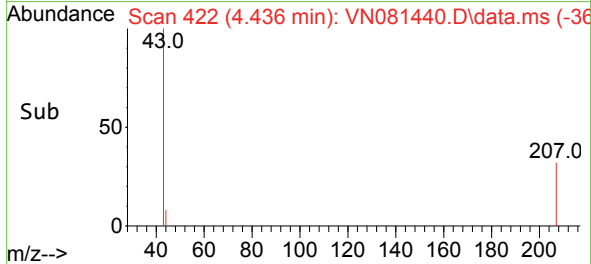
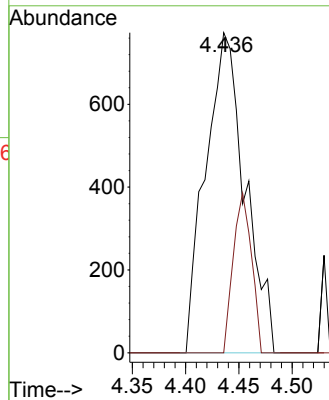
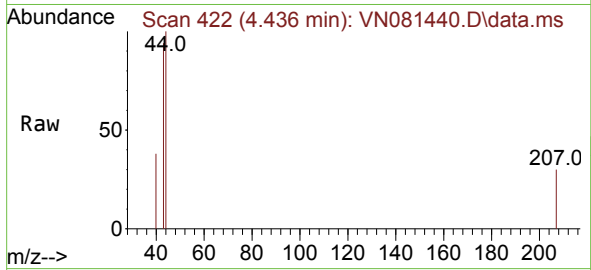
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 43 Resp: 1987

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.271 min Scan# 564

Delta R.T. -0.012 min

Lab File: VN081440.D

Acq: 15 Mar 2024 21:17

Tgt Ion: 84 Resp: 481

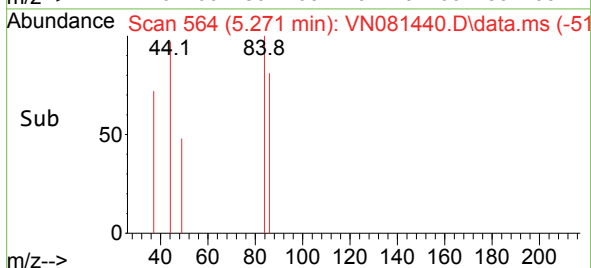
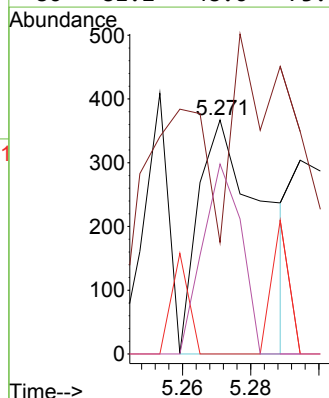
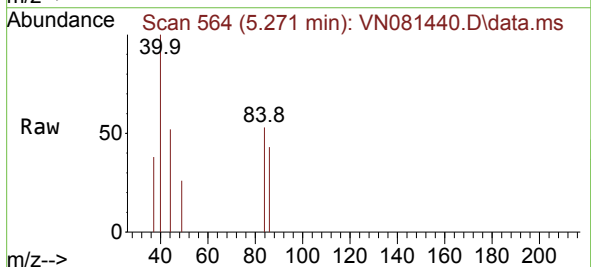
Ion Ratio Lower Upper

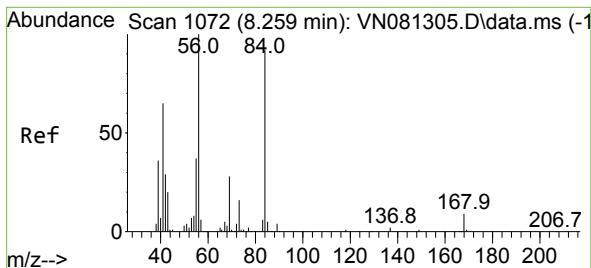
84 100

49 0.0 108.1 162.1#

51 0.0 32.9 49.3#

86 81.2 48.6 73.0#





#31

Cyclohexane

Concen: 1.291 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

Lab File: VN081440.D

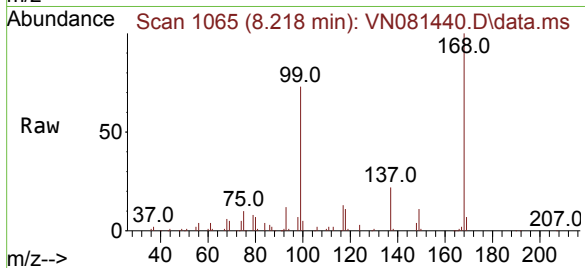
Acq: 15 Mar 2024 21:17

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



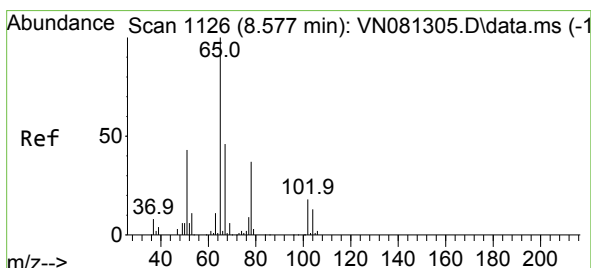
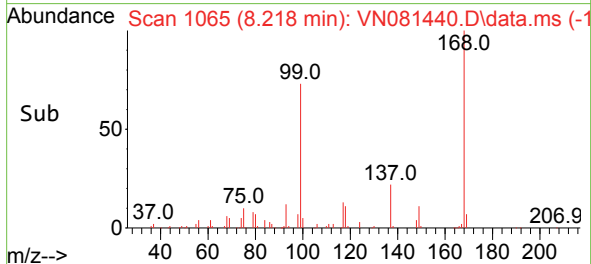
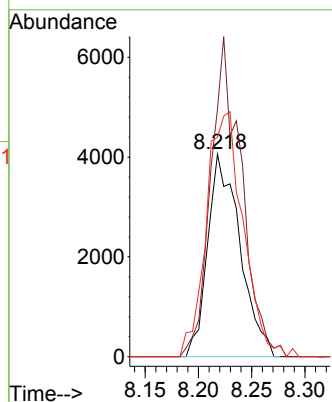
Tgt Ion: 56 Resp: 8553

Ion Ratio Lower Upper

56 100

69 122.2 20.1 30.1#

84 108.4 56.9 85.3#



#33

1,2-Dichloroethane-d4

Concen: 52.635 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081440.D

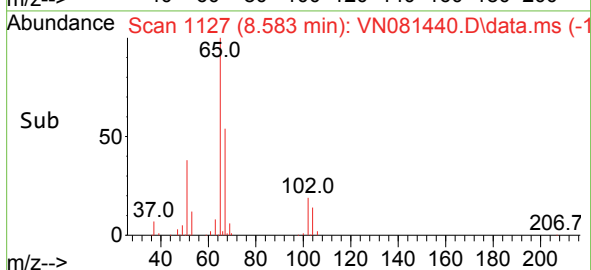
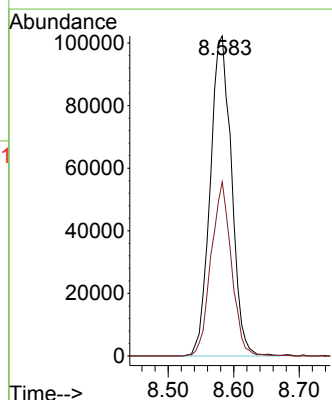
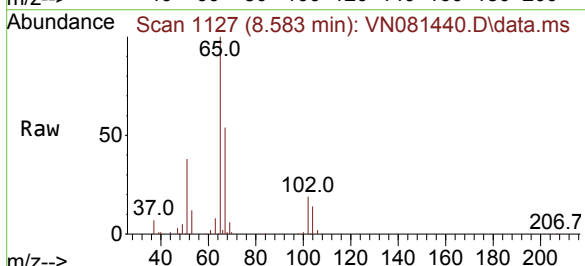
Acq: 15 Mar 2024 21:17

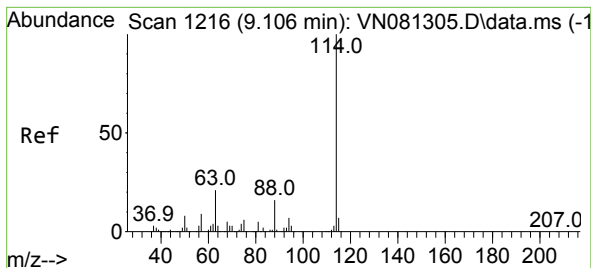
Tgt Ion: 65 Resp: 230343

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081440.D

Acq: 15 Mar 2024 21:17

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

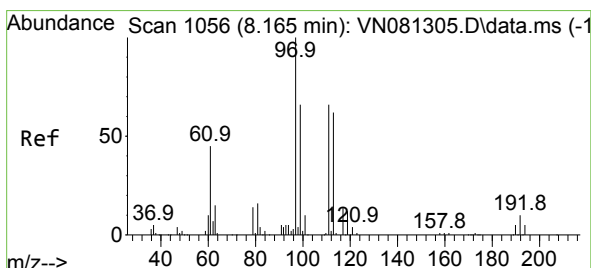
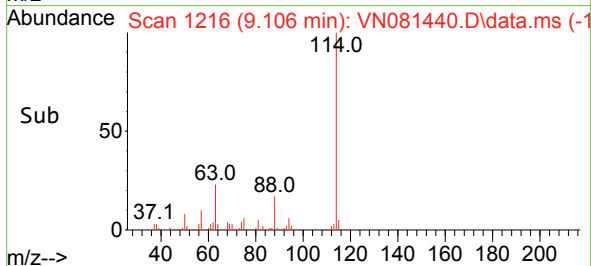
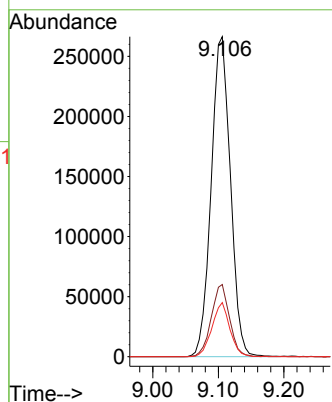
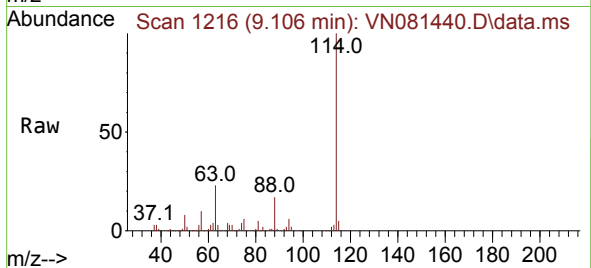
Tgt Ion:114 Resp: 542877

Ion Ratio Lower Upper

114 100

63 22.5 0.0 48.0

88 16.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 54.290 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081440.D

Acq: 15 Mar 2024 21:17

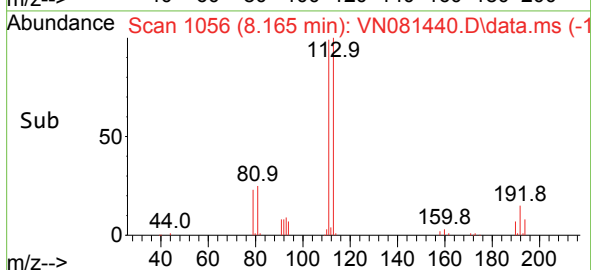
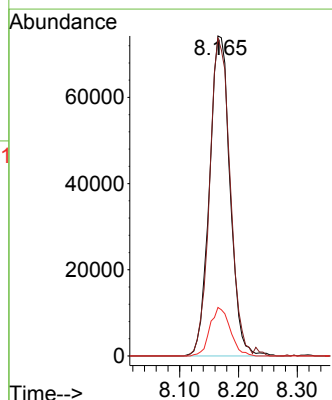
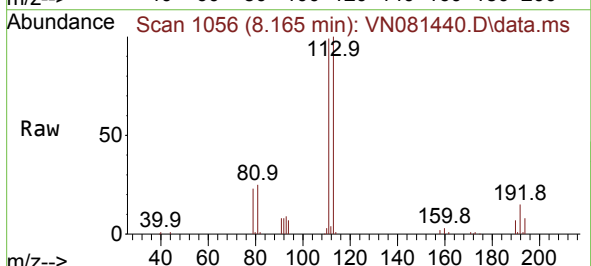
Tgt Ion:113 Resp: 180570

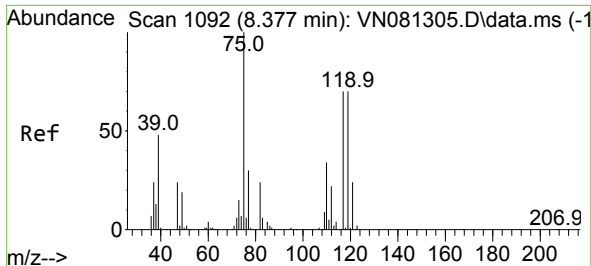
Ion Ratio Lower Upper

113 100

111 99.0 82.2 123.4

192 14.9 12.5 18.7

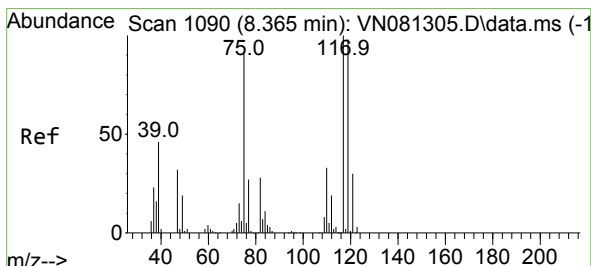
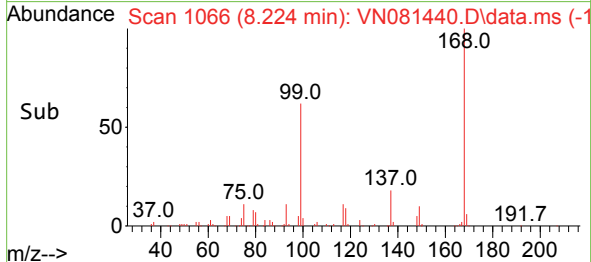
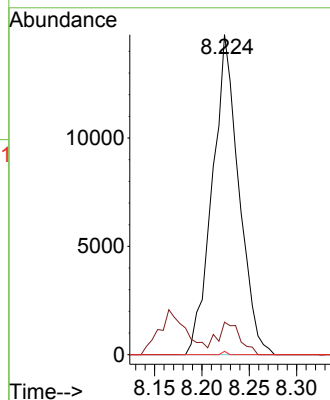
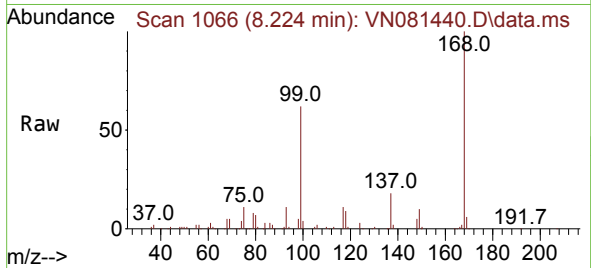




#36
1,1-Dichloropropene
Concen: 5.356 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081440.D
Acq: 15 Mar 2024 21:17

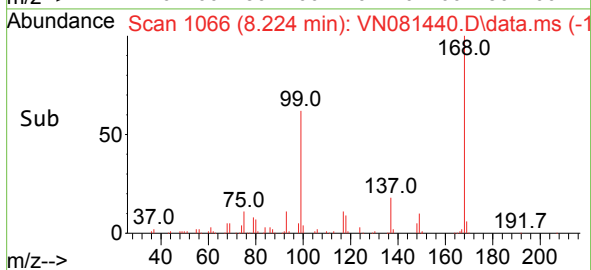
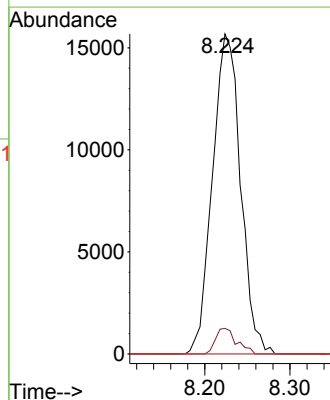
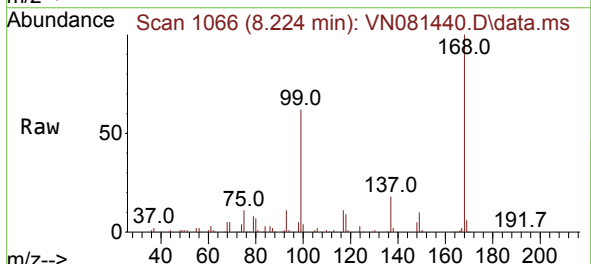
Instrument :
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STORAGE-BLANK-SOIL-REF-6

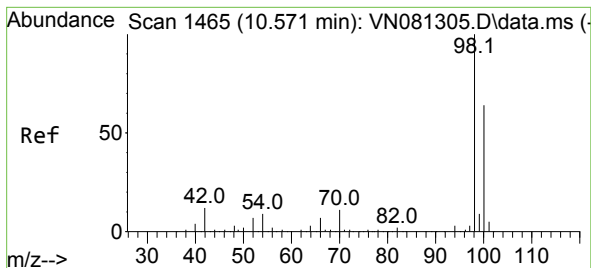
Tgt Ion: 75 Resp: 28741
Ion Ratio Lower Upper
75 100
110 8.7 16.0 48.0#
77 0.2 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.640 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081440.D
Acq: 15 Mar 2024 21:17

Tgt Ion: 117 Resp: 35860
Ion Ratio Lower Upper
117 100
119 8.0 73.4 110.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 52.213 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081440.D

Acq: 15 Mar 2024 21:17

Instrument :

MSVOA_N

ClientSampleId :

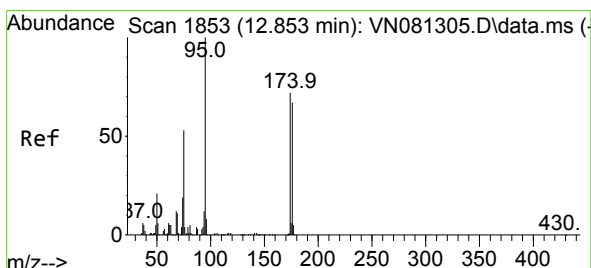
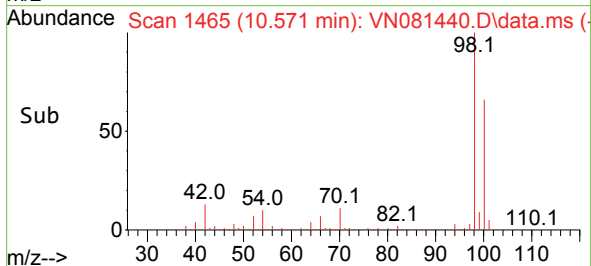
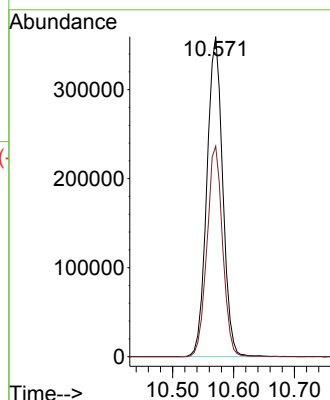
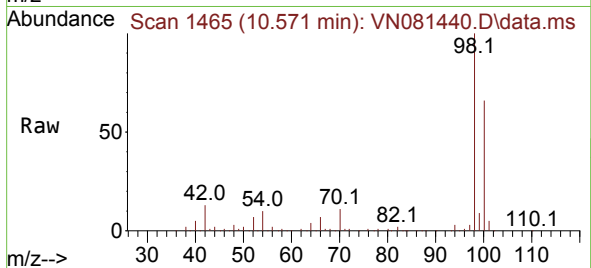
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 649186

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 44.834 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081440.D

Acq: 15 Mar 2024 21:17

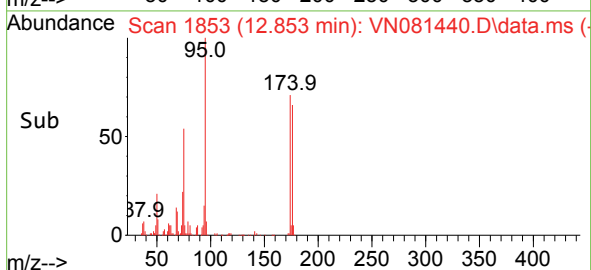
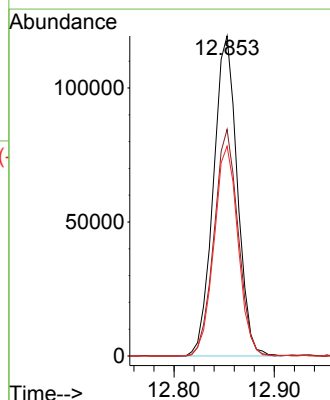
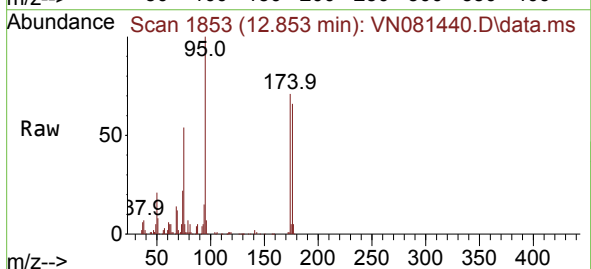
Tgt Ion: 95 Resp: 197023

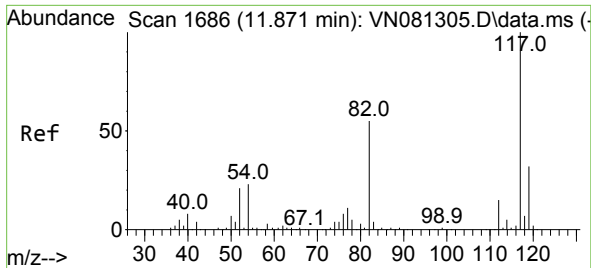
Ion Ratio Lower Upper

95 100

174 71.1 0.0 120.4

176 66.0 0.0 121.0

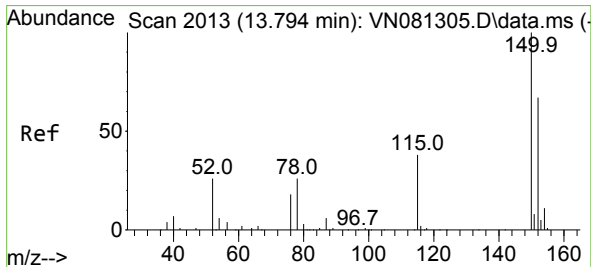
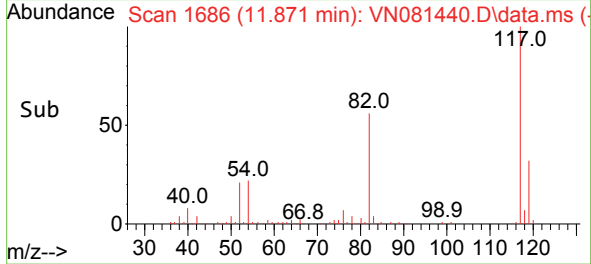
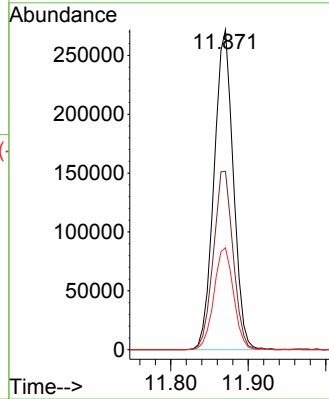
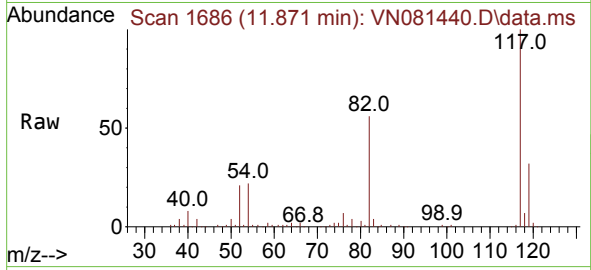




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081440.D
Acq: 15 Mar 2024 21:17

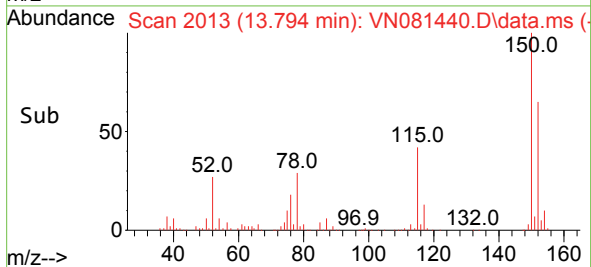
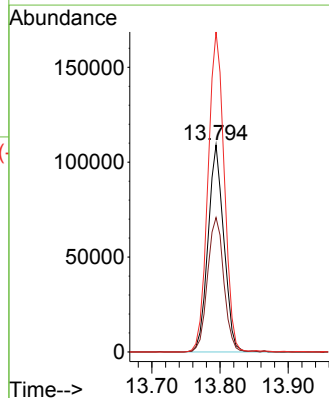
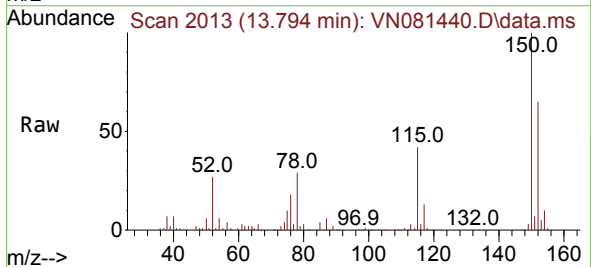
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

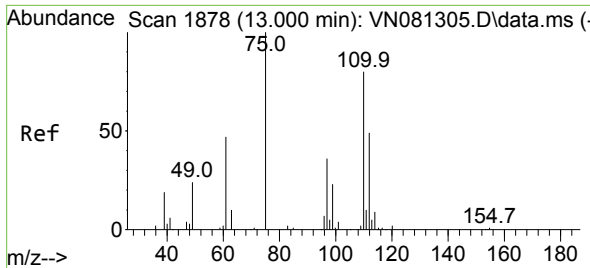
Tgt Ion:117 Resp: 470236
Ion Ratio Lower Upper
117 100
82 55.7 52.7 79.1
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081440.D
Acq: 15 Mar 2024 21:17

Tgt Ion:152 Resp: 176000
Ion Ratio Lower Upper
152 100
115 67.0 32.3 96.8
150 158.6 0.0 339.8

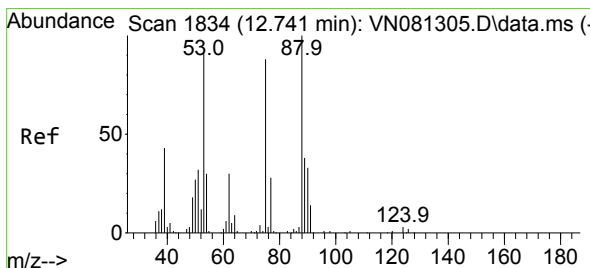
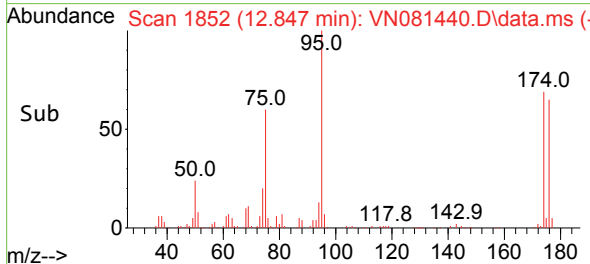
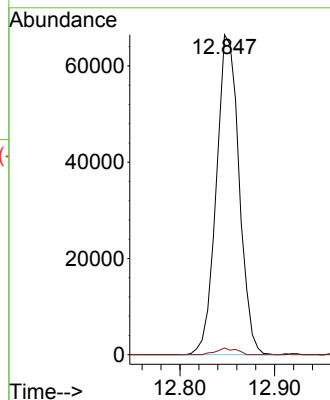
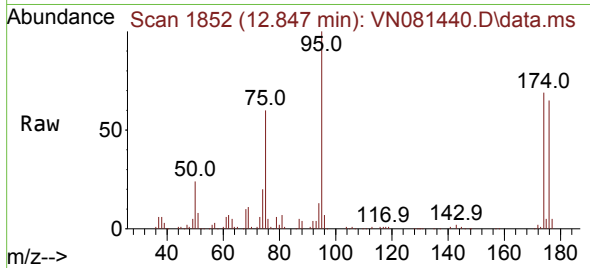




#76
1,2,3-Trichloropropane
Concen: 26.695 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.153 min
Lab File: VN081440.D
Acq: 15 Mar 2024 21:17

Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 110972
Ion Ratio Lower Upper
75 100
77 1.8 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.500 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081440.D
Acq: 15 Mar 2024 21:17

Tgt Ion: 75 Resp: 110972
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.1 33.4 50.0#

