

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081358.D
 Acq On : 11 Mar 2024 13:04
 Operator : JC\MD
 Sample : P1724-01
 Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 13925

Quant Time: Mar 12 04:51:50 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)

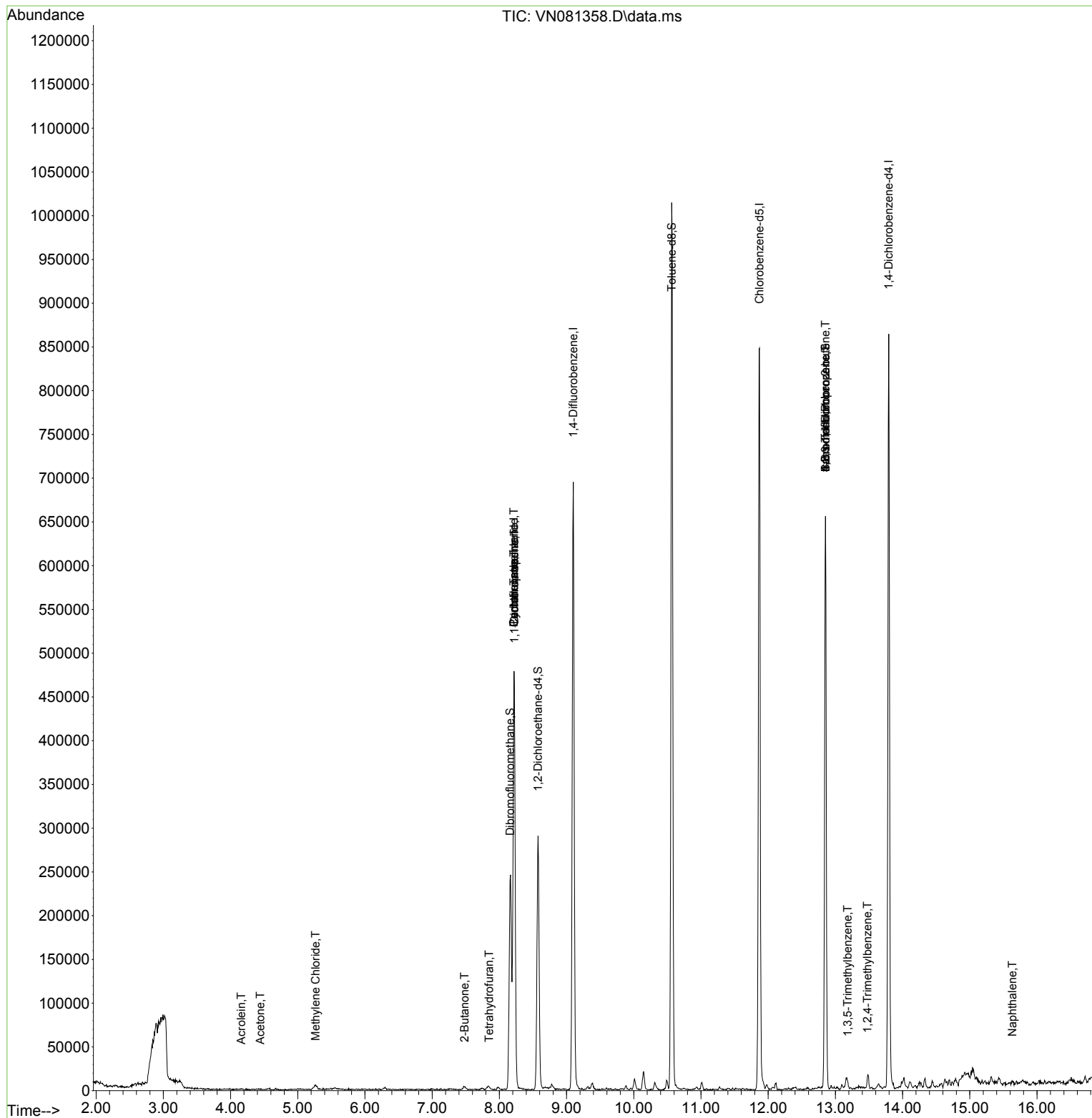
Internal Standards						
1) Pentafluorobenzene	8.218	168	326563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	569364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	478908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	233218	49.392	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.780%
35) Dibromofluoromethane	8.159	113	178969	51.305	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.620%
50) Toluene-d8	10.565	98	679666	52.121	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.240%
62) 4-Bromofluorobenzene	12.853	95	227624	49.388	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.780%
Target Compounds						
					Qvalue	
13) Acrolein	4.159	56	426	0.436	ug/l #	48
16) Acetone	4.442	43	842	0.503	ug/l #	44
20) Methylene Chloride	5.265	84	4301	0.240	ug/l #	52
25) 2-Butanone	7.482	43	2580	0.921	ug/l #	89
29) Tetrahydrofuran	7.847	42	1541	0.807	ug/l #	82
31) Cyclohexane	8.218	56	8530	1.193	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	31174	5.539	ug/l #	50
38) Carbon Tetrachloride	8.218	117	37220	6.571	ug/l #	18
71) Bromoform	12.853	173	1957	0.763	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	119481	23.516	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.182	105	5589	0.389	ug/l	81
81) trans-1,4-Dichloro-2-b...	12.853	75	119481	65.628	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.476	105	9367	0.644	ug/l	83
95) Naphthalene	15.635	128	3776	0.266	ug/l #	74

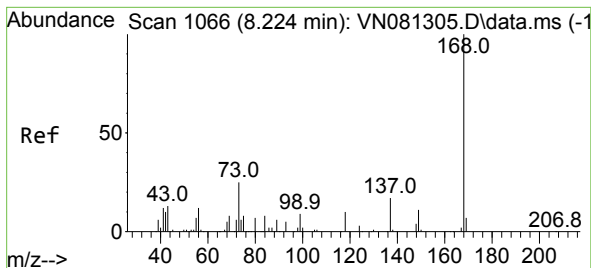
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081358.D

Acq: 11 Mar 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

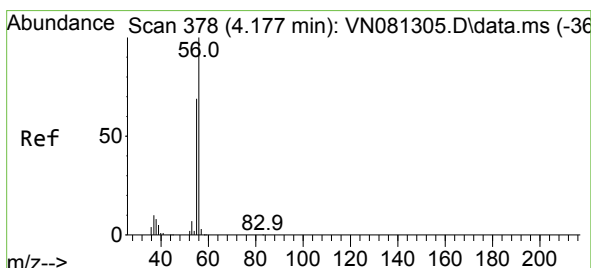
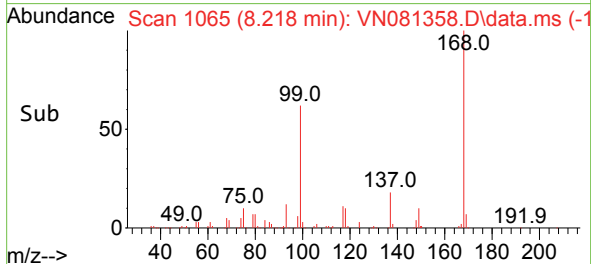
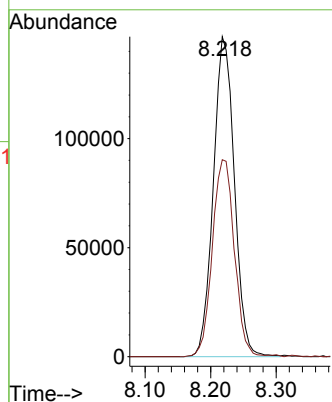
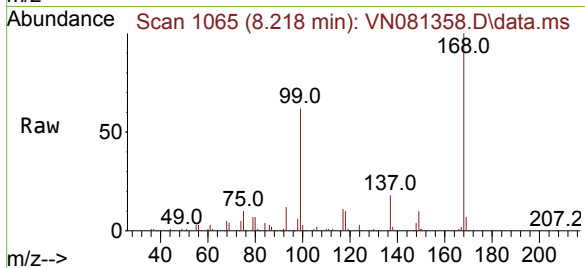
13925

Tgt Ion:168 Resp: 326563

Ion Ratio Lower Upper

168 100

99 61.6 59.9 89.9



#13

Acrolein

Concen: 0.436 ug/l

RT: 4.159 min Scan# 375

Delta R.T. -0.018 min

Lab File: VN081358.D

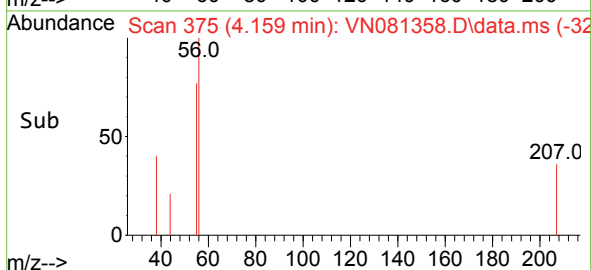
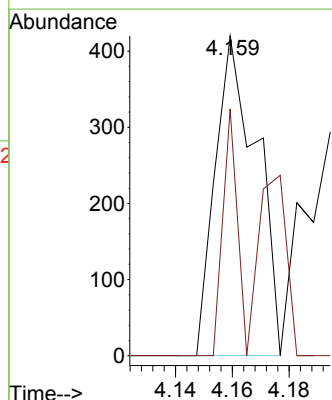
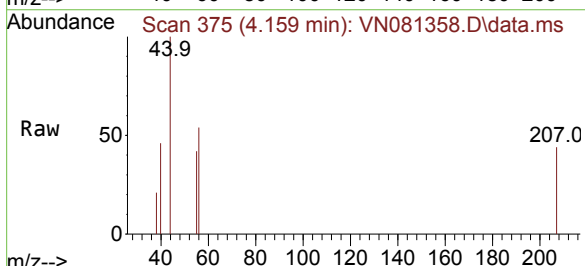
Acq: 11 Mar 2024 13:04

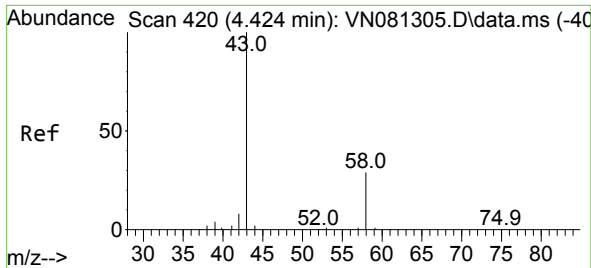
Tgt Ion: 56 Resp: 426

Ion Ratio Lower Upper

56 100

55 26.8 55.3 82.9#





#16

Acetone

Concen: 0.503 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN081358.D

Acq: 11 Mar 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

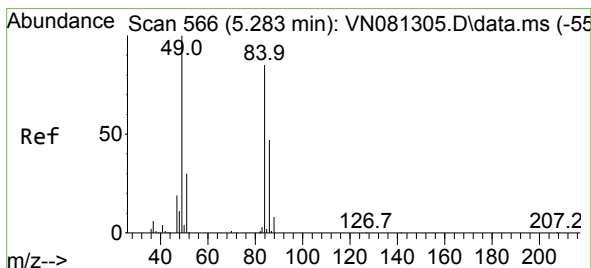
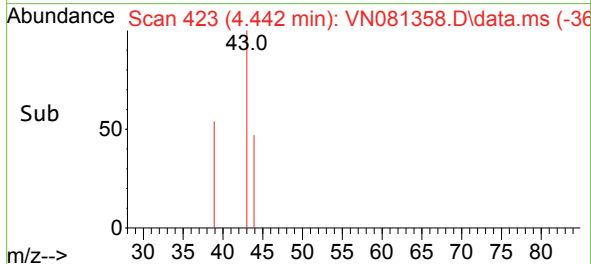
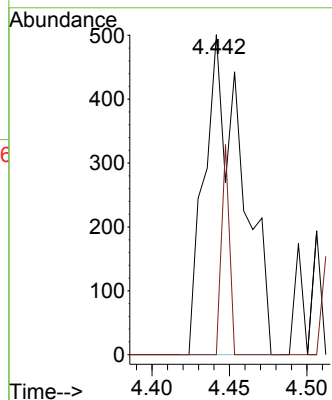
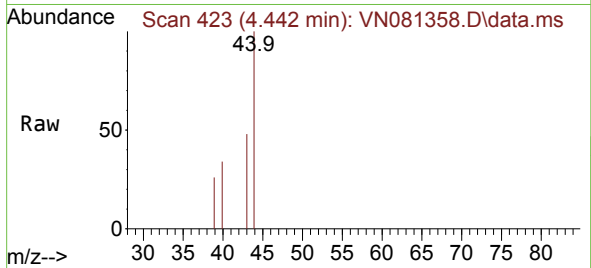
13925

Tgt Ion: 43 Resp: 842

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#20

Methylene Chloride

Concen: 0.240 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.018 min

Lab File: VN081358.D

Acq: 11 Mar 2024 13:04

Tgt Ion: 84 Resp: 4301

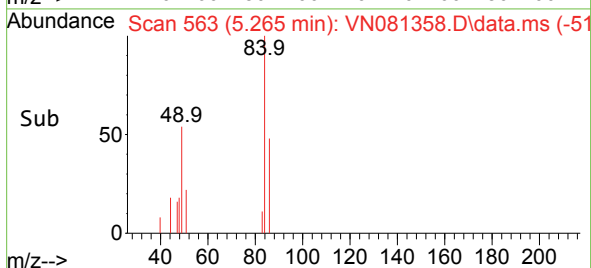
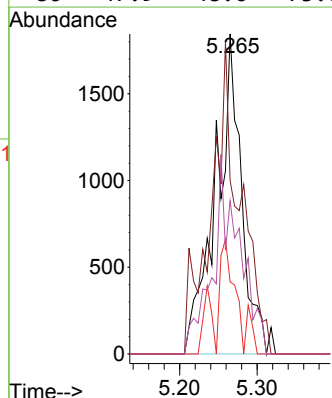
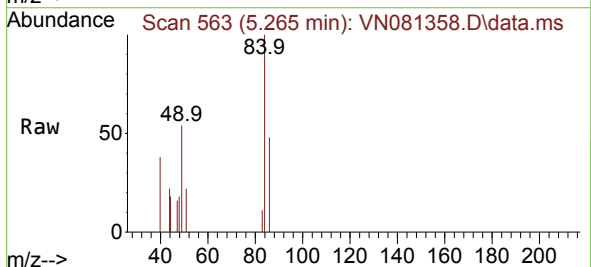
Ion Ratio Lower Upper

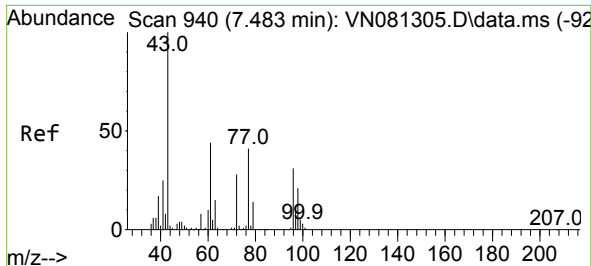
84 100

49 54.1 108.1 162.1#

51 22.5 32.9 49.3#

86 47.9 48.6 73.0#





#25

2-Butanone

Concen: 0.921 ug/l

RT: 7.482 min Scan# 94

Delta R.T. -0.000 min

Lab File: VN081358.D

Acq: 11 Mar 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

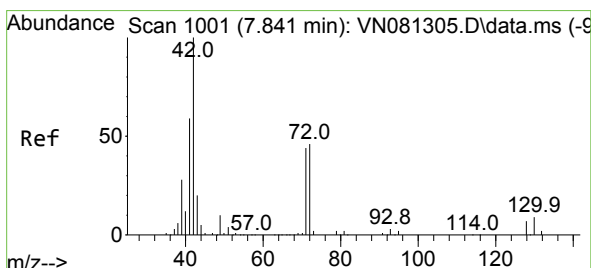
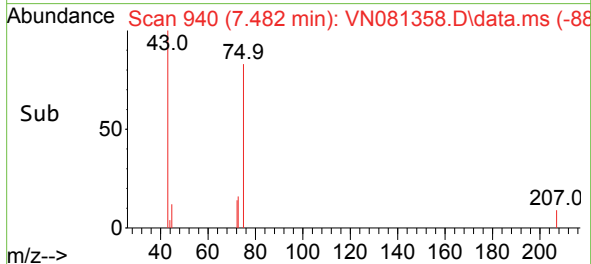
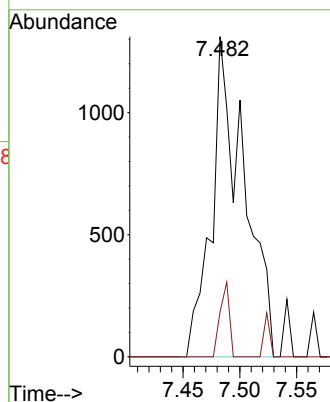
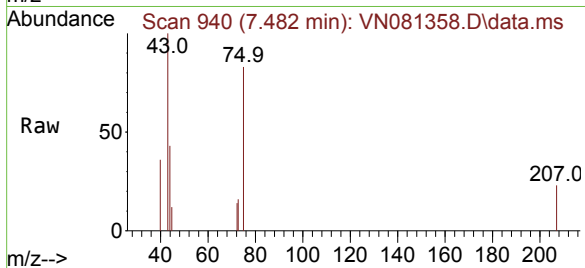
13925

Tgt Ion: 43 Resp: 2580

Ion Ratio Lower Upper

43 100

72 30.1 19.5 29.3#



#29

Tetrahydrofuran

Concen: 0.807 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VN081358.D

Acq: 11 Mar 2024 13:04

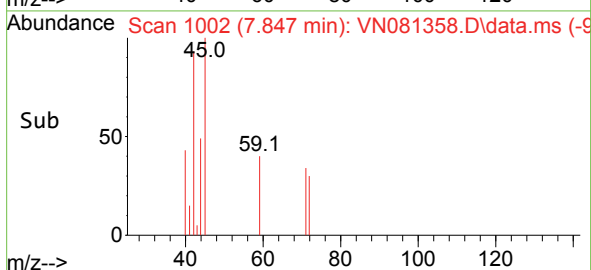
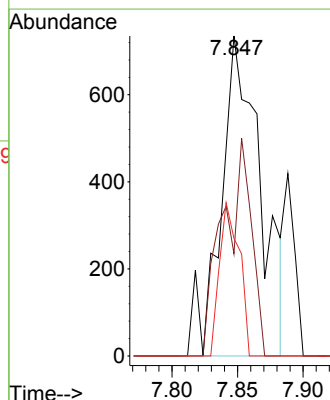
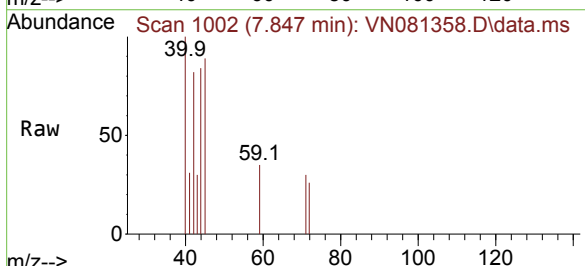
Tgt Ion: 42 Resp: 1541

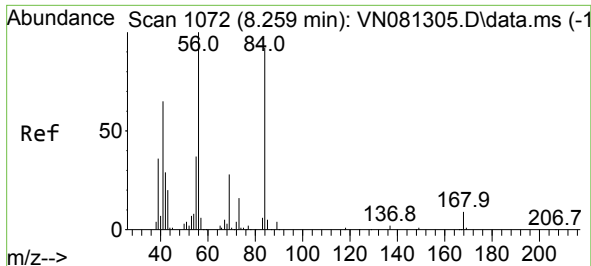
Ion Ratio Lower Upper

42 100

72 48.7 31.1 46.7#

71 23.9 28.3 42.5#

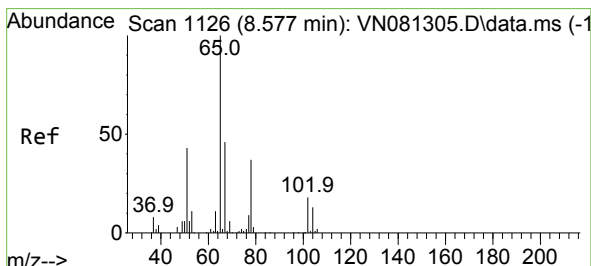
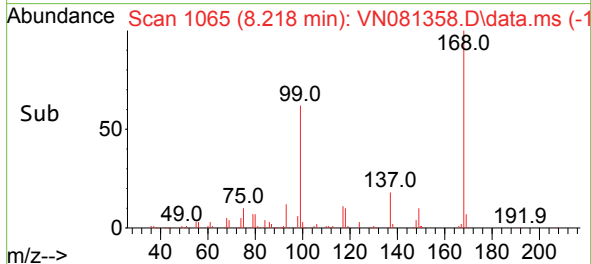
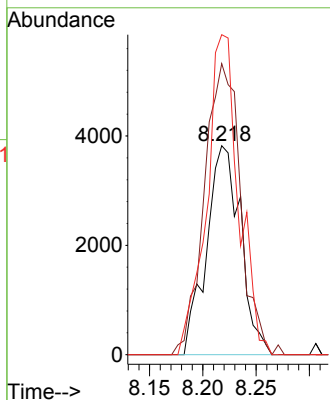
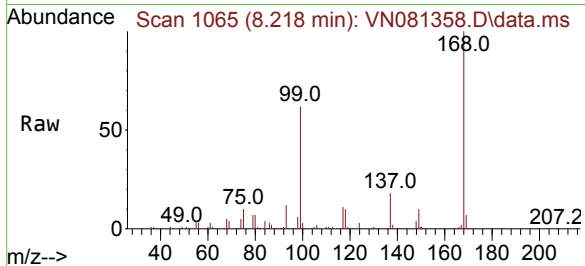




#31
Cyclohexane
Concen: 1.193 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081358.D
Acq: 11 Mar 2024 13:04

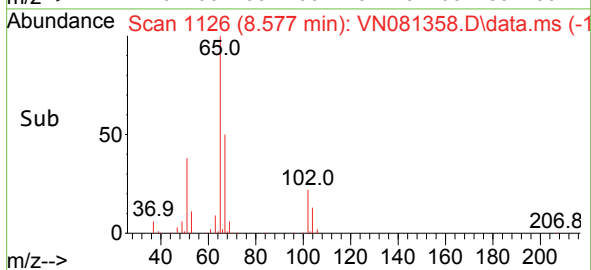
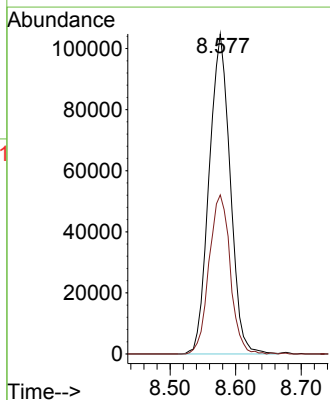
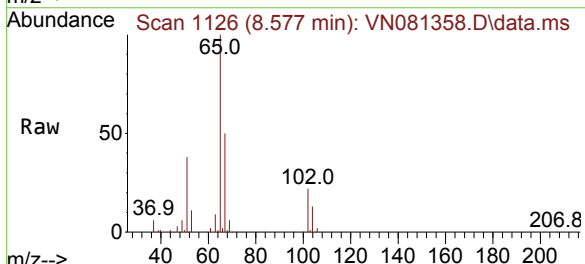
Instrument :
MSVOA_N
ClientSampleId :
13925

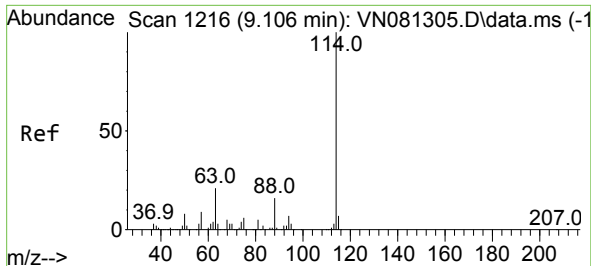
Tgt Ion: 56 Resp: 8530
Ion Ratio Lower Upper
56 100
69 134.6 20.1 30.1#
84 153.1 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 49.392 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081358.D
Acq: 11 Mar 2024 13:04

Tgt Ion: 65 Resp: 233218
Ion Ratio Lower Upper
65 100
67 50.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081358.D

Acq: 11 Mar 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

13925

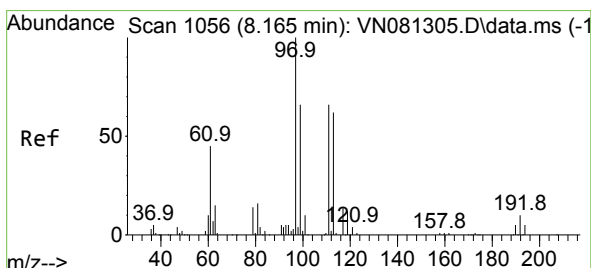
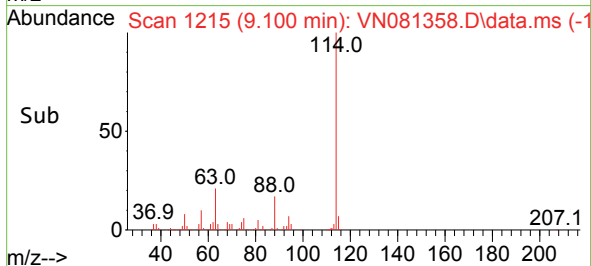
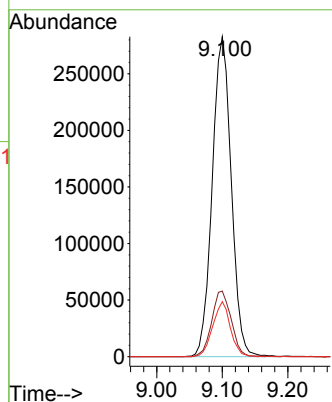
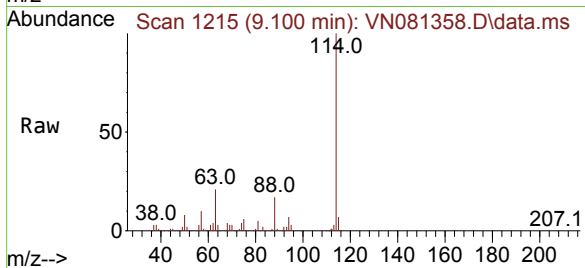
Tgt Ion:114 Resp: 569364

Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 17.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.305 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN081358.D

Acq: 11 Mar 2024 13:04

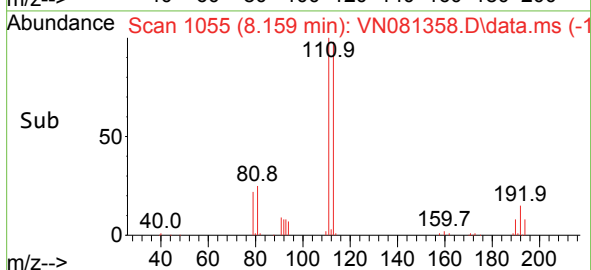
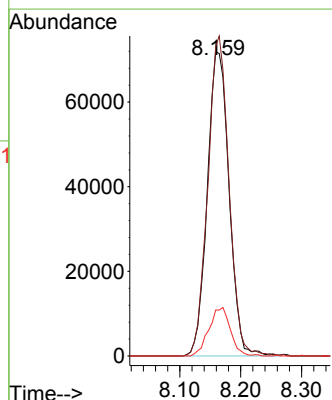
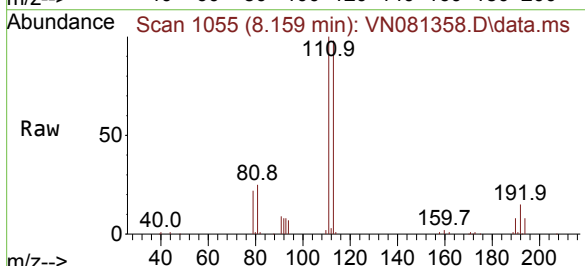
Tgt Ion:113 Resp: 178969

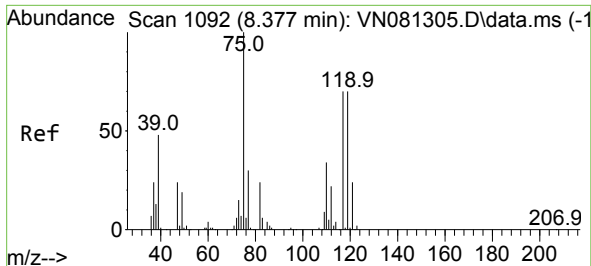
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 15.7 12.5 18.7

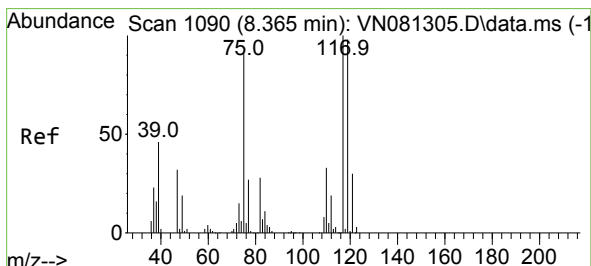
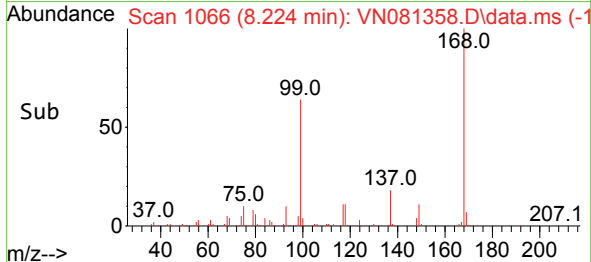
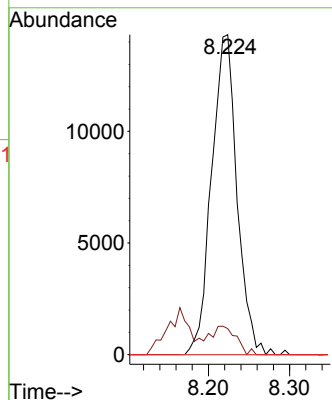
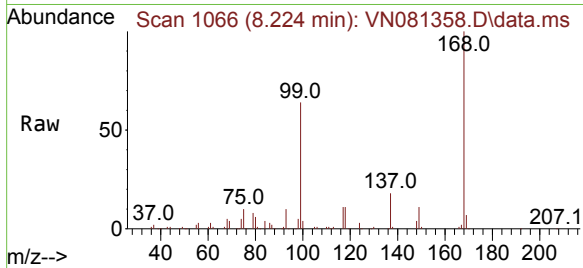




#36
1,1-Dichloropropene
Concen: 5.539 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081358.D
Acq: 11 Mar 2024 13:04

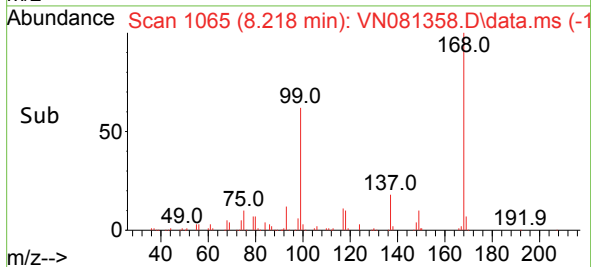
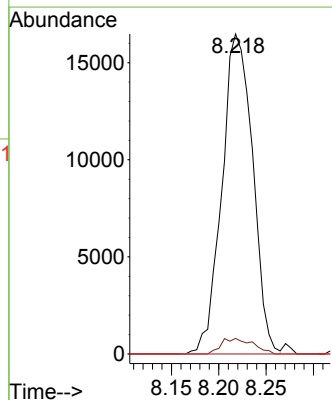
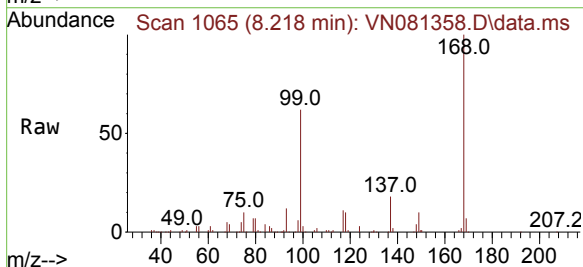
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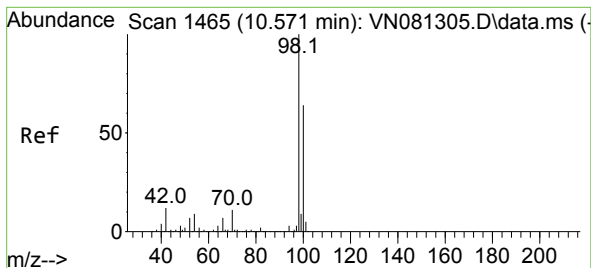
Tgt Ion: 75 Resp: 31174
Ion Ratio Lower Upper
75 100
110 8.8 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.571 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN081358.D
Acq: 11 Mar 2024 13:04

Tgt Ion: 117 Resp: 37220
Ion Ratio Lower Upper
117 100
119 4.8 73.4 110.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 52.121 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081358.D

Acq: 11 Mar 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

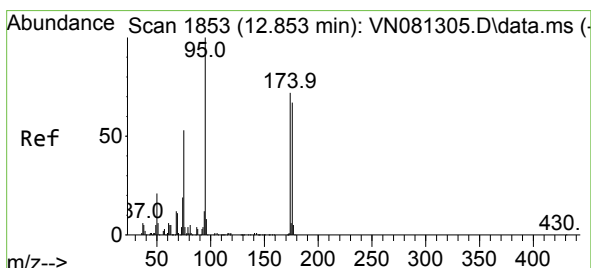
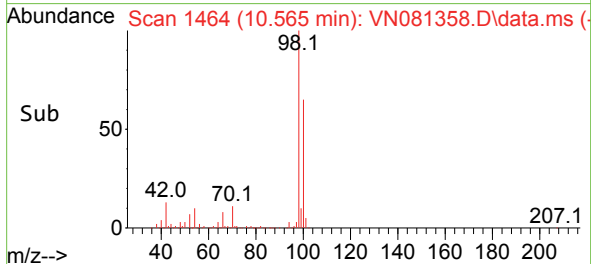
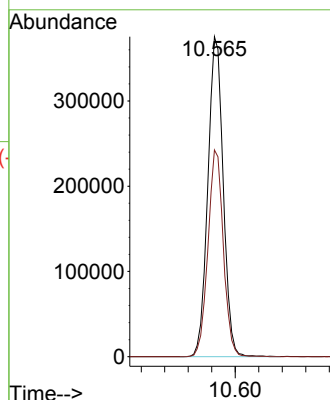
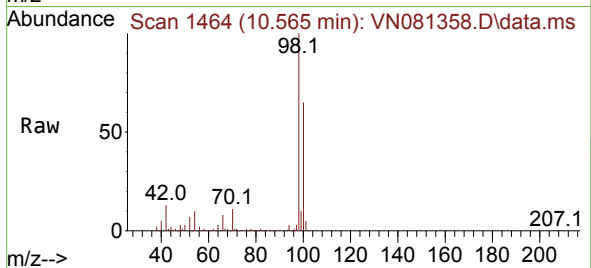
13925

Tgt Ion: 98 Resp: 679666

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 49.388 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN081358.D

Acq: 11 Mar 2024 13:04

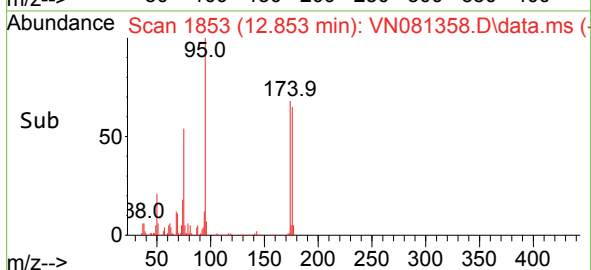
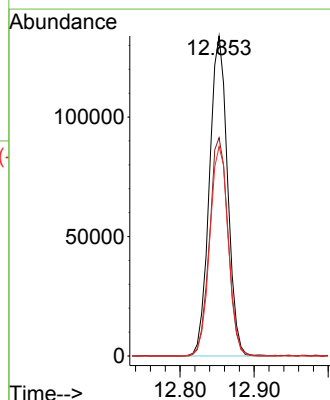
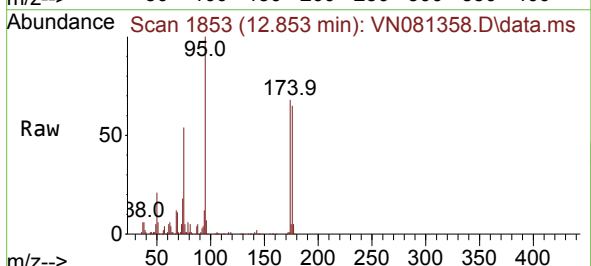
Tgt Ion: 95 Resp: 227624

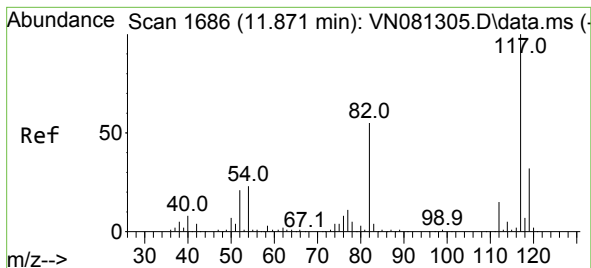
Ion Ratio Lower Upper

95 100

174 69.1 0.0 120.4

176 66.8 0.0 121.0

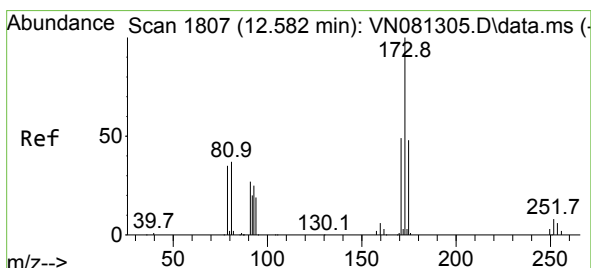
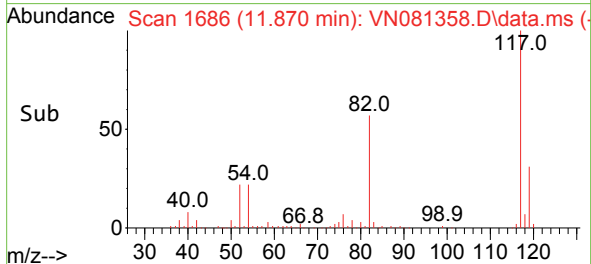
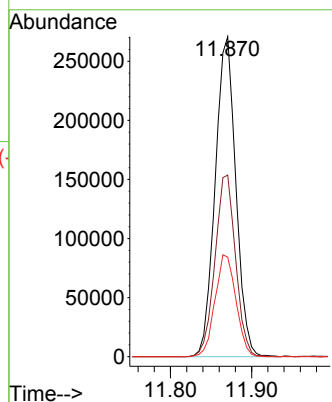
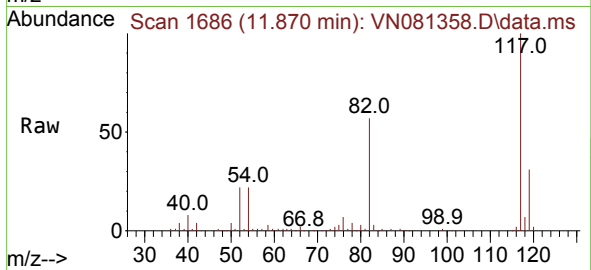




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081358.D
Acq: 11 Mar 2024 13:04

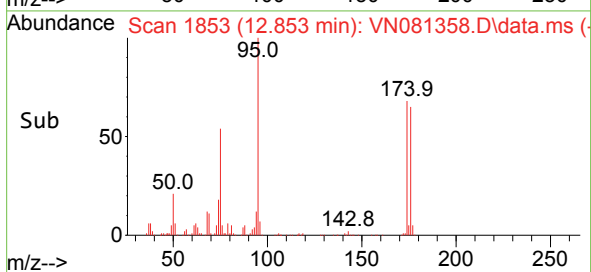
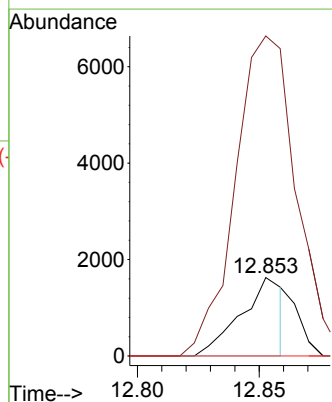
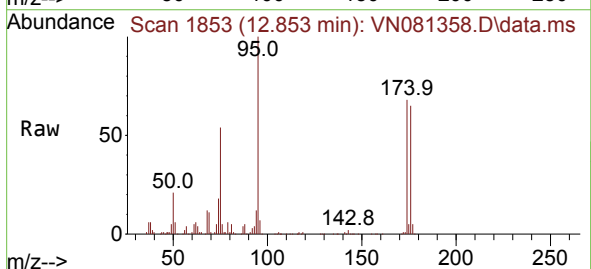
Instrument :
MSVOA_N
ClientSampleId :
13925

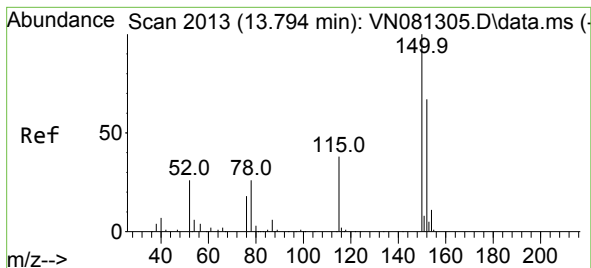
Tgt Ion:117 Resp: 478908
Ion Ratio Lower Upper
117 100
82 56.8 52.7 79.1
119 31.1 25.3 37.9



#71
Bromoform
Concen: 0.763 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN081358.D
Acq: 11 Mar 2024 13:04

Tgt Ion:173 Resp: 1957
Ion Ratio Lower Upper
173 100
175 467.8 23.1 69.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081358.D

Acq: 11 Mar 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

13925

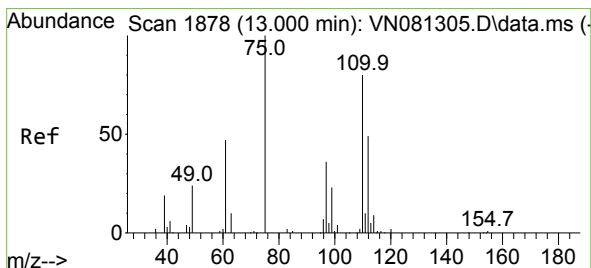
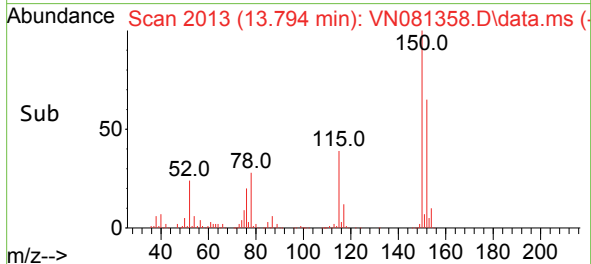
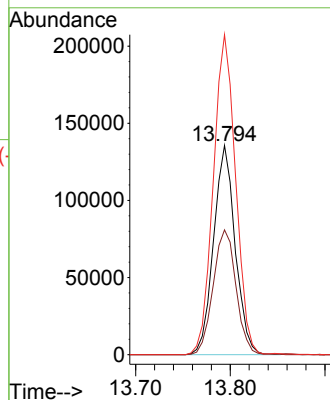
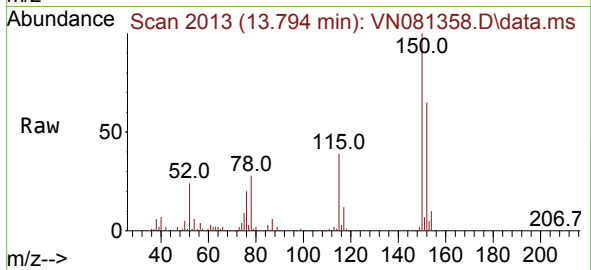
Tgt Ion:152 Resp: 215114

Ion Ratio Lower Upper

152 100

115 63.1 32.3 96.8

150 157.5 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 23.516 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081358.D

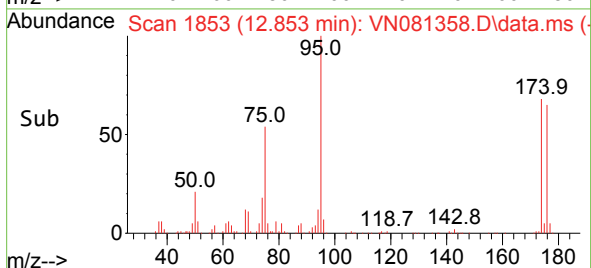
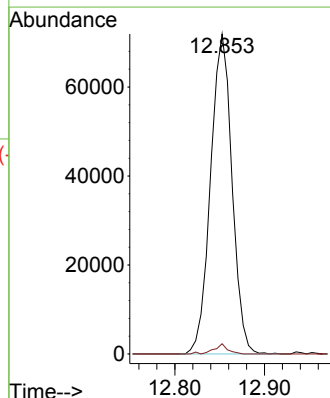
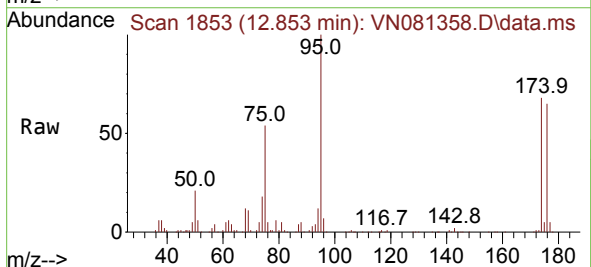
Acq: 11 Mar 2024 13:04

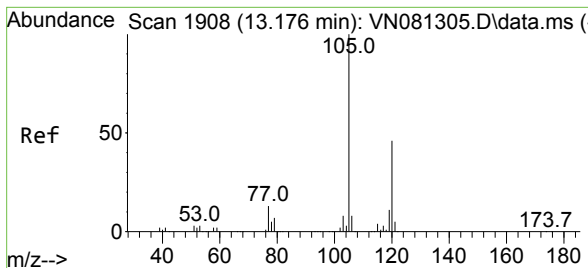
Tgt Ion: 75 Resp: 119481

Ion Ratio Lower Upper

75 100

77 2.0 91.0 272.8#





#80

1,3,5-Trimethylbenzene

Concen: 0.389 ug/l

RT: 13.182 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VN081358.D

Acq: 11 Mar 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

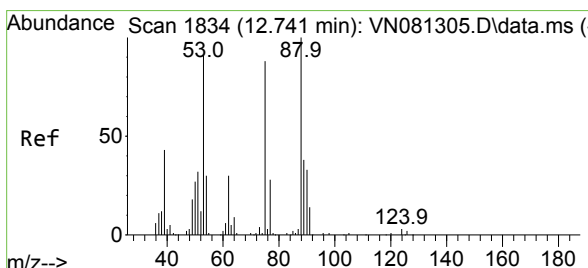
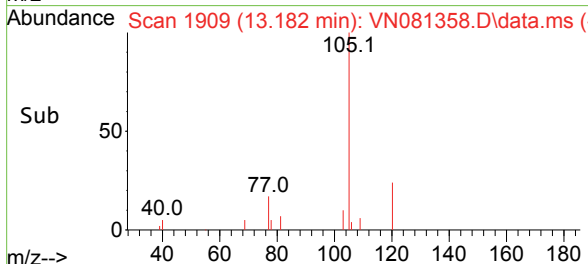
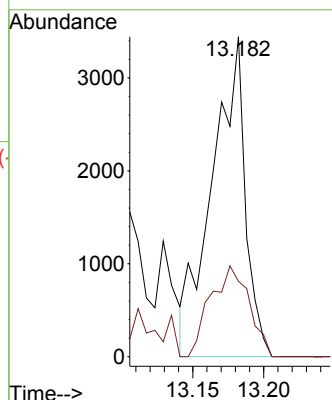
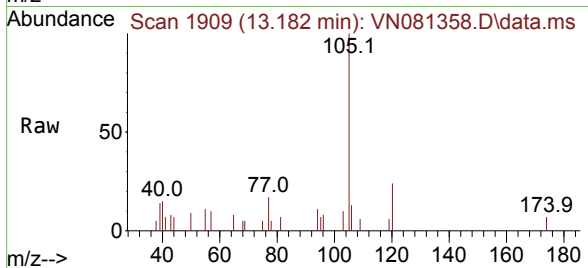
13925

Tgt Ion:105 Resp: 5589

Ion Ratio Lower Upper

105 100

120 33.1 23.0 69.0



#81

trans-1,4-Dichloro-2-butene

Concen: 65.628 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081358.D

Acq: 11 Mar 2024 13:04

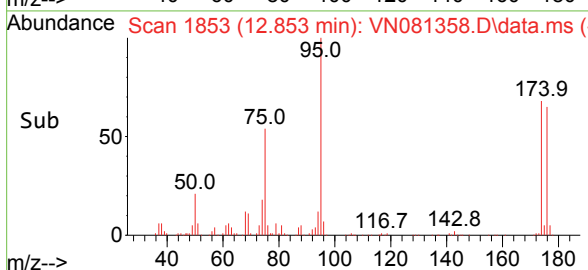
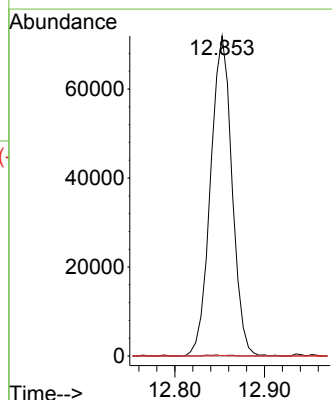
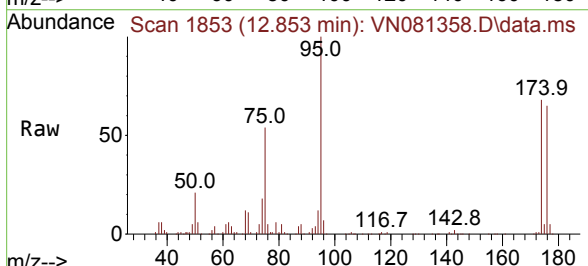
Tgt Ion: 75 Resp: 119481

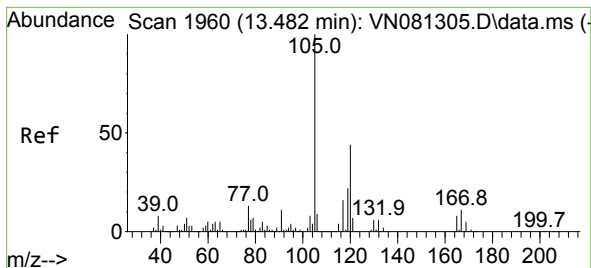
Ion Ratio Lower Upper

75 100

53 0.2 71.4 107.2#

89 0.0 33.4 50.0#





#84

1,2,4-Trimethylbenzene

Concen: 0.644 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN081358.D

Acq: 11 Mar 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

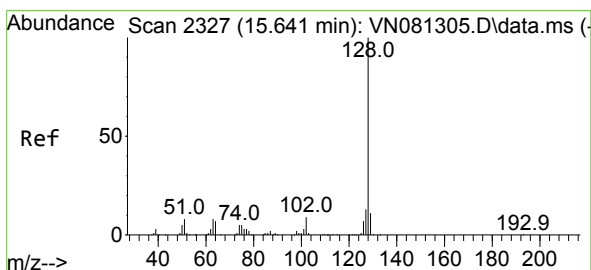
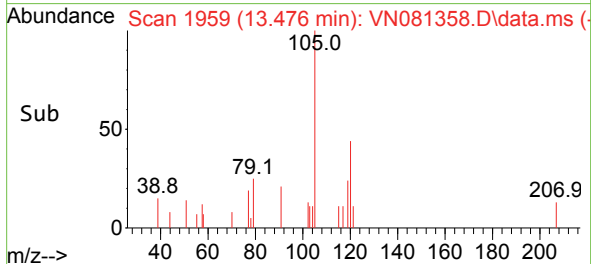
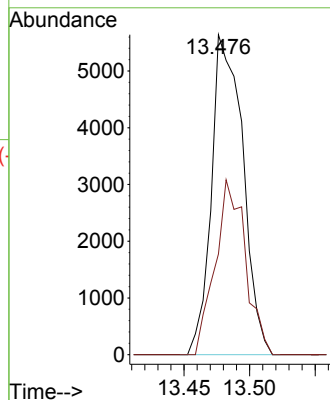
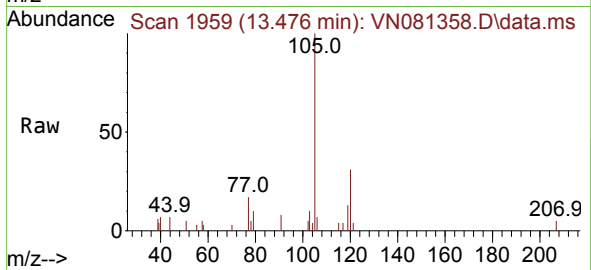
13925

Tgt Ion:105 Resp: 9367

Ion Ratio Lower Upper

105 100

120 52.7 20.9 62.7



#95

Naphthalene

Concen: 0.266 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN081358.D

Acq: 11 Mar 2024 13:04

Tgt Ion:128 Resp: 3776

Ion Ratio Lower Upper

128 100

127 1.5 10.0 15.0#

129 1.8 8.7 13.1#

