

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081526.D
 Acq On : 21 Mar 2024 17:48
 Operator : JC\MD
 Sample : P1798-09 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-9

Quant Time: Mar 22 05:10:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

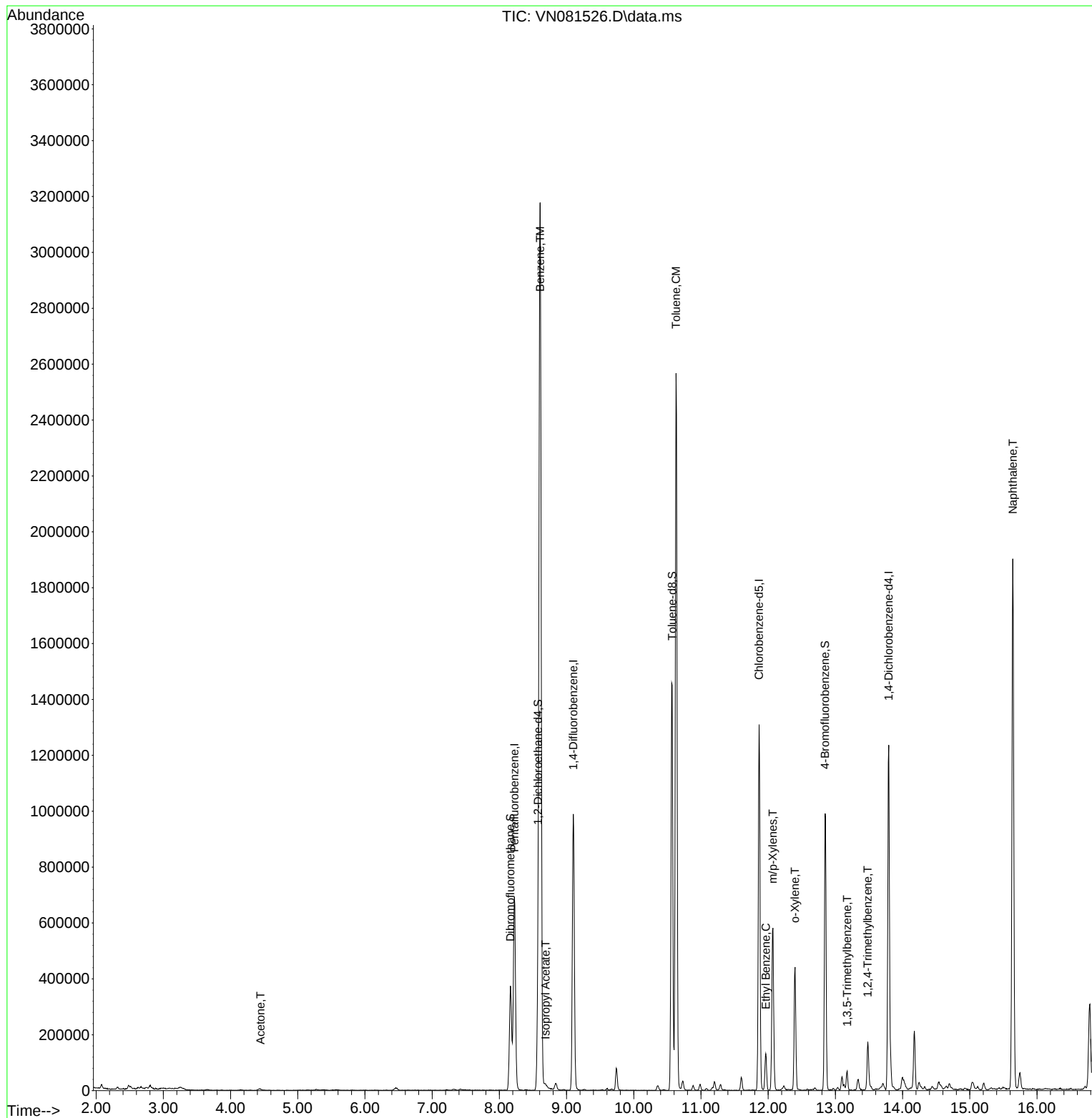
Internal Standards						
1) Pentafluorobenzene	8.224	168	506510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	900157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	777823	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	329527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	318960	49.380	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.760%		
35) Dibromofluoromethane	8.165	113	268238	47.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.440%		
50) Toluene-d8	10.571	98	1039658	50.627	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.260%		
62) 4-Bromofluorobenzene	12.847	95	341971	47.260	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	94.520%		
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	12019	5.758	ug/l	91
40) Benzene	8.606	78	3332139	119.217	ug/l	96
43) Isopropyl Acetate	8.688	43	18395	1.356	ug/l	# 84
52) Toluene	10.629	92	1154111	64.965	ug/l	98
67) Ethyl Benzene	11.965	91	95798	2.999	ug/l	94
68) m/p-Xylenes	12.071	106	189066	15.790	ug/l	97
69) o-Xylene	12.400	106	119824	10.193	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	33939	1.463	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	100632	4.316	ug/l	97
95) Naphthalene	15.641	128	1777308	77.308	ug/l	99

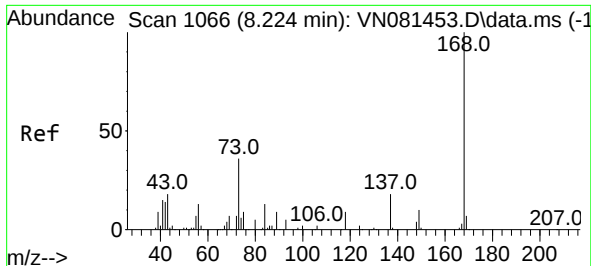
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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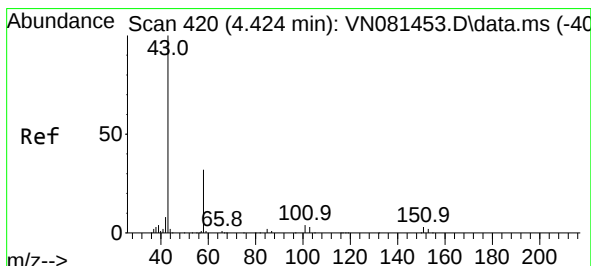
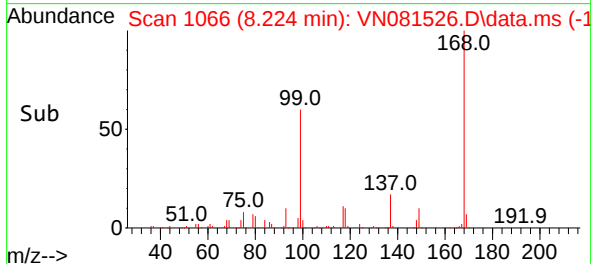
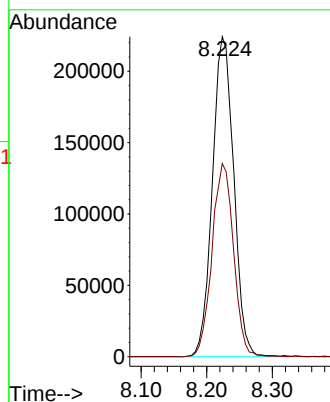
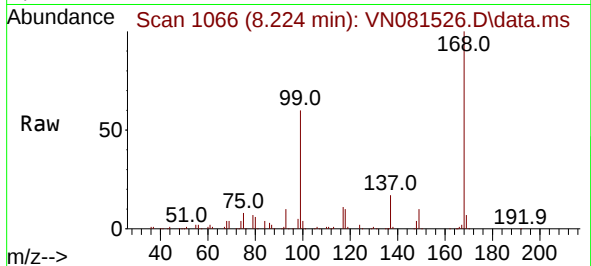




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

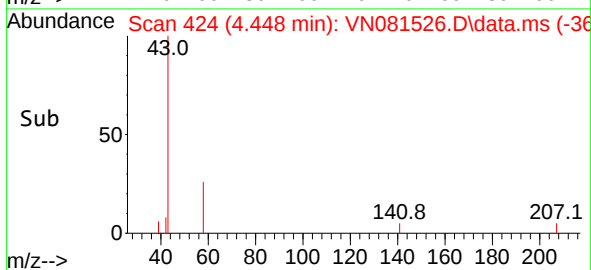
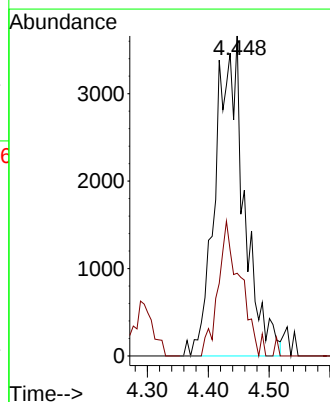
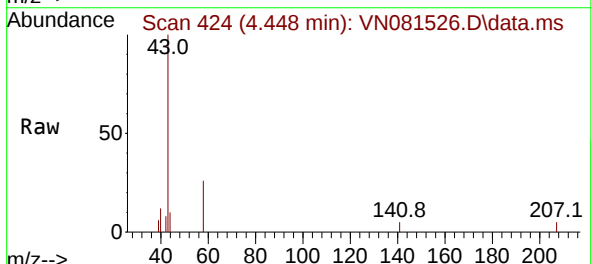
Instrument :
MSVOA_N
ClientSampleId :
S-9

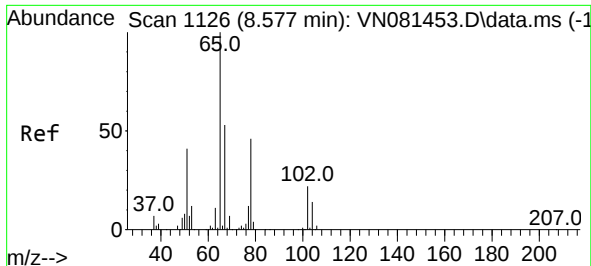
Tgt Ion:168 Resp: 506510
Ion Ratio Lower Upper
168 100
99 60.3 59.9 89.9



#16
Acetone
Concen: 5.758 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion: 43 Resp: 12019
Ion Ratio Lower Upper
43 100
58 25.8 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 49.380 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

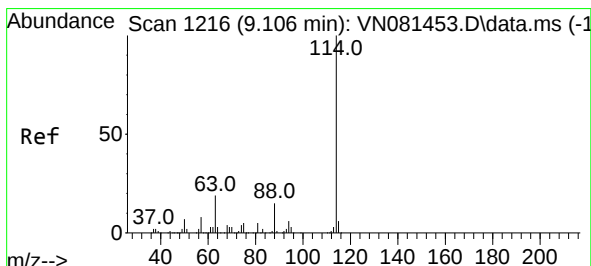
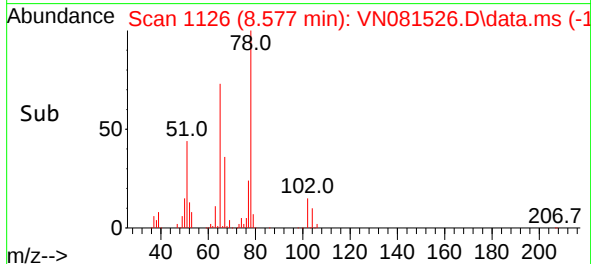
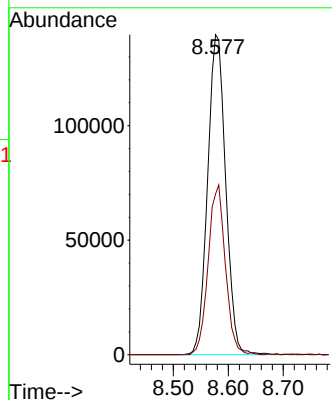
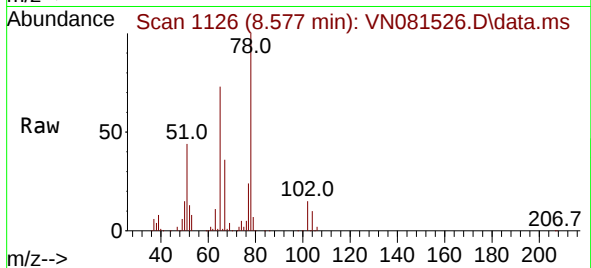
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Tgt Ion: 65 Resp: 318960

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

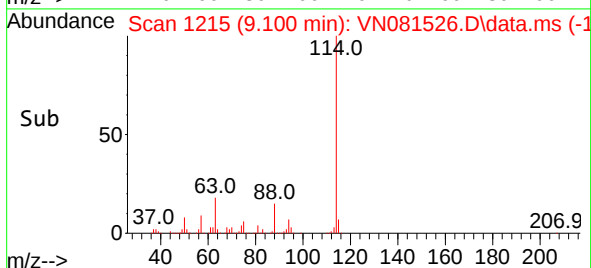
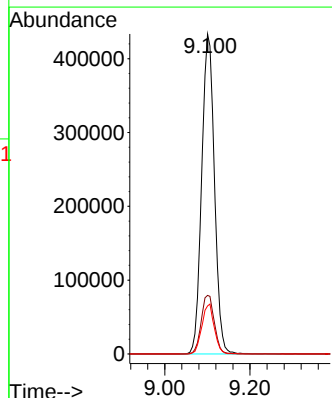
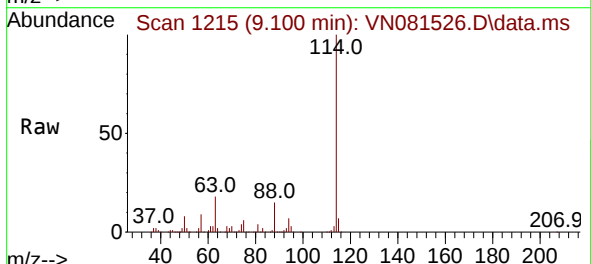
Tgt Ion: 114 Resp: 900157

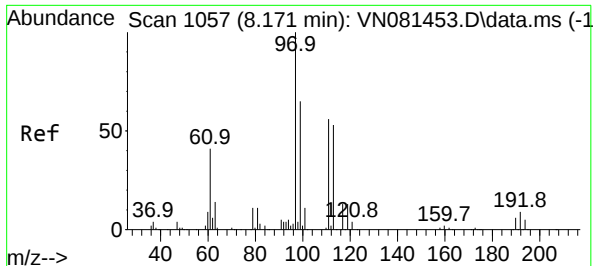
Ion Ratio Lower Upper

114 100

63 18.3 0.0 48.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.217 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

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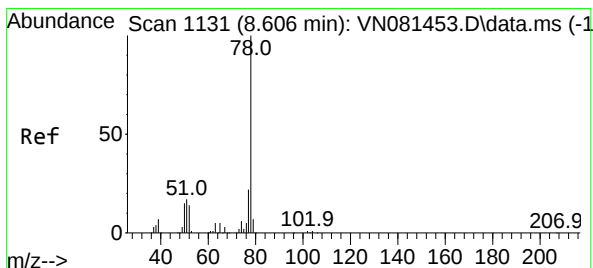
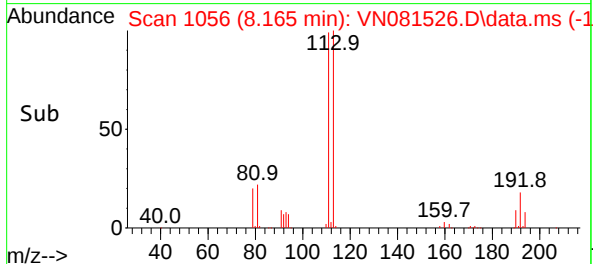
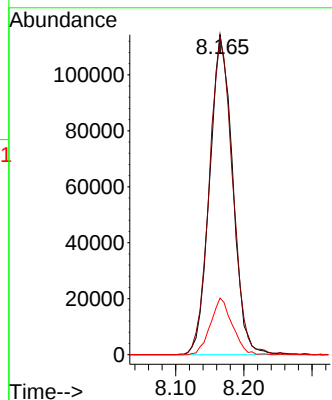
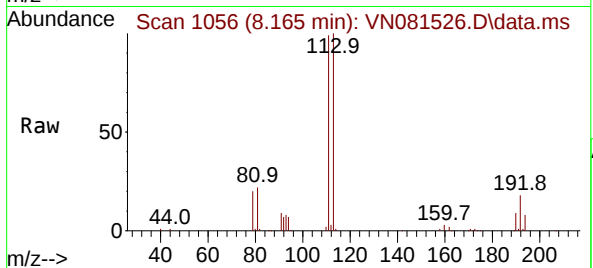
Tgt Ion:113 Resp: 268238

Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

192 16.7 12.5 18.7



#40

Benzene

Concen: 119.217 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081526.D

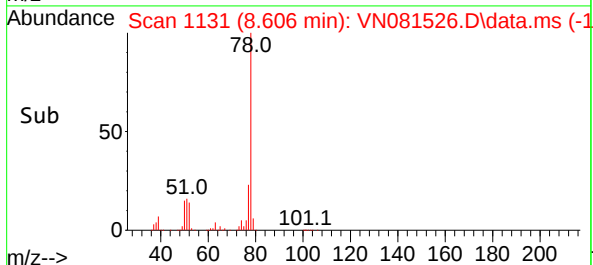
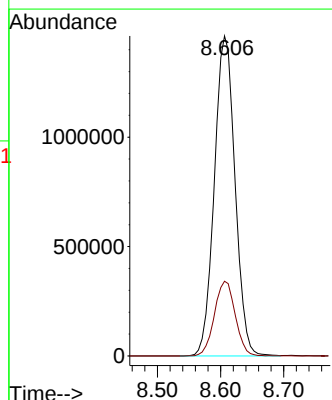
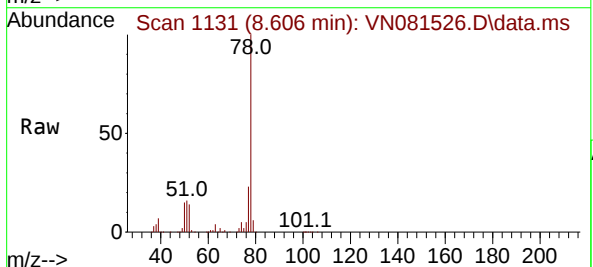
Acq: 21 Mar 2024 17:48

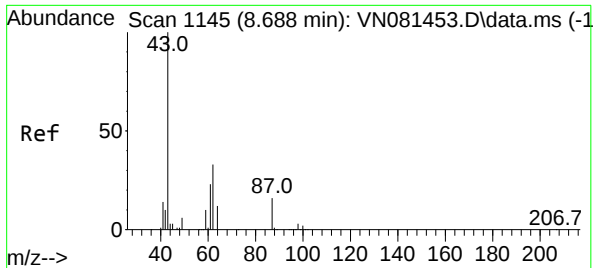
Tgt Ion: 78 Resp: 3332139

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6

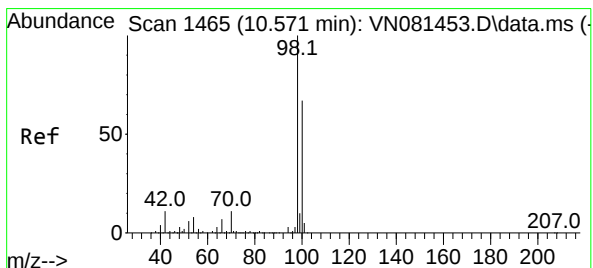
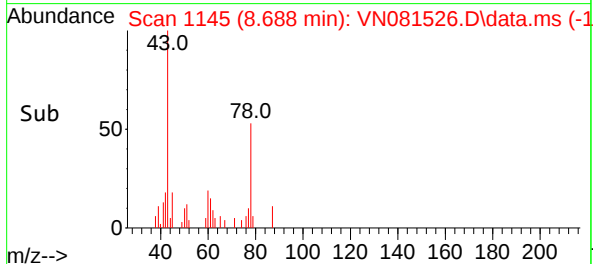
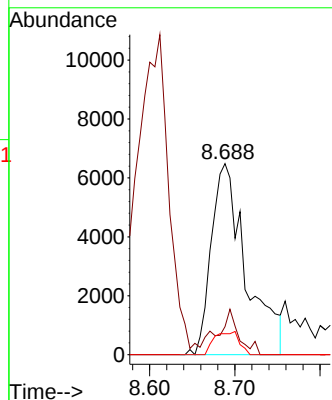
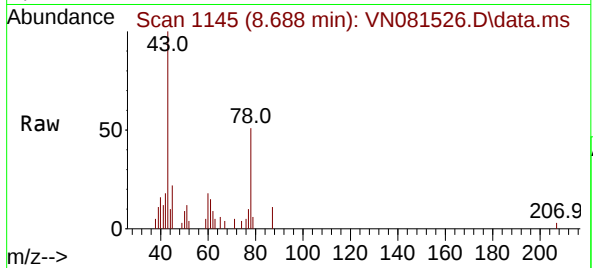




#43
Isopropyl Acetate
Concen: 1.356 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

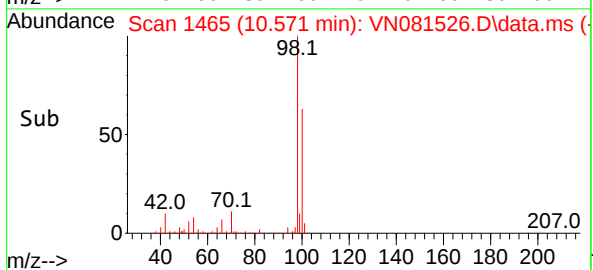
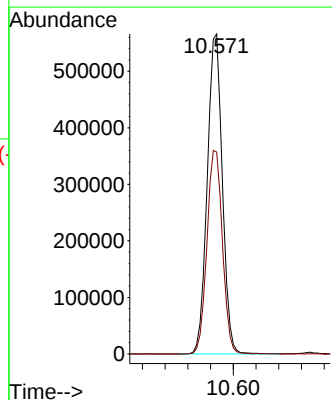
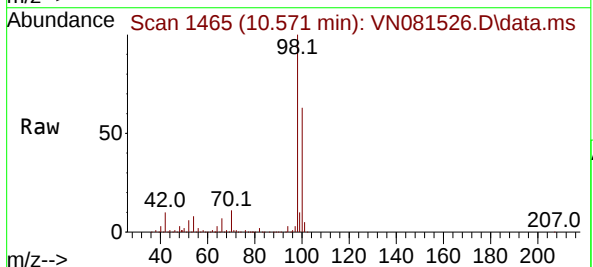
Instrument :
MSVOA_N
ClientSampleId :
S-9

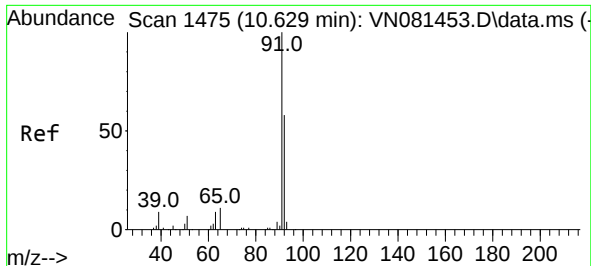
Tgt Ion: 43 Resp: 18395
Ion Ratio Lower Upper
43 100
61 14.6 19.9 29.9#
87 8.6 9.0 13.6#



#50
Toluene-d8
Concen: 50.627 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion: 98 Resp: 1039658
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0

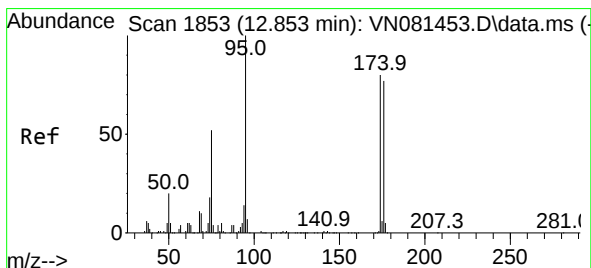
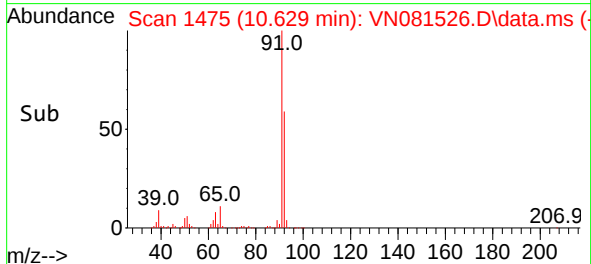
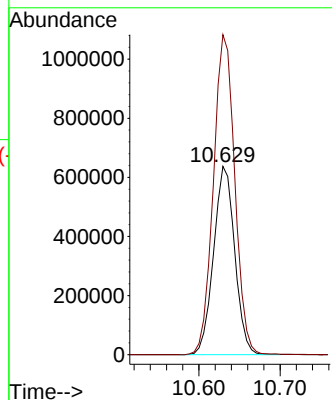
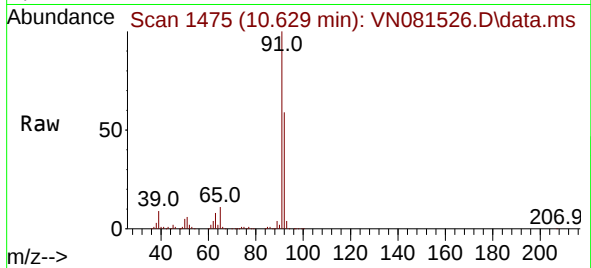




#52
Toluene
Concen: 64.965 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

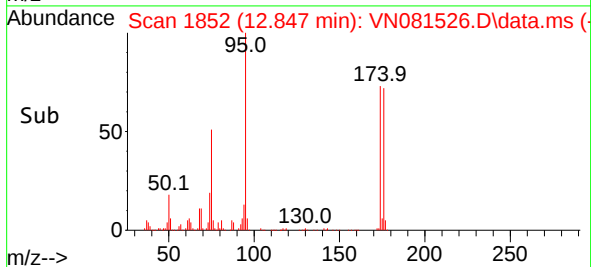
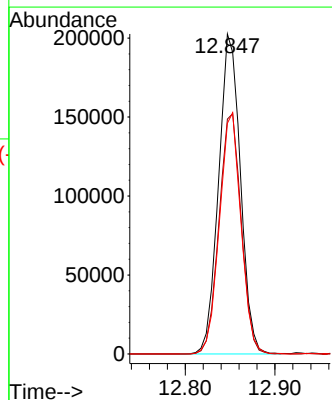
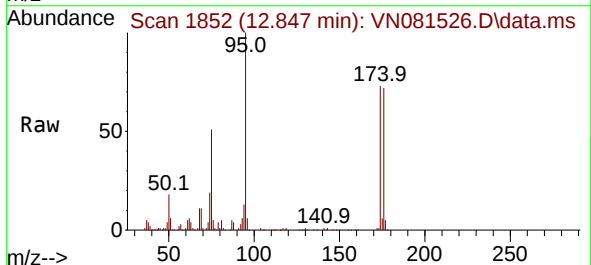
Instrument :
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ClientSampleId :
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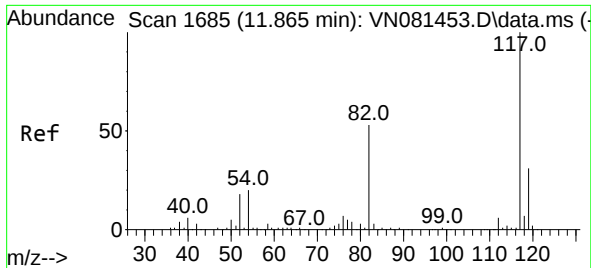
Tgt Ion: 92 Resp: 1154111
Ion Ratio Lower Upper
92 100
91 171.9 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 47.260 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion: 95 Resp: 341971
Ion Ratio Lower Upper
95 100
174 76.4 0.0 120.4
176 74.3 0.0 121.0

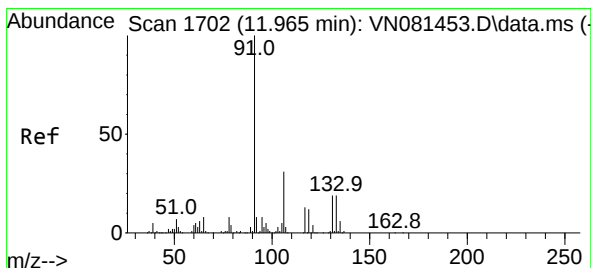
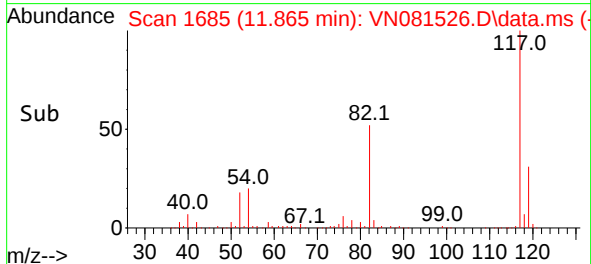
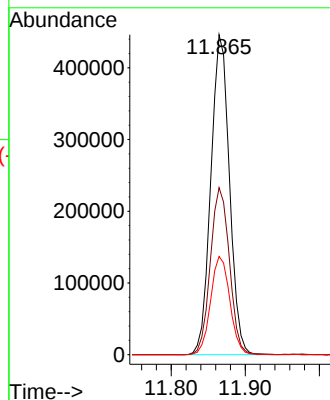
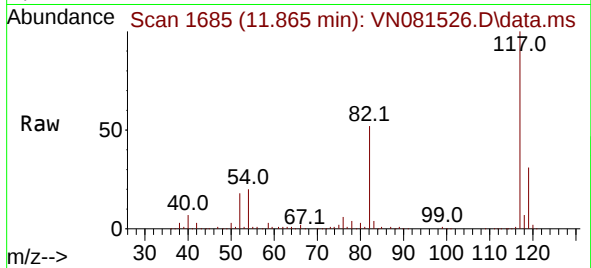




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

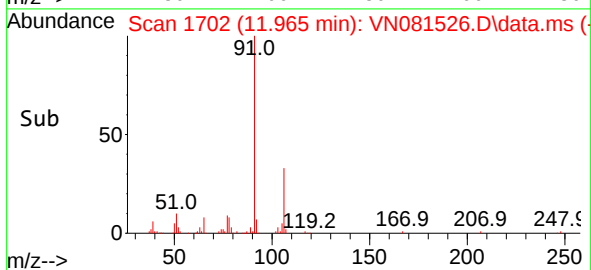
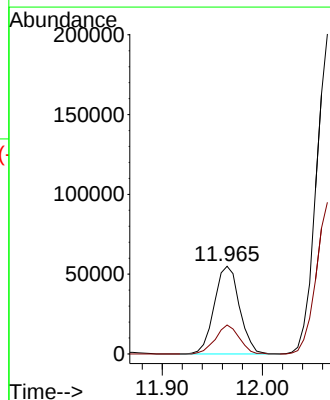
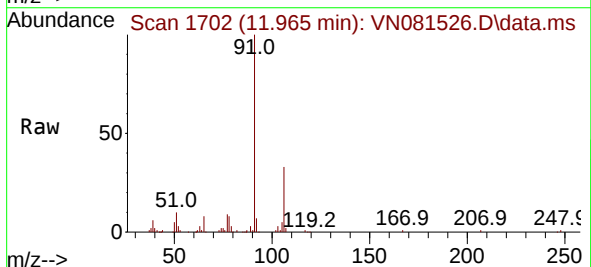
Instrument :
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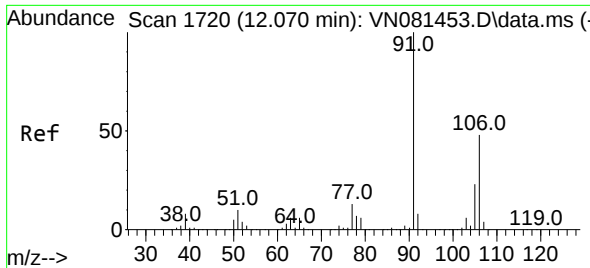
Tgt Ion:117 Resp: 777823
Ion Ratio Lower Upper
117 100
82 52.2 52.7 79.1#
119 30.7 25.3 37.9



#67
Ethyl Benzene
Concen: 2.999 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion: 91 Resp: 95798
Ion Ratio Lower Upper
91 100
106 33.0 23.8 35.6

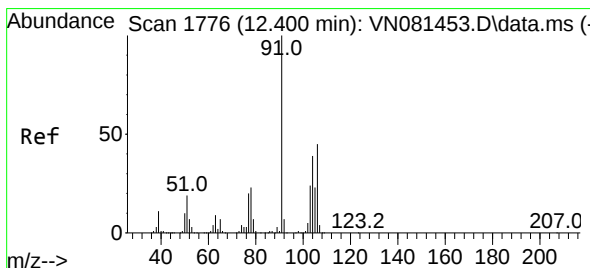
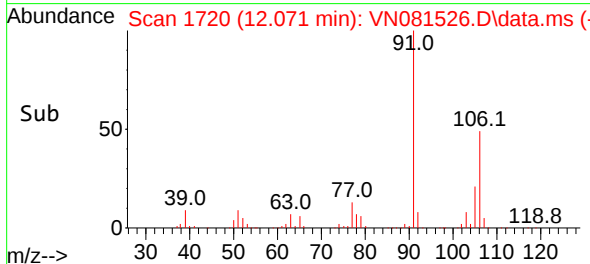
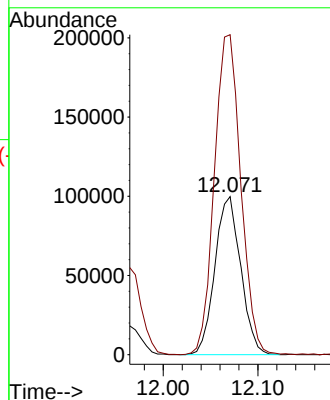
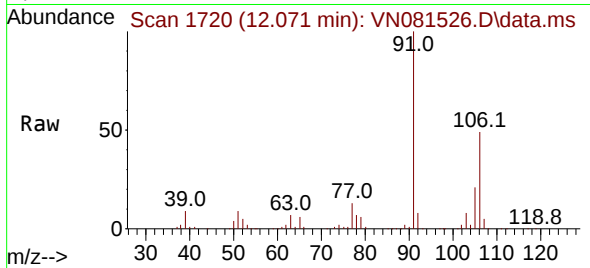




#68
m/p-Xylenes
Concen: 15.790 ug/l
RT: 12.071 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

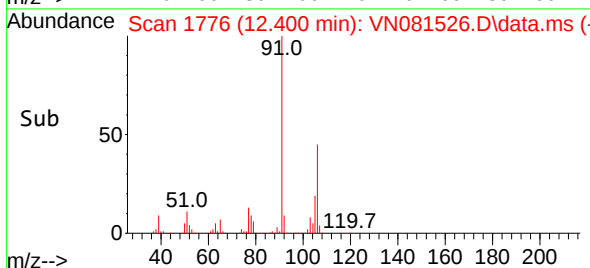
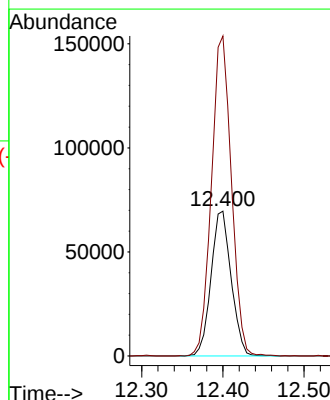
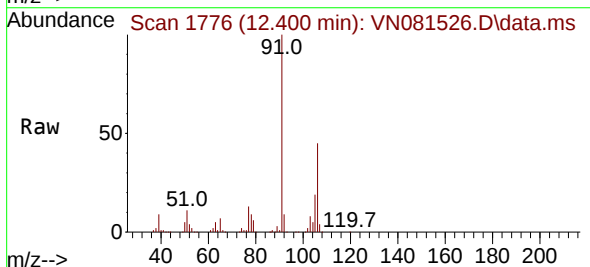
Instrument :
MSVOA_N
ClientSampleId :
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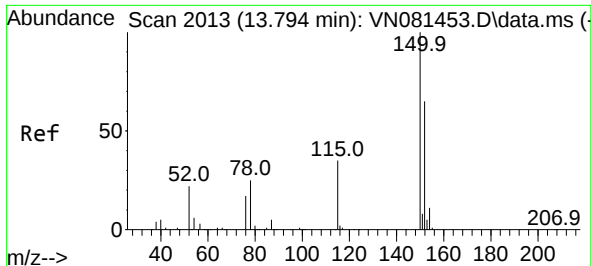
Tgt Ion:106 Resp: 189066
Ion Ratio Lower Upper
106 100
91 207.2 169.0 253.6



#69
o-Xylene
Concen: 10.193 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion:106 Resp: 119824
Ion Ratio Lower Upper
106 100
91 219.1 112.1 336.3

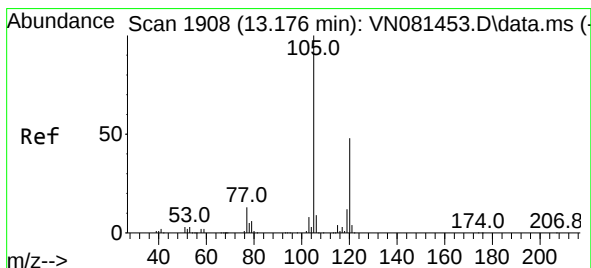
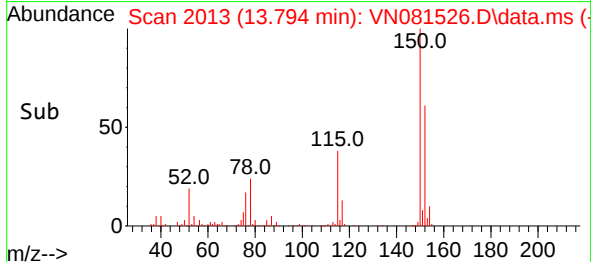
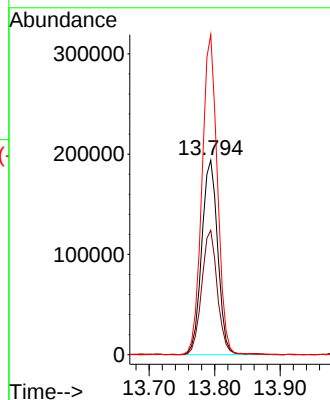
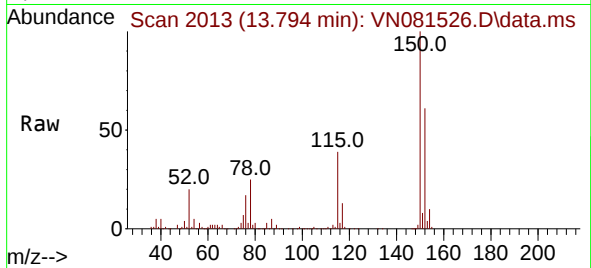




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081526.D
 Acq: 21 Mar 2024 17:48

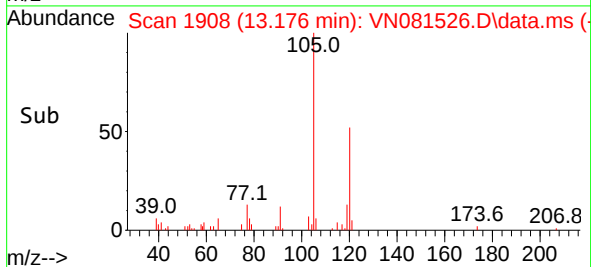
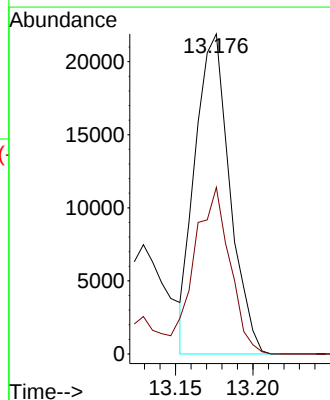
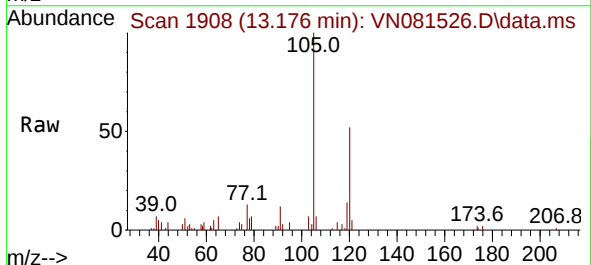
Instrument :
 MSVOA_N
 ClientSampleId :
 S-9

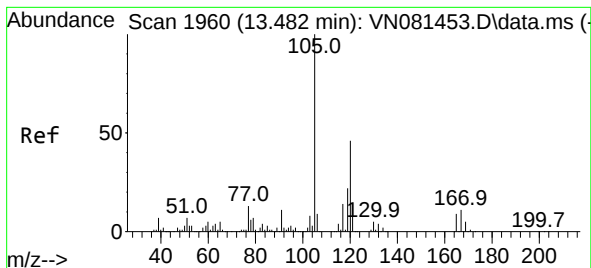
Tgt Ion:152 Resp: 329527
 Ion Ratio Lower Upper
 152 100
 115 62.7 32.3 96.8
 150 158.6 0.0 339.8



#80
 1,3,5-Trimethylbenzene
 Concen: 1.463 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN081526.D
 Acq: 21 Mar 2024 17:48

Tgt Ion:105 Resp: 33939
 Ion Ratio Lower Upper
 105 100
 120 53.3 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 4.316 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

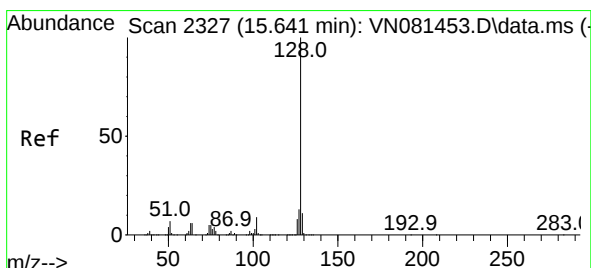
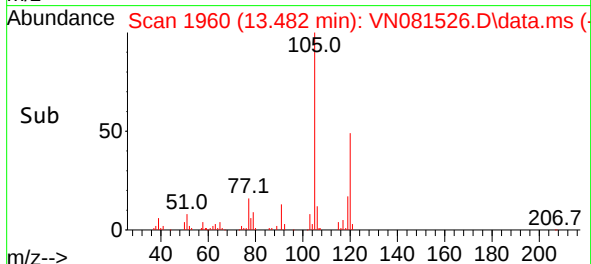
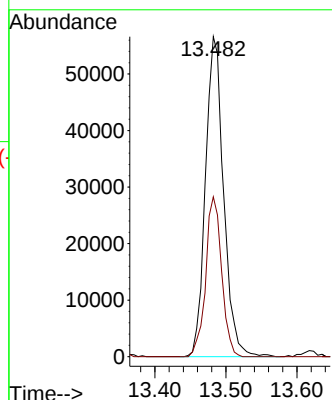
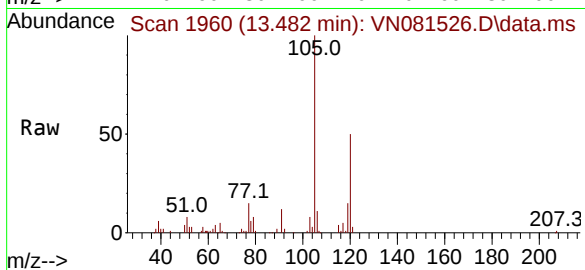
S-9

Tgt Ion:105 Resp: 100632

Ion Ratio Lower Upper

105 100

120 43.8 20.9 62.7



#95

Naphthalene

Concen: 77.308 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

Tgt Ion:128 Resp: 1777308

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.6 8.7 13.1

