

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012324\
 Data File : VN080758.D
 Acq On : 23 Jan 2024 13:14
 Operator : JC\MD
 Sample : P1179-11DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-4DL

Quant Time: Jan 24 01:58:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	122439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124519	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	94683	44.035	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.080%
35) Dibromofluoromethane	8.165	113	79202	48.874	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.740%
50) Toluene-d8	10.565	98	330005	53.406	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.820%
62) 4-Bromofluorobenzene	12.847	95	131529	55.507	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.020%

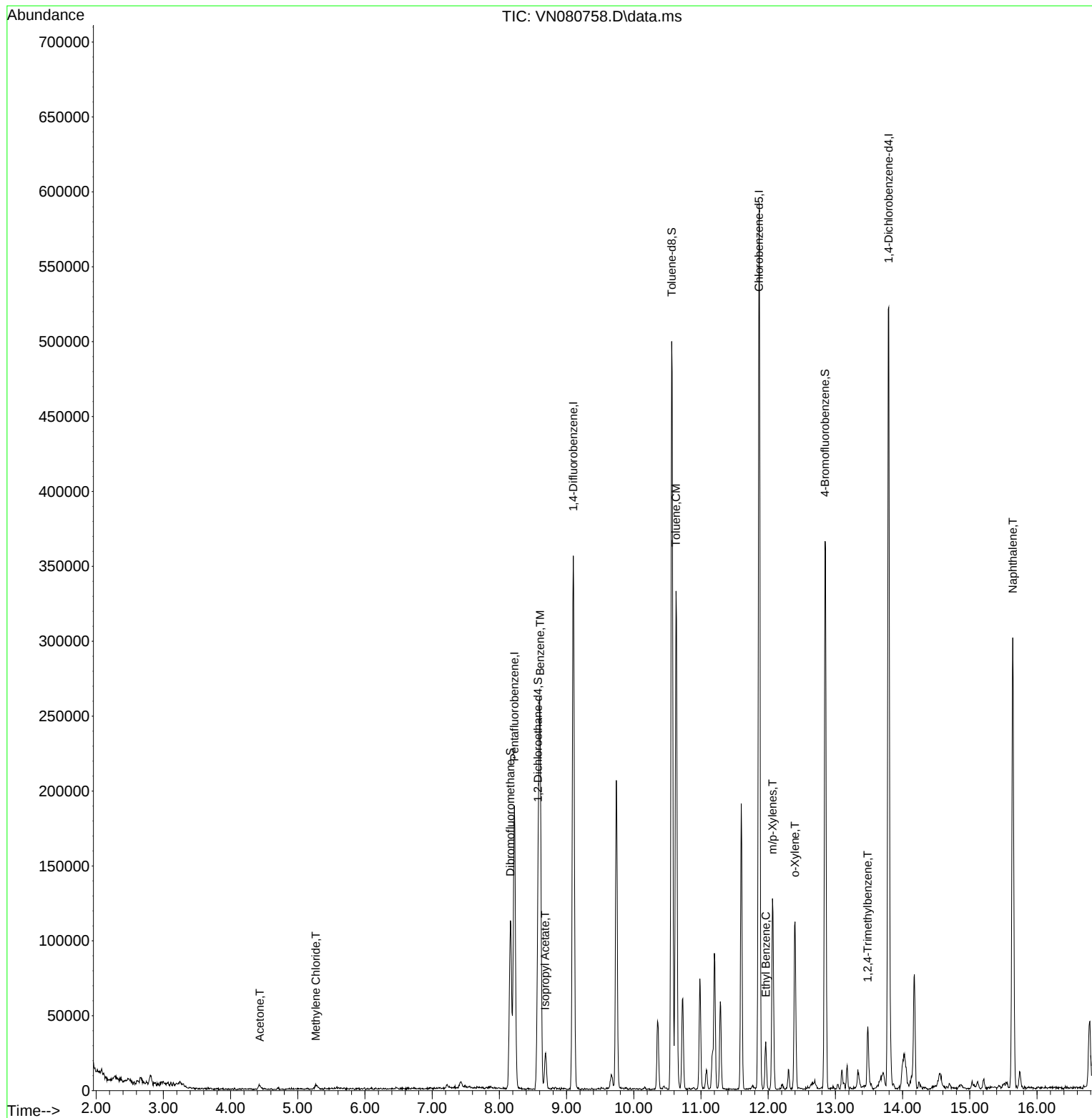
Target Compounds					Qvalue	
16) Acetone	4.436	43	4821	6.829	ug/l	# 59
20) Methylene Chloride	5.271	84	2136	1.037	ug/l	# 80
40) Benzene	8.606	78	225920	24.209	ug/l	100
43) Isopropyl Acetate	8.682	43	27926	4.720	ug/l	# 83
52) Toluene	10.629	92	140625	26.301	ug/l	98
67) Ethyl Benzene	11.965	91	19560	1.558	ug/l	96
68) m/p-Xylenes	12.065	106	37273	8.443	ug/l	89
69) o-Xylene	12.400	106	27556	6.384	ug/l	82
84) 1,2,4-Trimethylbenzene	13.482	105	23496	2.421	ug/l	97
95) Naphthalene	15.641	128	259999	29.967	ug/l	99

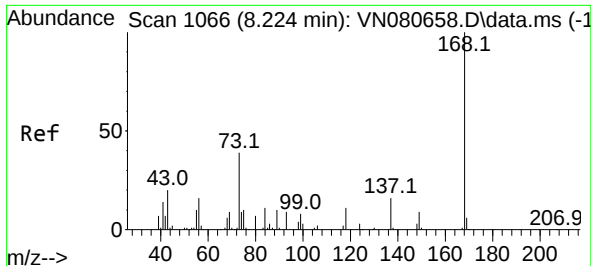
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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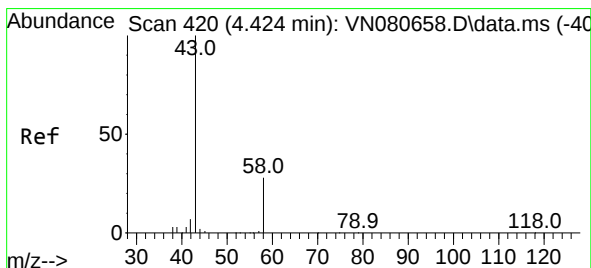
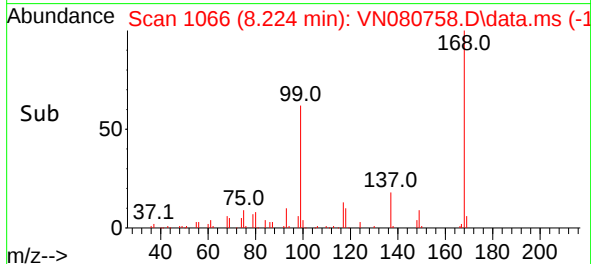
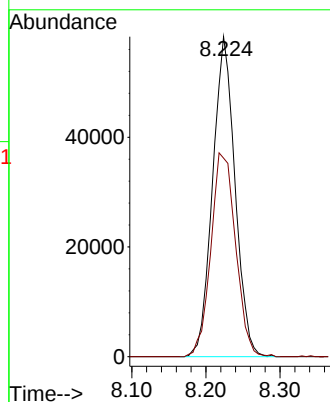
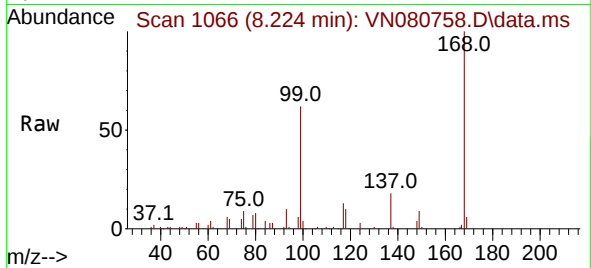




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080758.D
Acq: 23 Jan 2024 13:14

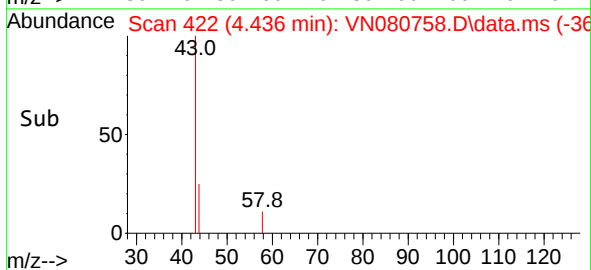
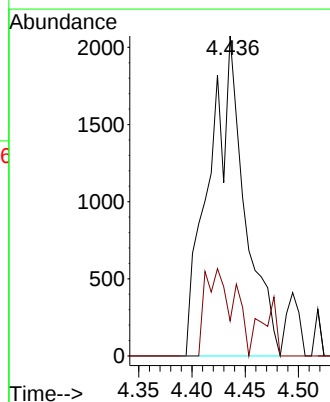
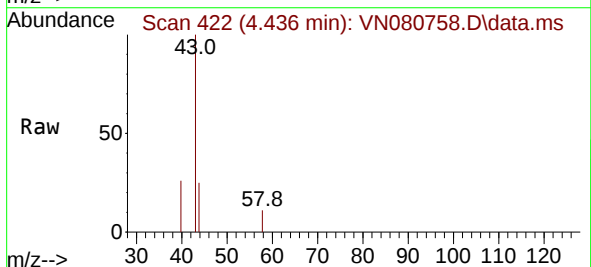
Instrument :
MSVOA_N
ClientSampleId :
S-4DL

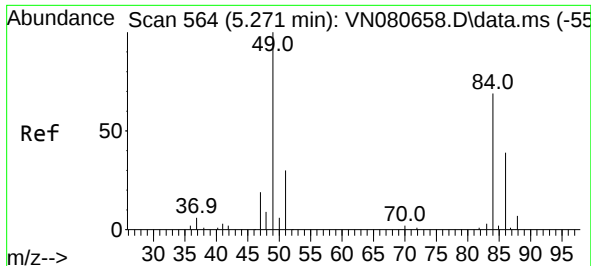
Tgt Ion:168 Resp: 122439
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#16
Acetone
Concen: 6.829 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080758.D
Acq: 23 Jan 2024 13:14

Tgt Ion: 43 Resp: 4821
Ion Ratio Lower Upper
43 100
58 10.9 28.0 42.0#

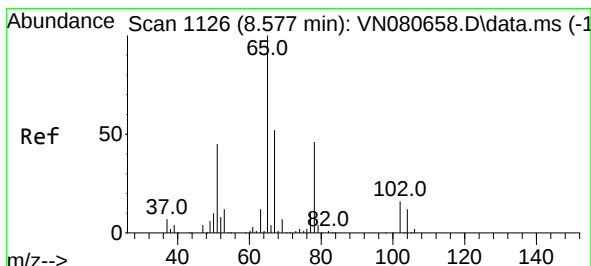
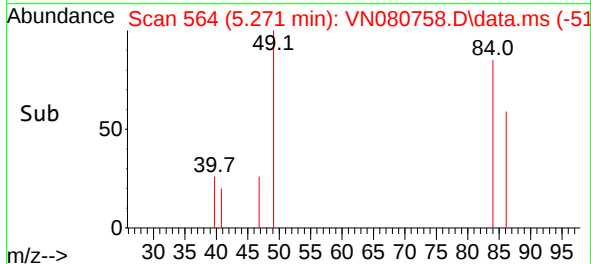
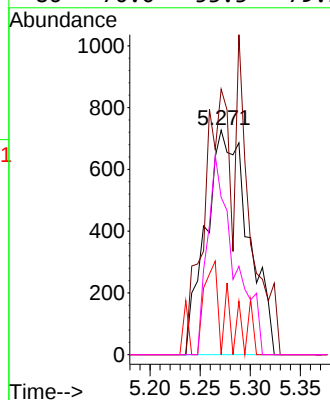
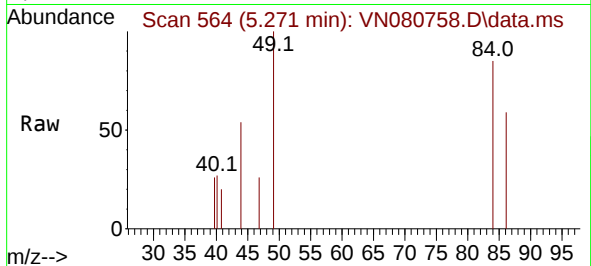




#20
Methylene Chloride
Concen: 1.037 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080758.D
Acq: 23 Jan 2024 13:14

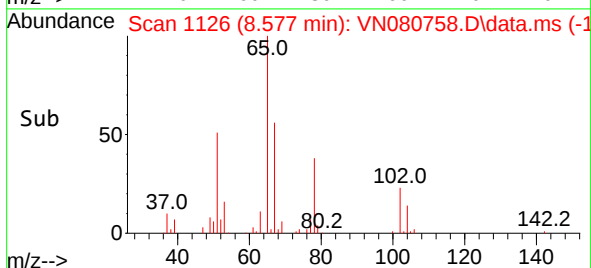
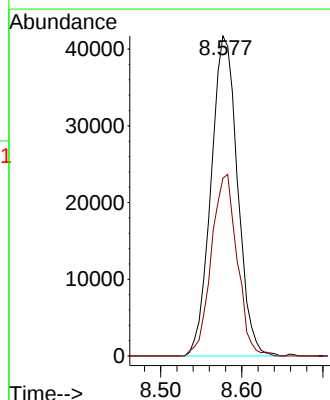
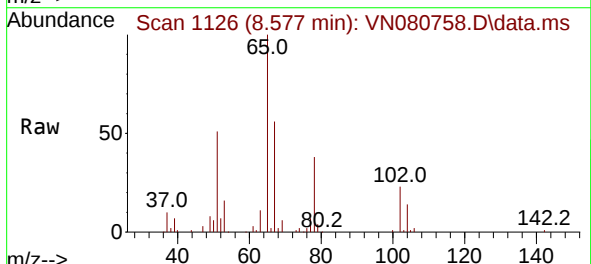
Instrument :
MSVOA_N
ClientSampleId :
S-4DL

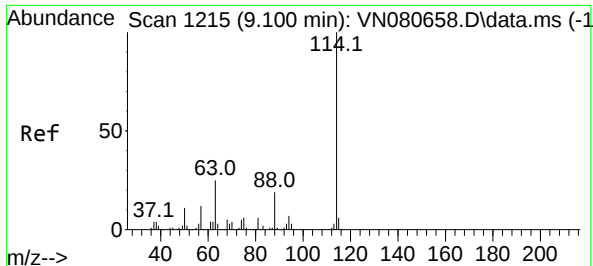
Tgt Ion: 84 Resp: 2136
Ion Ratio Lower Upper
84 100
49 118.3 79.7 119.5
51 0.0 25.2 37.8#
86 70.0 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 44.035 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080758.D
Acq: 23 Jan 2024 13:14

Tgt Ion: 65 Resp: 94683
Ion Ratio Lower Upper
65 100
67 55.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080758.D

Acq: 23 Jan 2024 13:14

Instrument :

MSVOA_N

ClientSampleId :

S-4DL

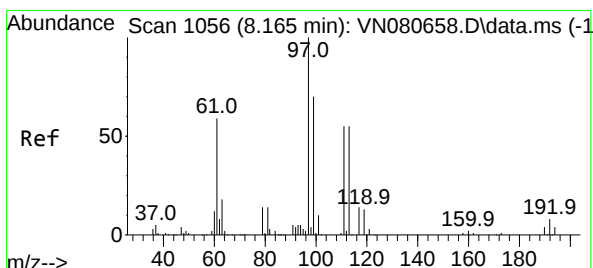
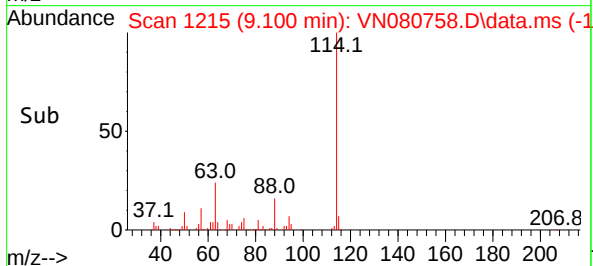
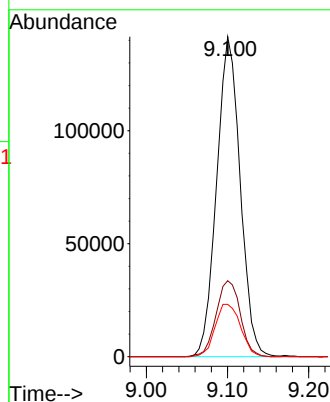
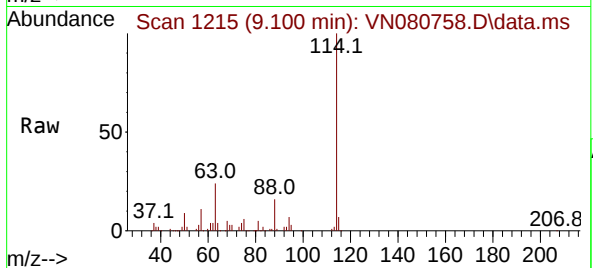
Tgt Ion:114 Resp: 285216

Ion Ratio Lower Upper

114 100

63 23.8 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.874 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080758.D

Acq: 23 Jan 2024 13:14

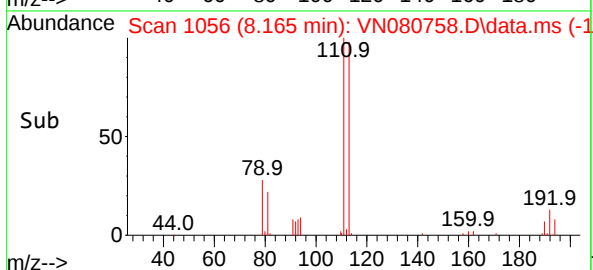
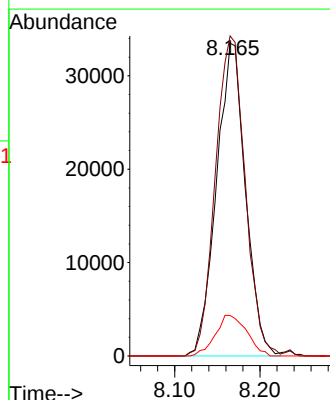
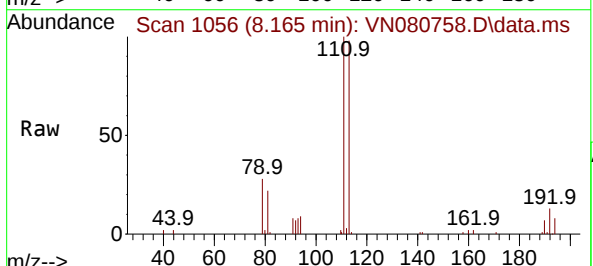
Tgt Ion:113 Resp: 79202

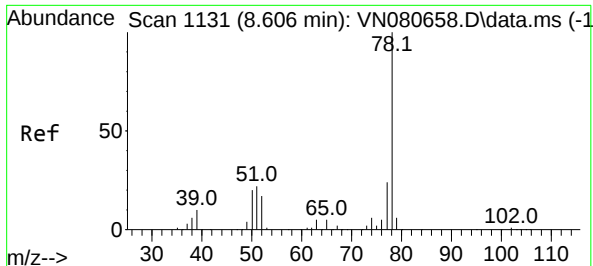
Ion Ratio Lower Upper

113 100

111 105.2 82.6 123.8

192 14.1 12.7 19.1

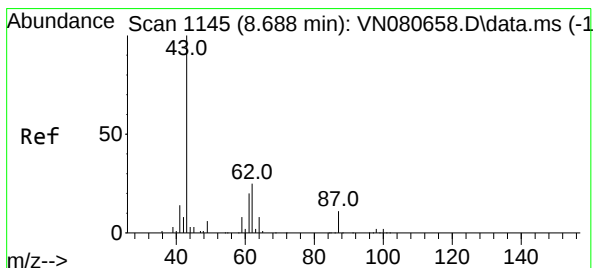
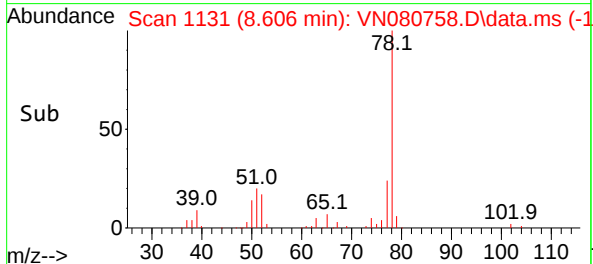
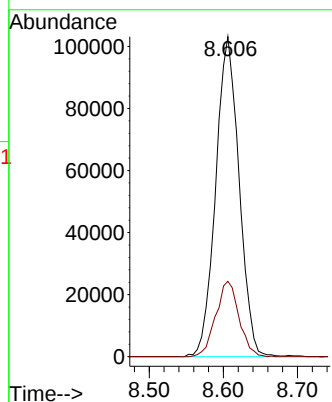
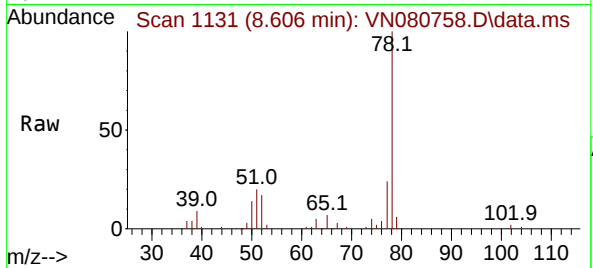




#40
Benzene
Concen: 24.209 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080758.D
Acq: 23 Jan 2024 13:14

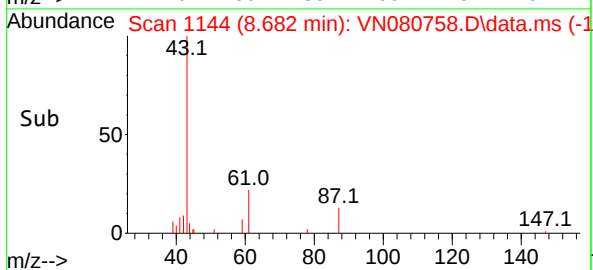
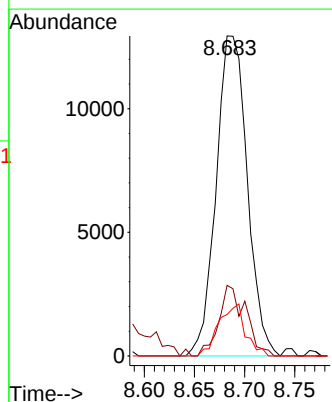
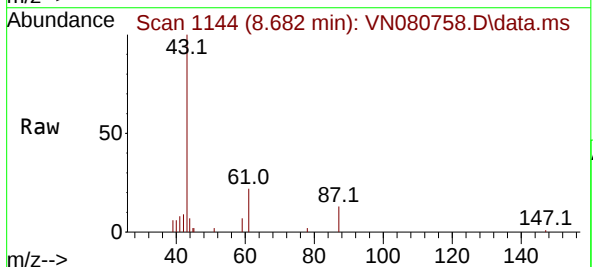
Instrument :
MSVOA_N
ClientSampleId :
S-4DL

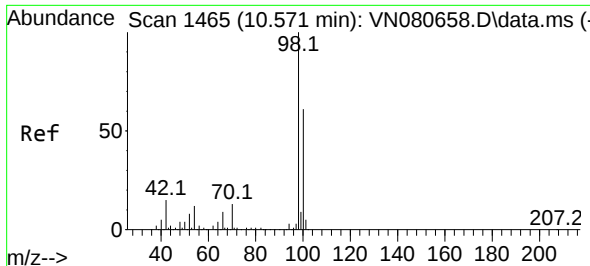
Tgt Ion: 78 Resp: 225920
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



#43
Isopropyl Acetate
Concen: 4.720 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN080758.D
Acq: 23 Jan 2024 13:14

Tgt Ion: 43 Resp: 27926
Ion Ratio Lower Upper
43 100
61 19.1 24.7 37.1#
87 13.9 14.6 21.8#

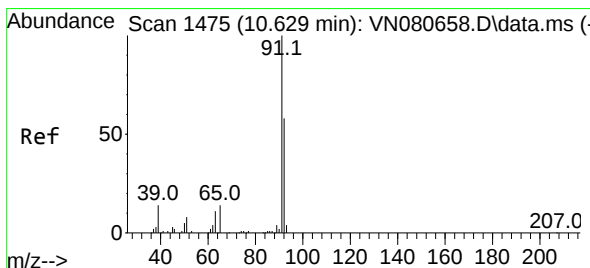
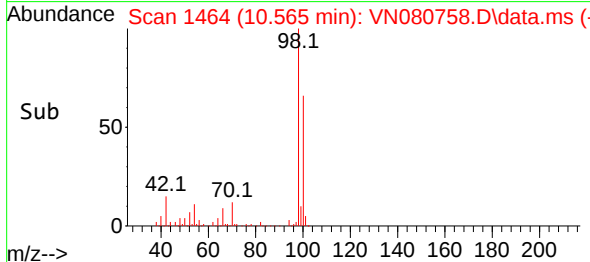
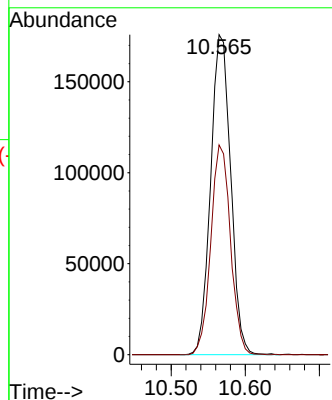
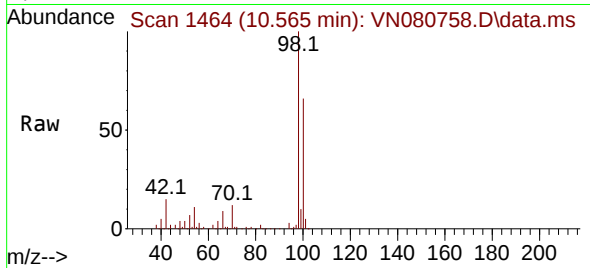




#50
Toluene-d8
Concen: 53.406 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080758.D
Acq: 23 Jan 2024 13:14

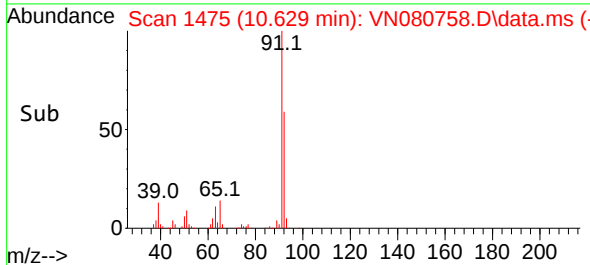
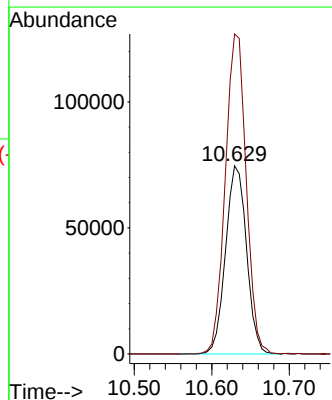
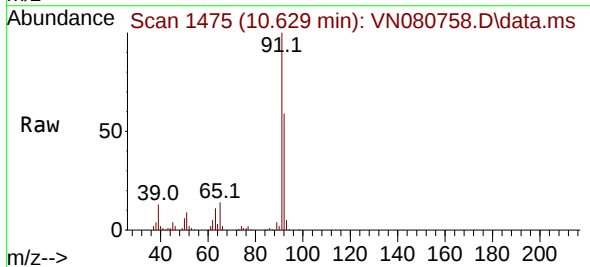
Instrument :
MSVOA_N
ClientSampleId :
S-4DL

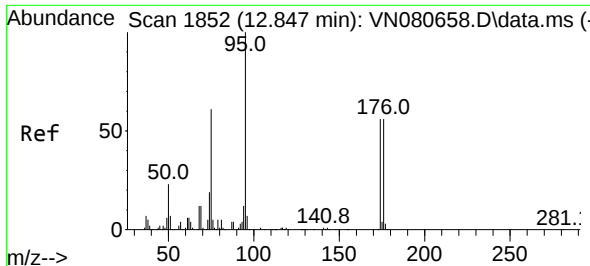
Tgt Ion: 98 Resp: 330005
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#52
Toluene
Concen: 26.301 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080758.D
Acq: 23 Jan 2024 13:14

Tgt Ion: 92 Resp: 140625
Ion Ratio Lower Upper
92 100
91 169.6 137.4 206.0

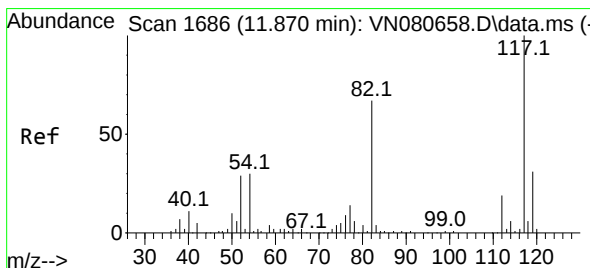
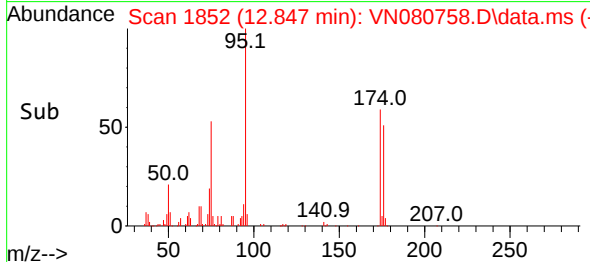
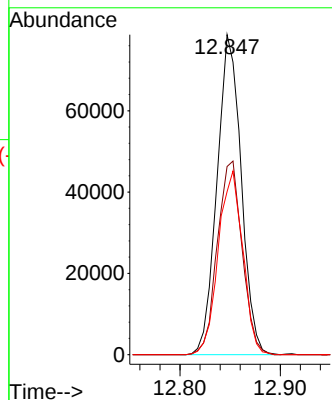
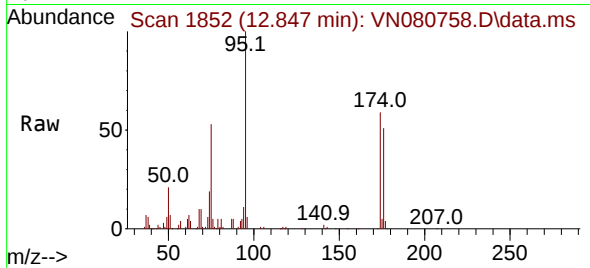




#62
4-Bromofluorobenzene
Concen: 55.507 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080758.D
Acq: 23 Jan 2024 13:14

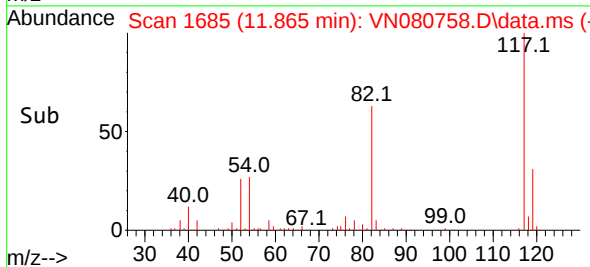
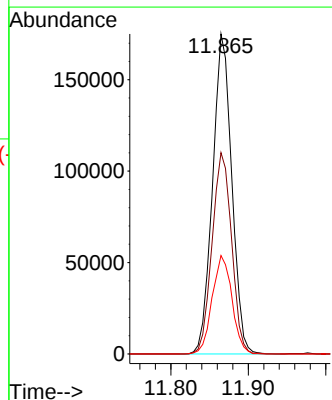
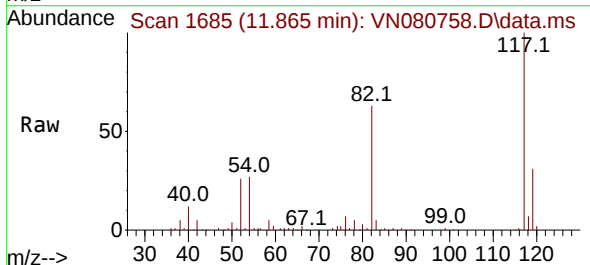
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S-4DL

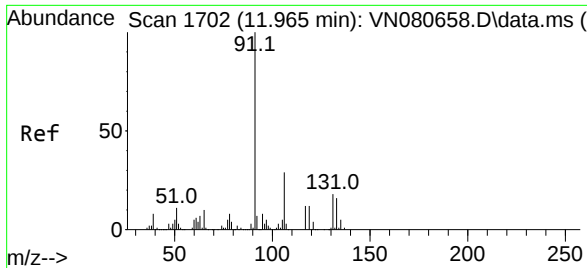
Tgt Ion: 95 Resp: 131529
Ion Ratio Lower Upper
95 100
174 62.3 0.0 143.8
176 58.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN080758.D
Acq: 23 Jan 2024 13:14

Tgt Ion: 117 Resp: 300988
Ion Ratio Lower Upper
117 100
82 62.9 44.0 66.0
119 30.8 25.6 38.4





#67

Ethyl Benzene

Concen: 1.558 ug/l

RT: 11.965 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN080758.D

Acq: 23 Jan 2024 13:14

Instrument :

MSVOA_N

ClientSampleId :

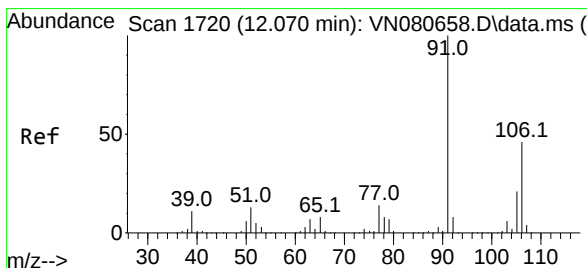
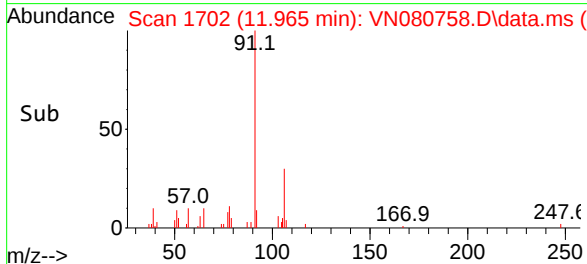
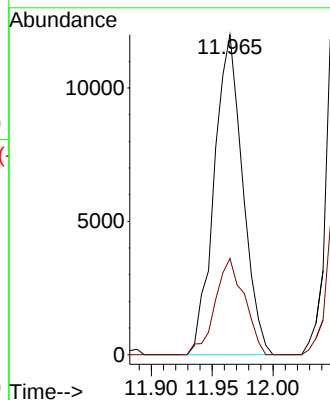
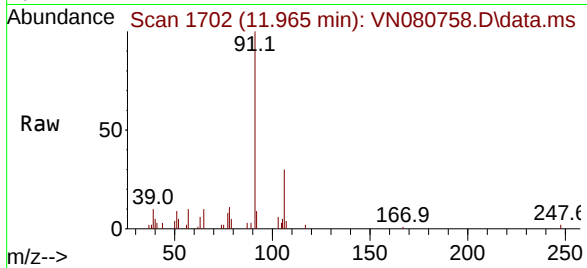
S-4DL

Tgt Ion: 91 Resp: 19560

Ion Ratio Lower Upper

91 100

106 30.0 25.6 38.4



#68

m/p-Xylenes

Concen: 8.443 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN080758.D

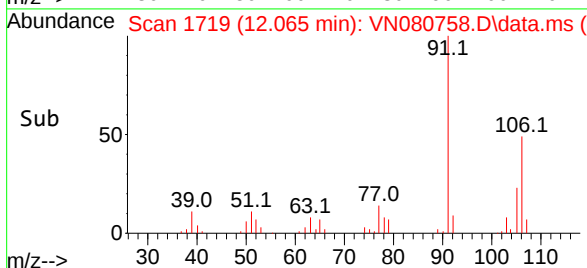
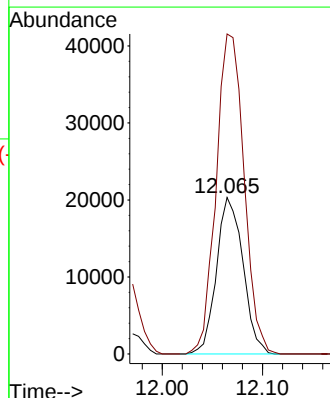
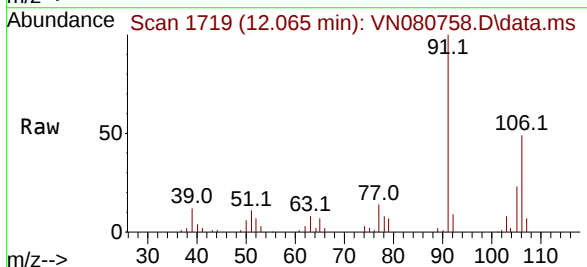
Acq: 23 Jan 2024 13:14

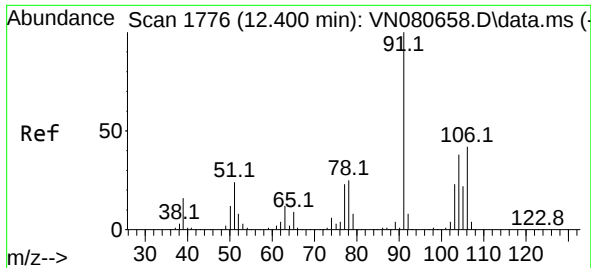
Tgt Ion:106 Resp: 37273

Ion Ratio Lower Upper

106 100

91 215.4 159.6 239.4

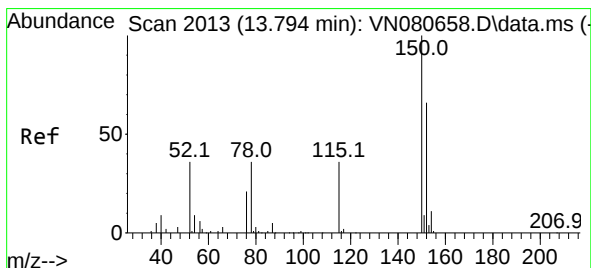
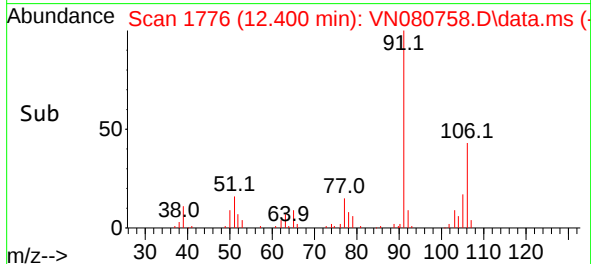
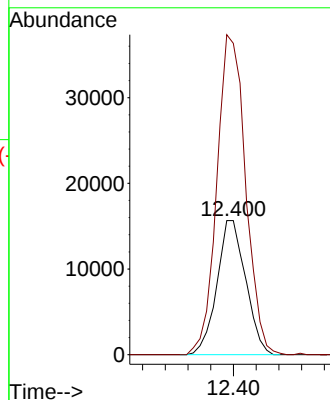
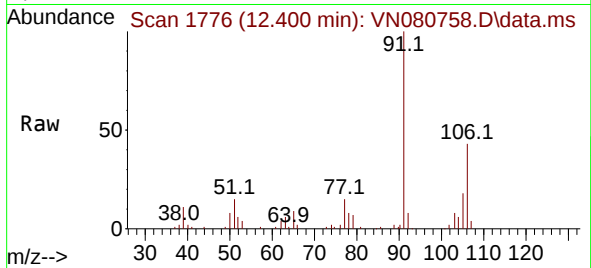




#69
o-Xylene
Concen: 6.384 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080758.D
Acq: 23 Jan 2024 13:14

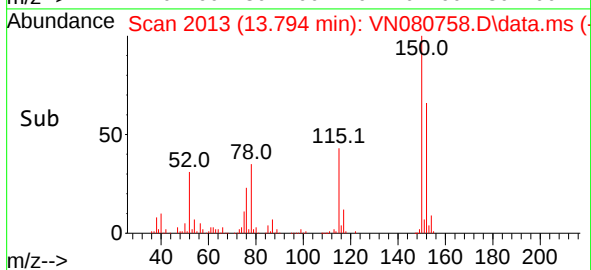
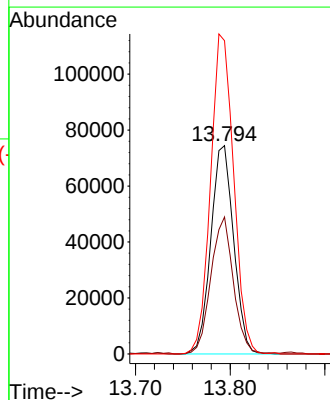
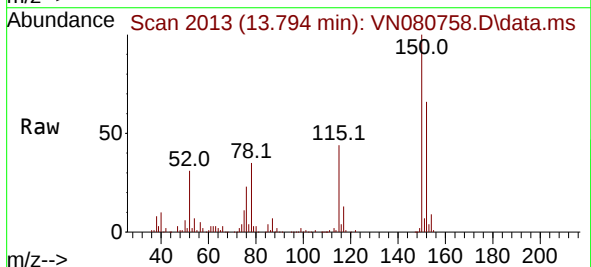
Instrument :
MSVOA_N
ClientSampleId :
S-4DL

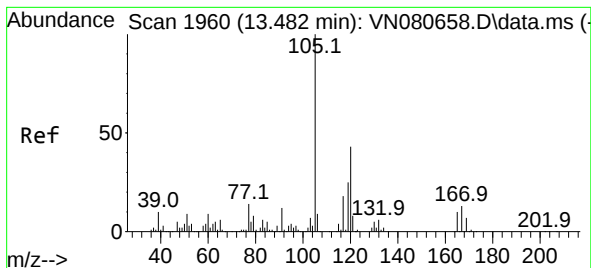
Tgt Ion:106 Resp: 27556
Ion Ratio Lower Upper
106 100
91 238.1 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080758.D
Acq: 23 Jan 2024 13:14

Tgt Ion:152 Resp: 124519
Ion Ratio Lower Upper
152 100
115 64.9 32.3 96.8
150 155.5 0.0 355.8





#84

1,2,4-Trimethylbenzene

Concen: 2.421 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080758.D

Acq: 23 Jan 2024 13:14

Instrument :

MSVOA_N

ClientSampleId :

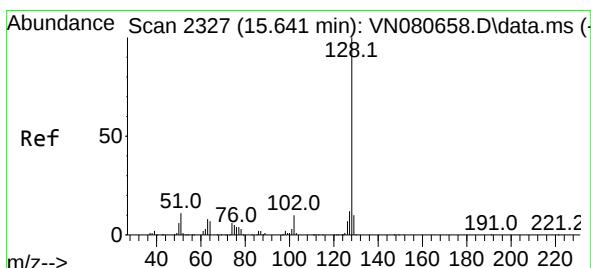
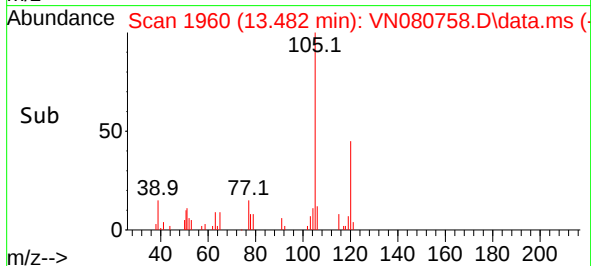
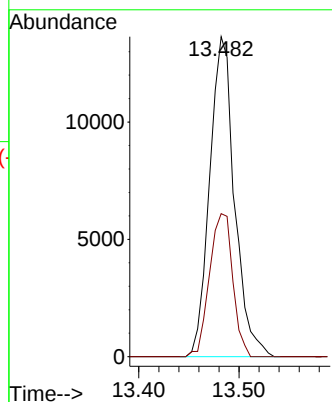
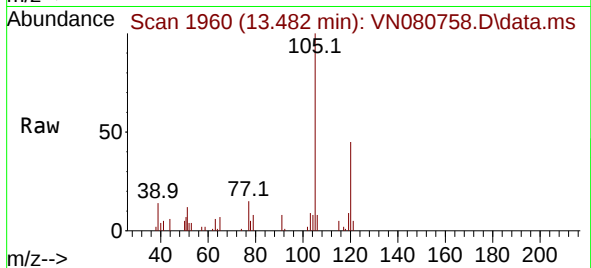
S-4DL

Tgt Ion:105 Resp: 23496

Ion Ratio Lower Upper

105 100

120 41.8 22.0 66.0



#95

Naphthalene

Concen: 29.967 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080758.D

Acq: 23 Jan 2024 13:14

Tgt Ion:128 Resp: 259999

Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

129 10.5 8.7 13.1

