

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081517.D
 Acq On : 21 Mar 2024 14:14
 Operator : JC\MD
 Sample : P1799-02DL2 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50296DL2

Quant Time: Mar 22 05:06:16 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)

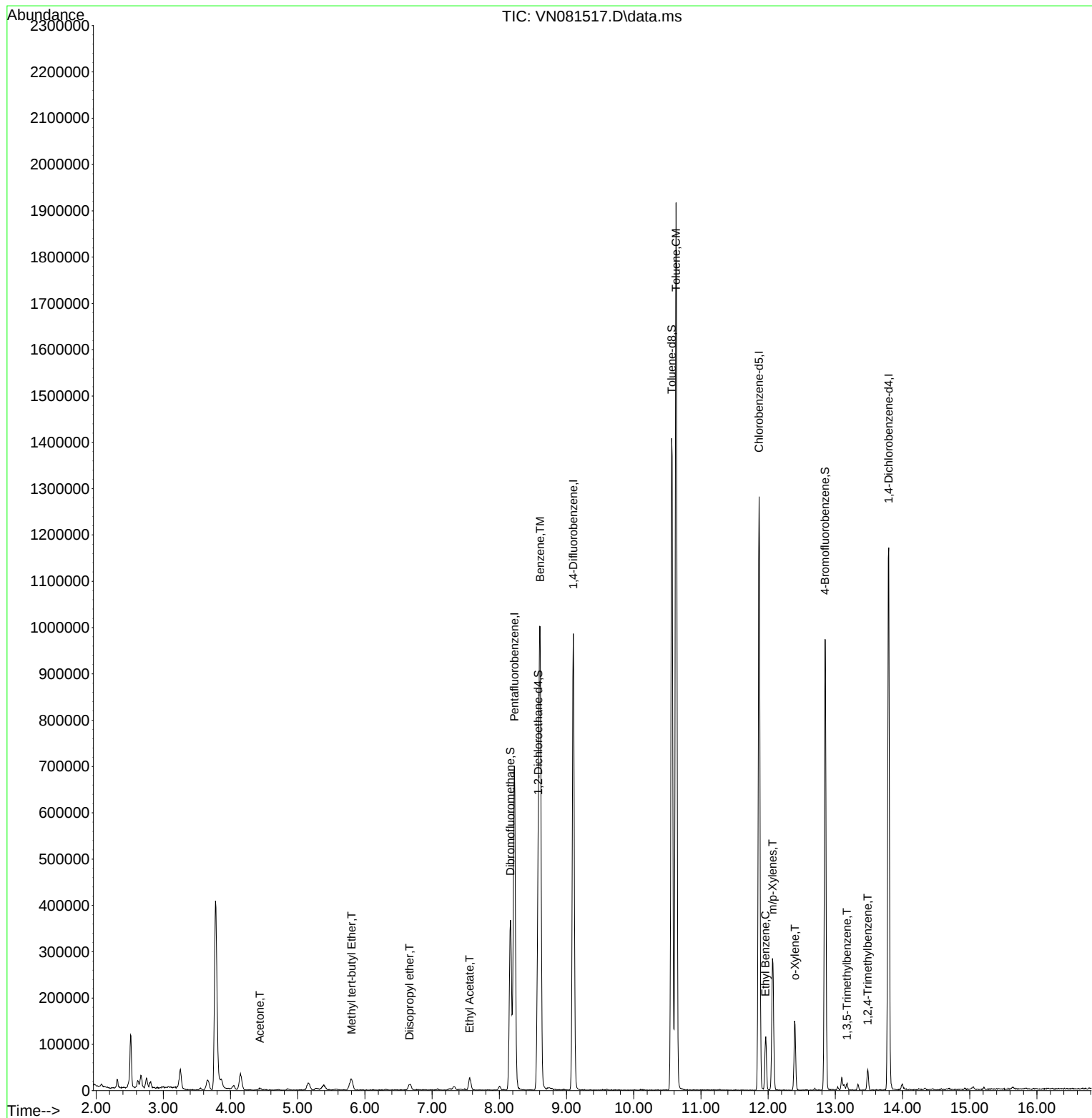
Internal Standards						
1) Pentafluorobenzene	8.224	168	509731	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	875146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	763303	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	321285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	312467	48.069	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.140%
35) Dibromofluoromethane	8.165	113	265256	48.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	10.565	98	1005931	50.384	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.847	95	333587	47.418	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.840%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	6128	2.917	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	38170	2.027	ug/l #	86
22) Diisopropyl ether	6.665	45	14025	0.801	ug/l #	86
37) Ethyl Acetate	7.559	43	37659	4.732	ug/l #	92
40) Benzene	8.606	78	991475	36.487	ug/l	97
52) Toluene	10.630	92	850894	49.266	ug/l	100
67) Ethyl Benzene	11.959	91	83467	2.663	ug/l	98
68) m/p-Xylenes	12.065	106	96375	8.202	ug/l	93
69) o-Xylene	12.400	106	42533	3.687	ug/l	93
80) 1,3,5-Trimethylbenzene	13.171	105	6621	0.293	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	24916	1.096	ug/l	95

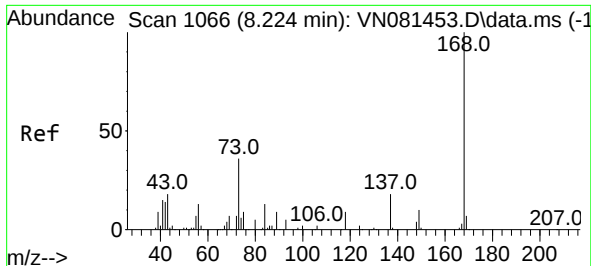
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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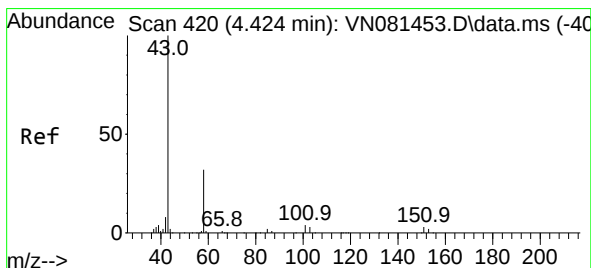
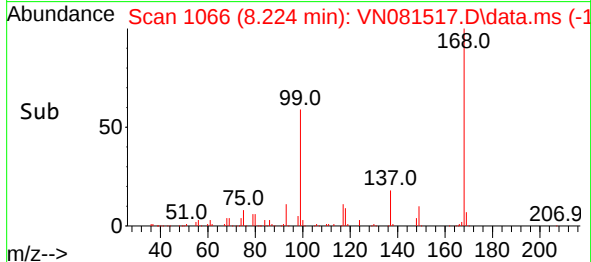
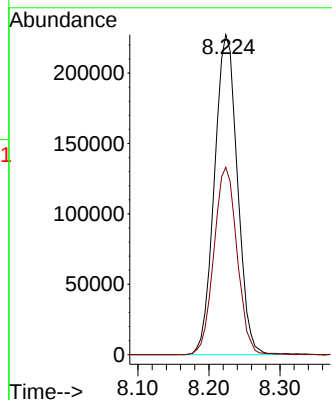
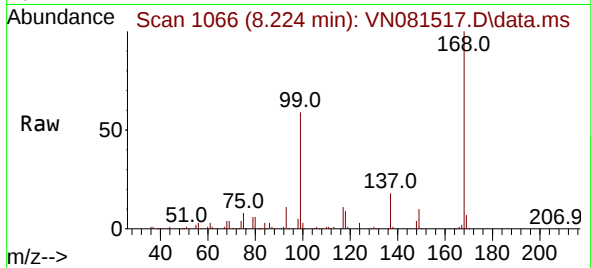




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081517.D
Acq: 21 Mar 2024 14:14

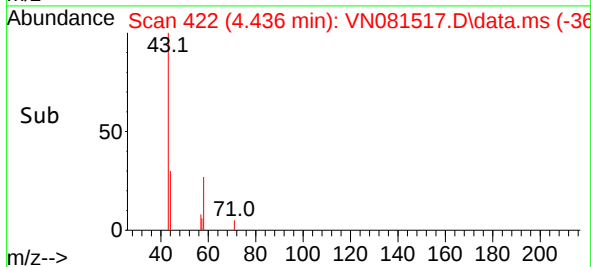
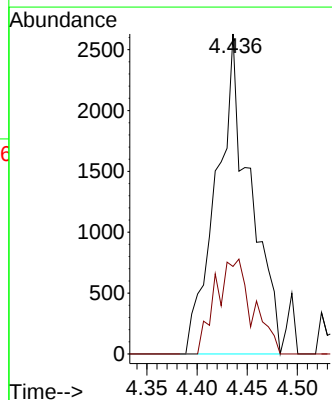
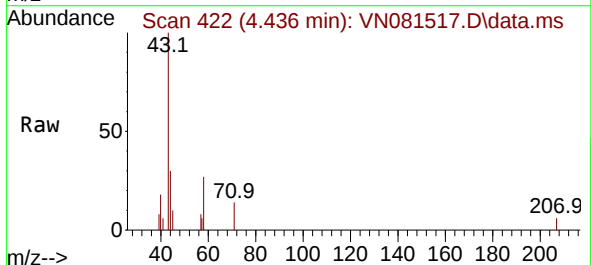
Instrument :
MSVOA_N
ClientSampleId :
50296DL2

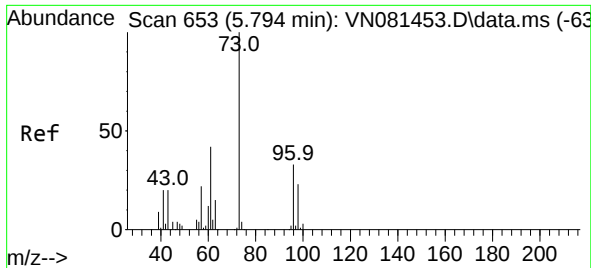
Tgt Ion:168 Resp: 509731
Ion Ratio Lower Upper
168 100
99 58.5 59.9 89.9#



#16
Acetone
Concen: 2.917 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081517.D
Acq: 21 Mar 2024 14:14

Tgt Ion: 43 Resp: 6128
Ion Ratio Lower Upper
43 100
58 27.3 24.8 37.2

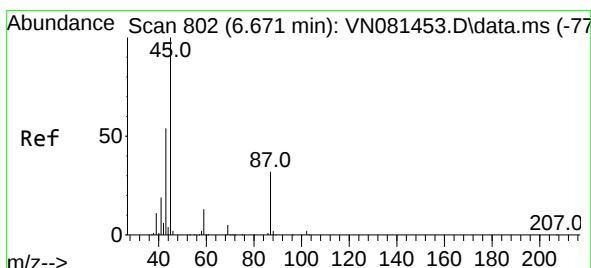
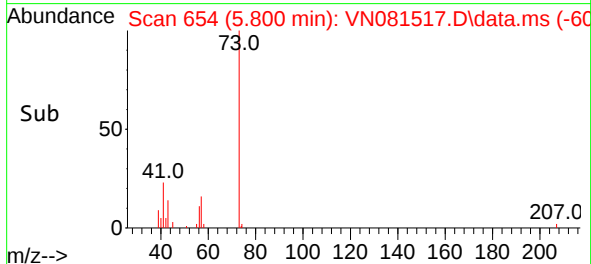
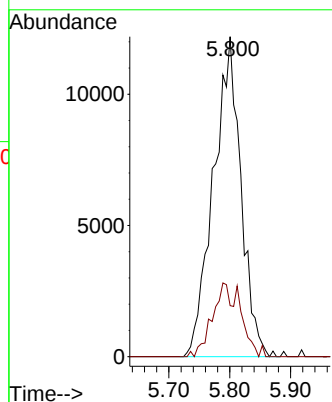
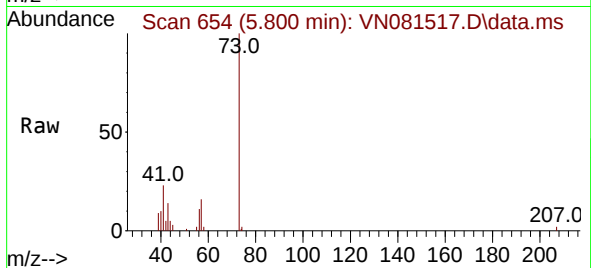




#19
Methyl tert-butyl Ether
Concen: 2.027 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081517.D
Acq: 21 Mar 2024 14:14

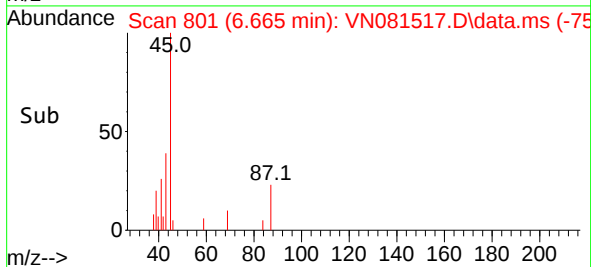
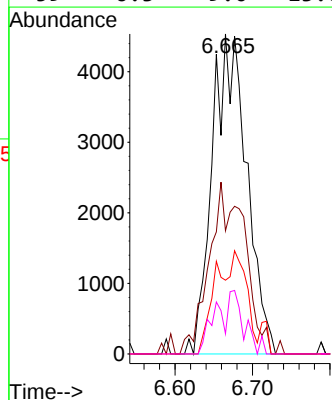
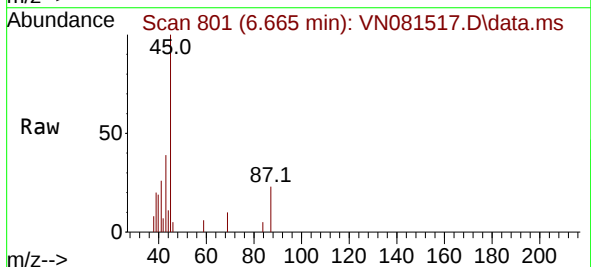
Instrument :
MSVOA_N
ClientSampleId :
50296DL2

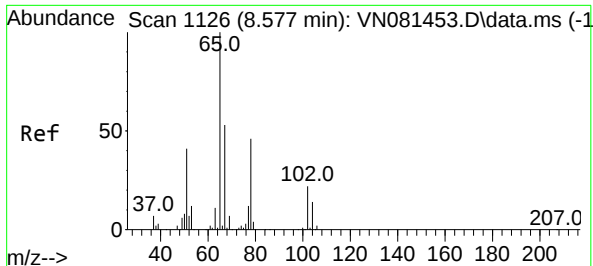
Tgt Ion: 73 Resp: 38170
Ion Ratio Lower Upper
73 100
57 15.9 18.2 27.4#



#22
Diisopropyl ether
Concen: 0.801 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081517.D
Acq: 21 Mar 2024 14:14

Tgt Ion: 45 Resp: 14025
Ion Ratio Lower Upper
45 100
43 38.5 41.8 62.8#
87 23.0 18.1 27.1
59 6.3 9.0 13.6#





#33

1,2-Dichloroethane-d4

Concen: 48.069 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081517.D

Acq: 21 Mar 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

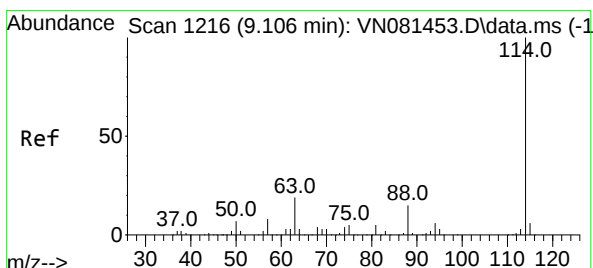
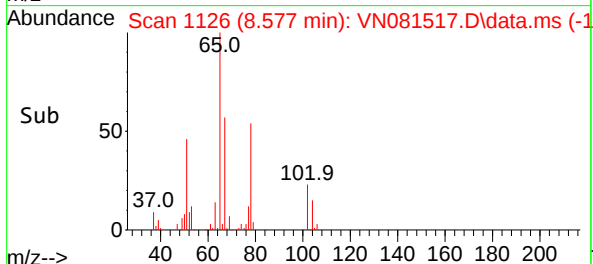
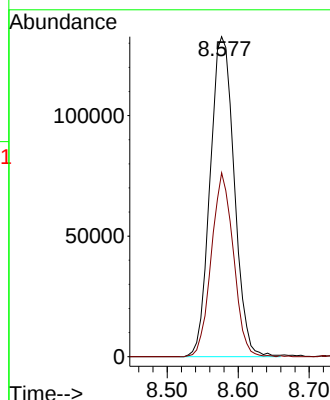
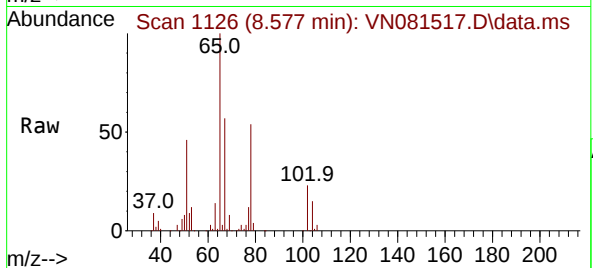
50296DL2

Tgt Ion: 65 Resp: 312467

Ion Ratio Lower Upper

65 100

67 52.6 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: VN081517.D

Acq: 21 Mar 2024 14:14

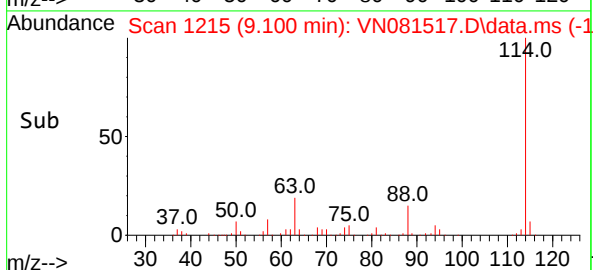
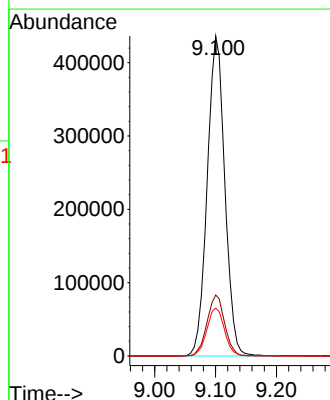
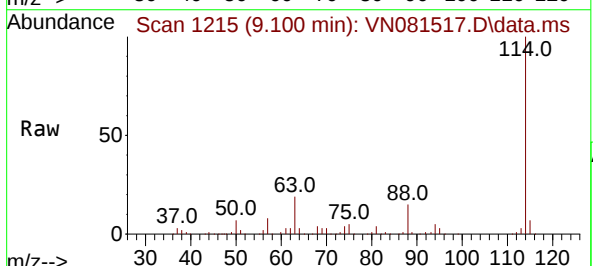
Tgt Ion: 114 Resp: 875146

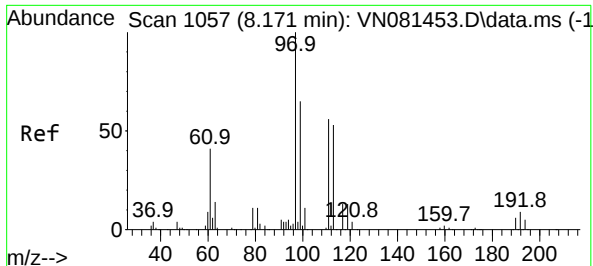
Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.027 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081517.D

Acq: 21 Mar 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

50296DL2

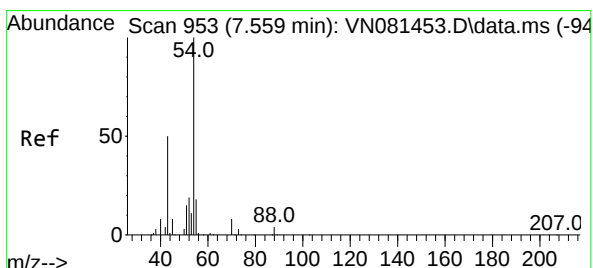
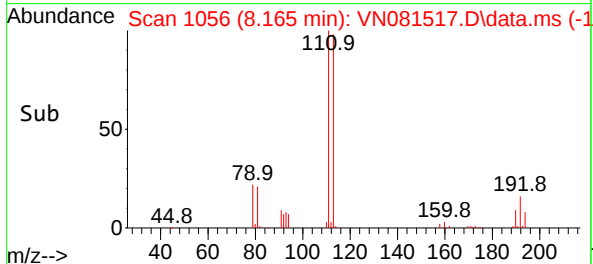
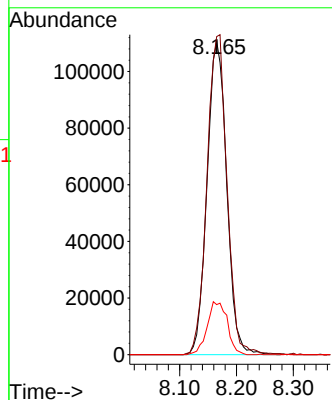
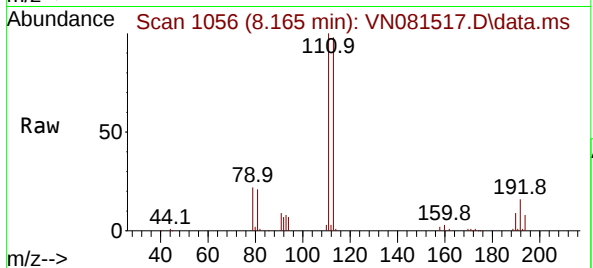
Tgt Ion:113 Resp: 265256

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 17.3 12.5 18.7



#37

Ethyl Acetate

Concen: 4.732 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN081517.D

Acq: 21 Mar 2024 14:14

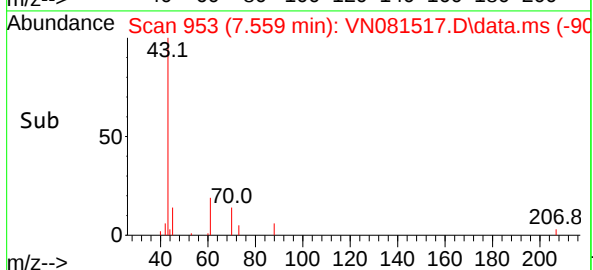
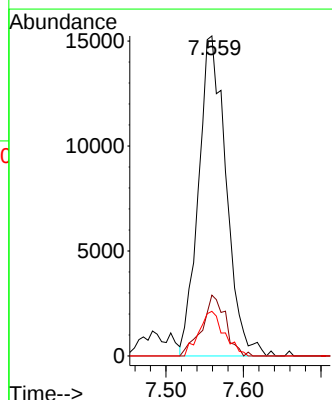
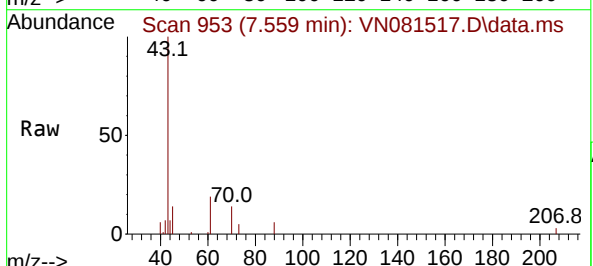
Tgt Ion: 43 Resp: 37659

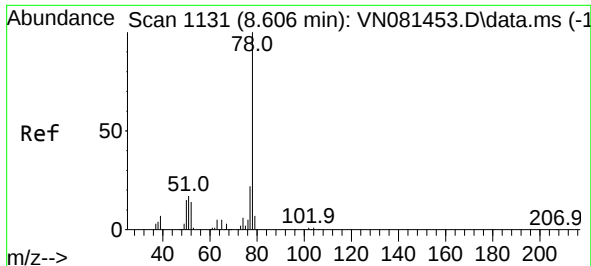
Ion Ratio Lower Upper

43 100

61 16.4 10.6 15.8#

70 12.7 8.0 12.0#

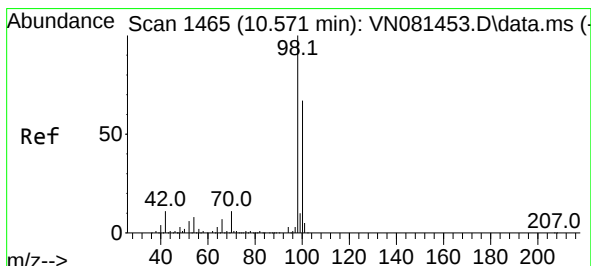
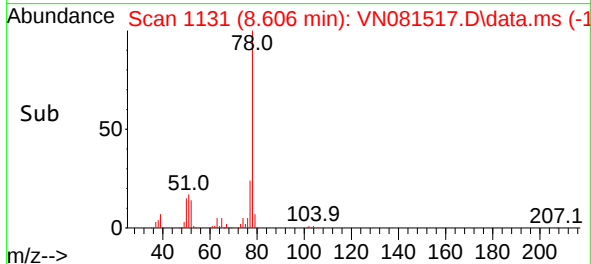
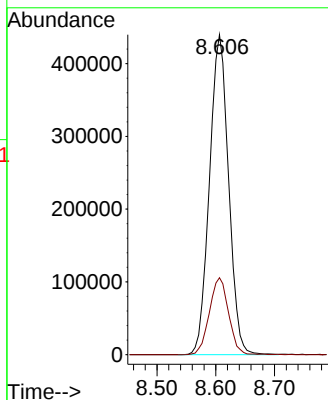
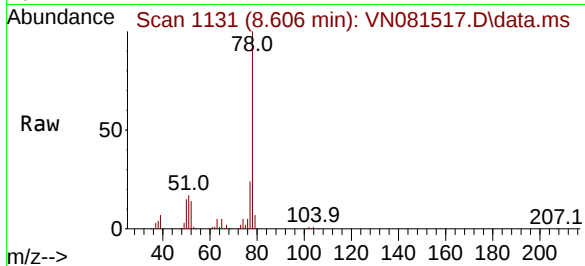




#40
Benzene
Concen: 36.487 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081517.D
Acq: 21 Mar 2024 14:14

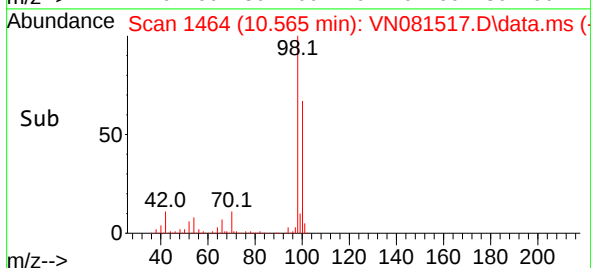
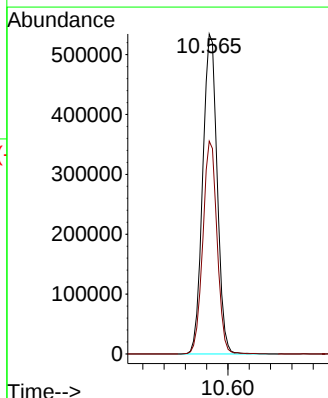
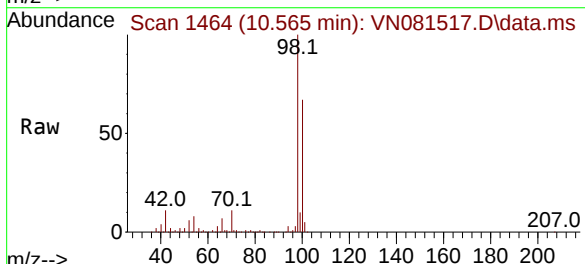
Instrument :
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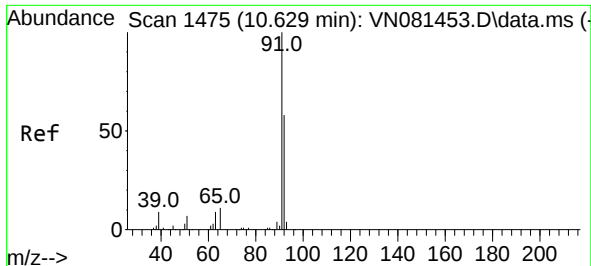
Tgt Ion: 78 Resp: 991475
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6



#50
Toluene-d8
Concen: 50.384 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081517.D
Acq: 21 Mar 2024 14:14

Tgt Ion: 98 Resp: 1005931
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0

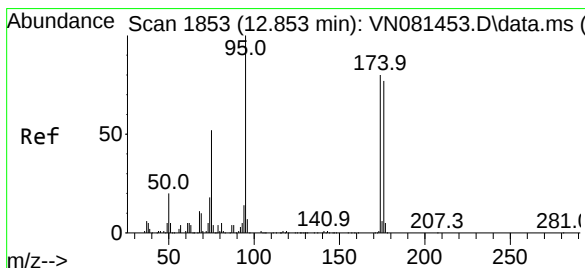
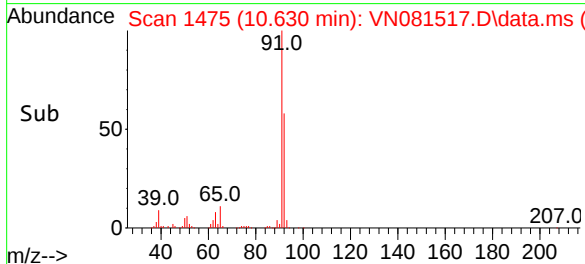
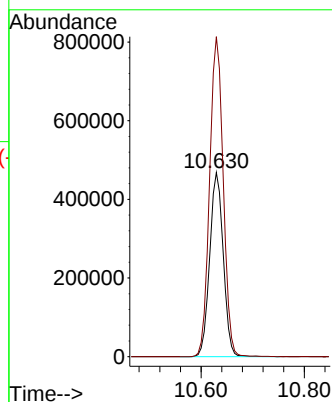
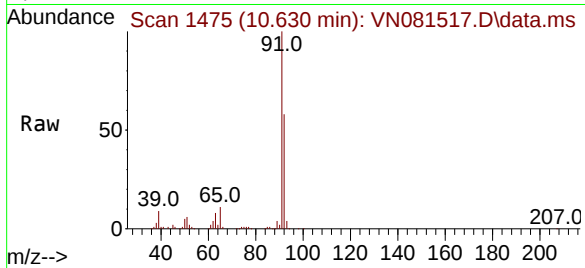




#52
Toluene
Concen: 49.266 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081517.D
Acq: 21 Mar 2024 14:14

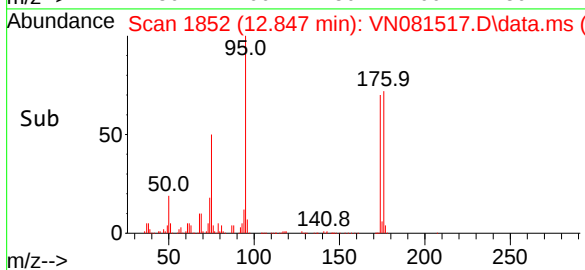
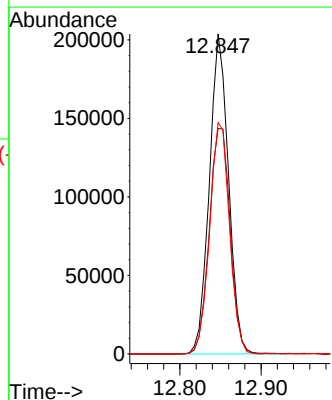
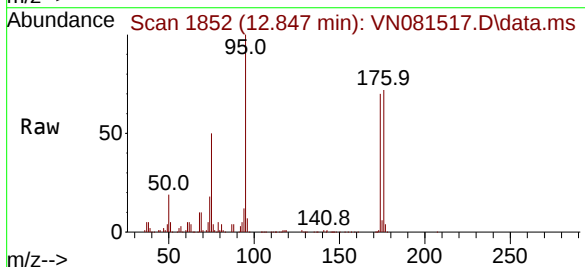
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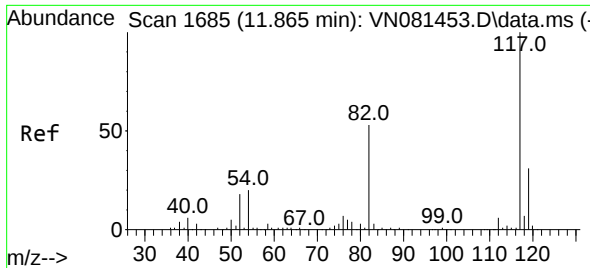
Tgt Ion: 92 Resp: 850894
Ion Ratio Lower Upper
92 100
91 174.9 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 47.418 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081517.D
Acq: 21 Mar 2024 14:14

Tgt Ion: 95 Resp: 333587
Ion Ratio Lower Upper
95 100
174 77.0 0.0 120.4
176 74.7 0.0 121.0

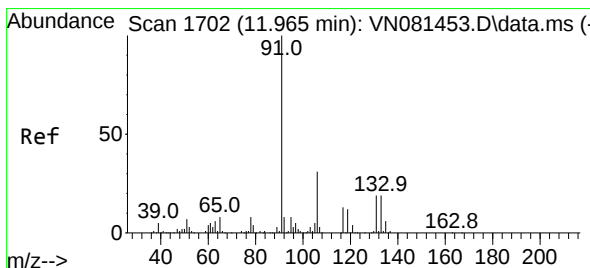
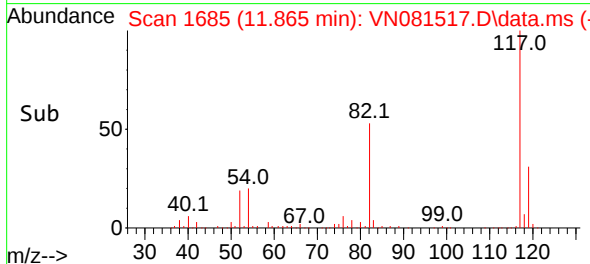
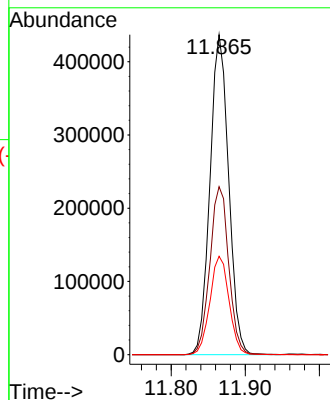
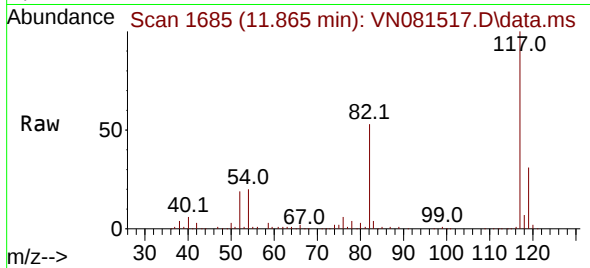




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081517.D
Acq: 21 Mar 2024 14:14

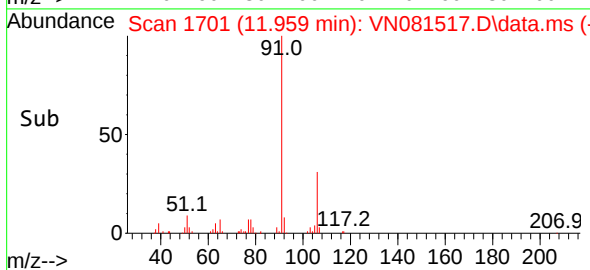
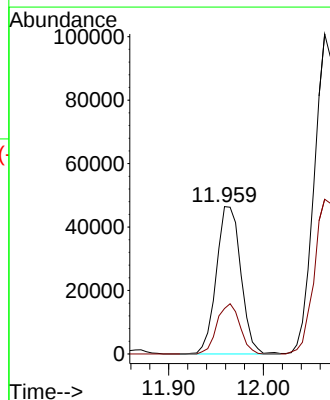
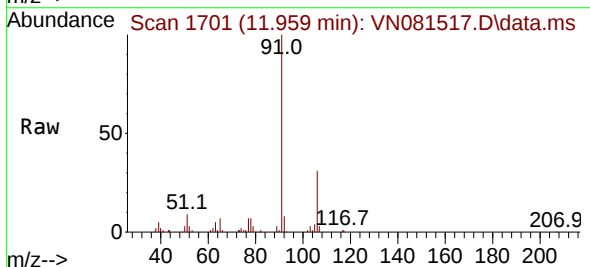
Instrument :
MSVOA_N
ClientSampleId :
50296DL2

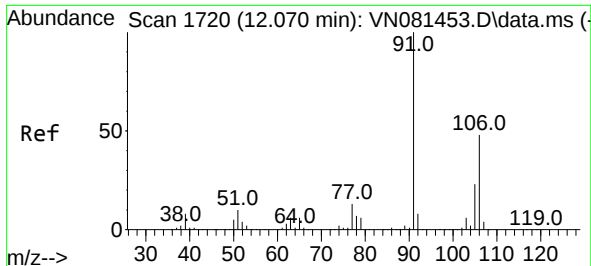
Tgt Ion:117 Resp: 763303
Ion Ratio Lower Upper
117 100
82 52.5 52.7 79.1#
119 30.8 25.3 37.9



#67
Ethyl Benzene
Concen: 2.663 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081517.D
Acq: 21 Mar 2024 14:14

Tgt Ion: 91 Resp: 83467
Ion Ratio Lower Upper
91 100
106 30.8 23.8 35.6

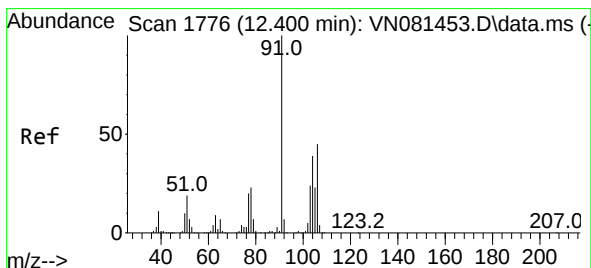
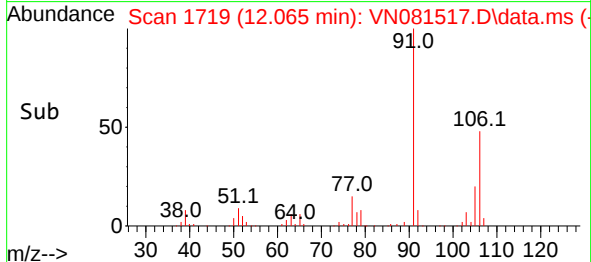
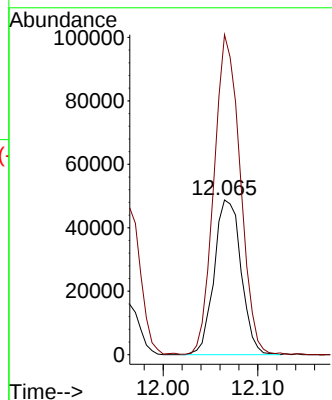
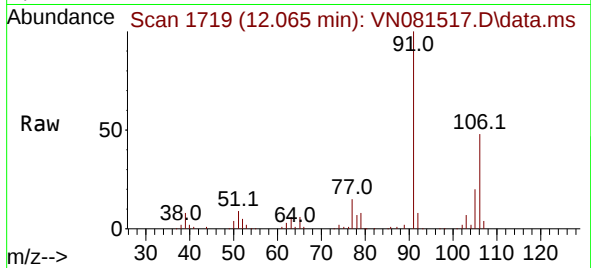




#68
m/p-Xylenes
Concen: 8.202 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081517.D
Acq: 21 Mar 2024 14:14

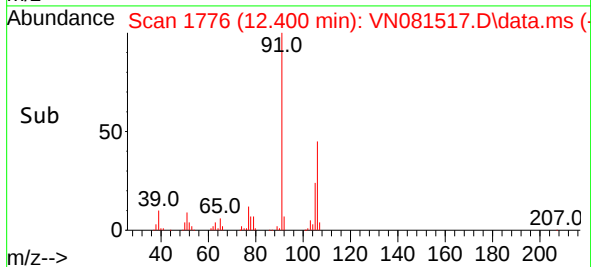
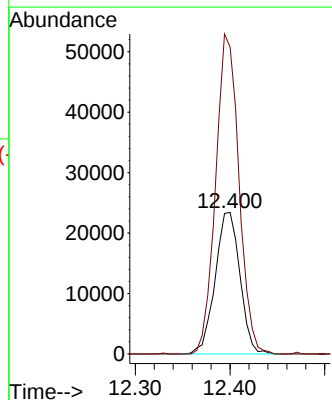
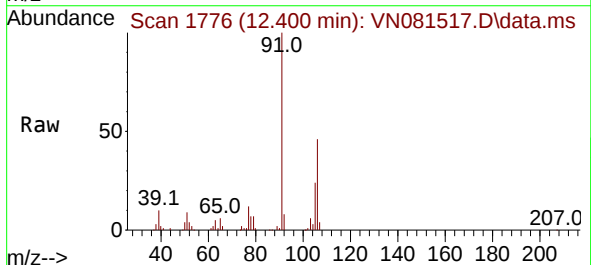
Instrument :
MSVOA_N
ClientSampleId :
50296DL2

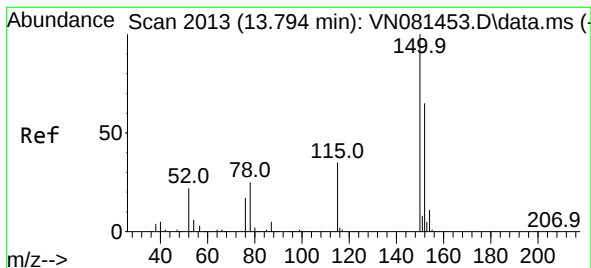
Tgt Ion:106 Resp: 96375
Ion Ratio Lower Upper
106 100
91 200.5 169.0 253.6



#69
o-Xylene
Concen: 3.687 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081517.D
Acq: 21 Mar 2024 14:14

Tgt Ion:106 Resp: 42533
Ion Ratio Lower Upper
106 100
91 212.7 112.1 336.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN081517.D

Acq: 21 Mar 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

50296DL2

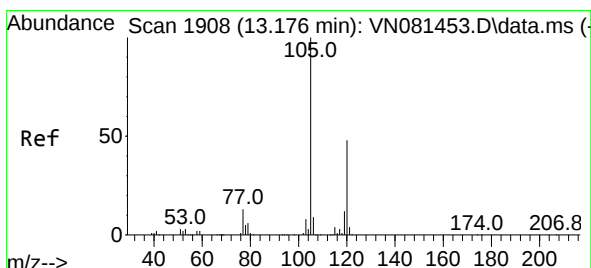
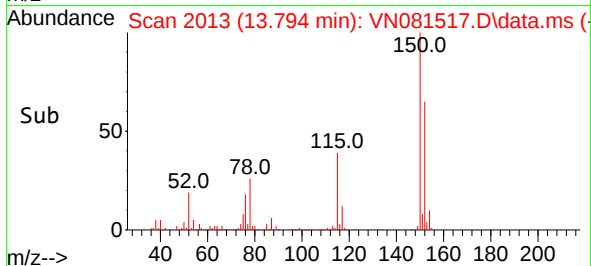
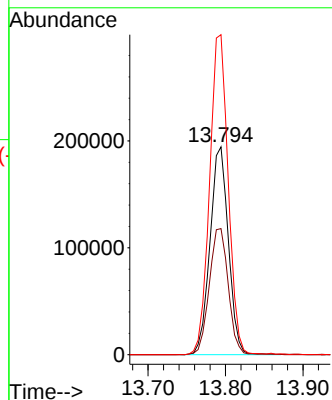
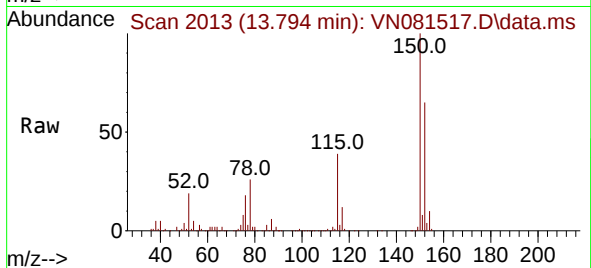
Tgt Ion:152 Resp: 321285

Ion Ratio Lower Upper

152 100

115 62.8 32.3 96.8

150 155.4 0.0 339.8



#80

1,3,5-Trimethylbenzene

Concen: 0.293 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN081517.D

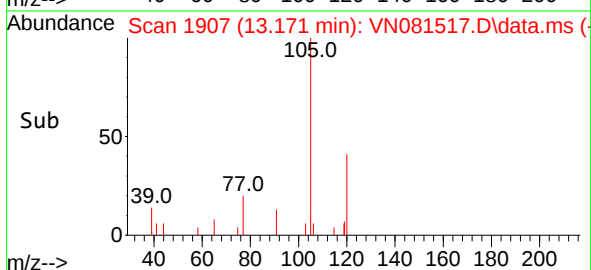
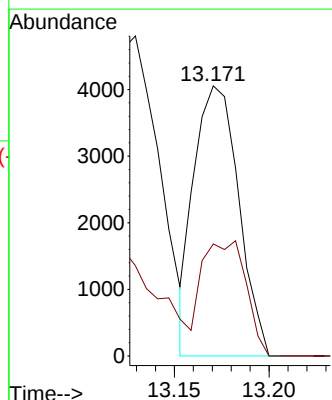
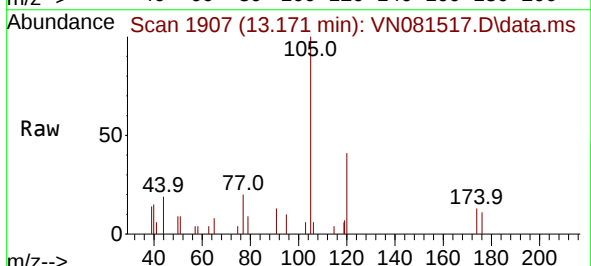
Acq: 21 Mar 2024 14:14

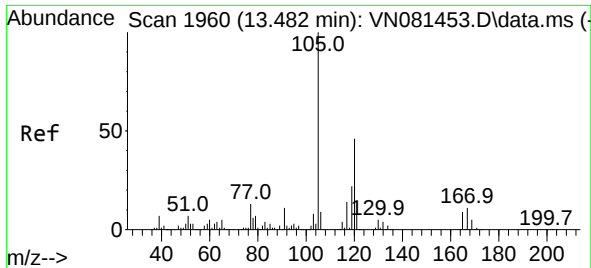
Tgt Ion:105 Resp: 6621

Ion Ratio Lower Upper

105 100

120 41.7 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 1.096 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081517.D

Acq: 21 Mar 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

50296DL2

Tgt Ion:105 Resp: 24916

Ion Ratio Lower Upper

105 100

120 45.0 20.9 62.7

