

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082777.D
 Acq On : 01 Jul 2024 19:54
 Operator : JC\MD
 Sample : P3110-02DL 10X
 Misc : 1.30g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 166DL

Quant Time: Jul 02 00:13:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

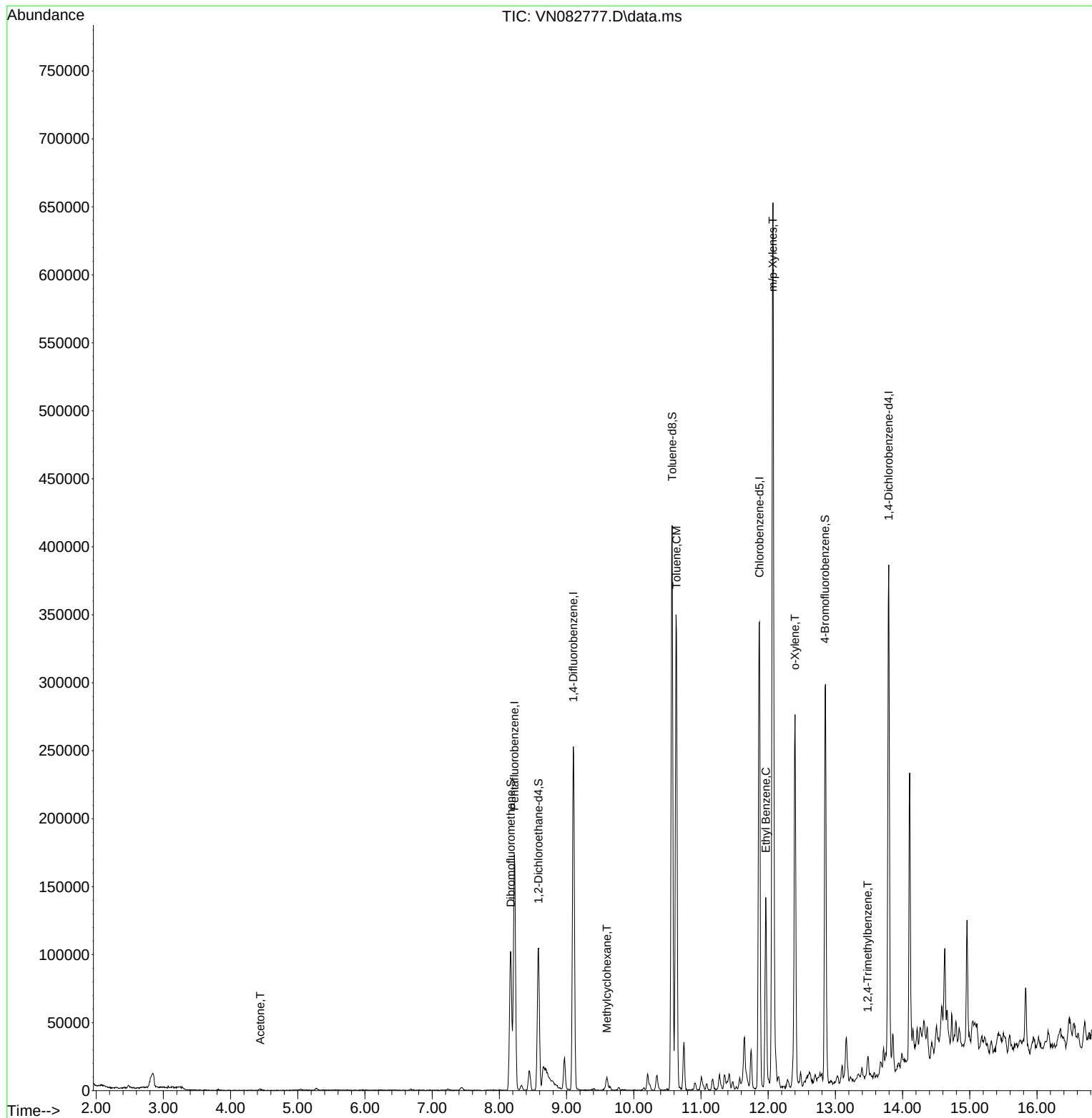
Internal Standards						
1) Pentafluorobenzene	8.224	168	116643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	217669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	201806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	87146	48.446	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.900%
35) Dibromofluoromethane	8.171	113	73697	51.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.840%
50) Toluene-d8	10.571	98	277641	51.803	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.600%
62) 4-Bromofluorobenzene	12.847	95	99224	53.909	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	107.820%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	2110	3.096	ug/l	97
39) Methylcyclohexane	9.600	83	3529	1.650	ug/l #	86
52) Toluene	10.635	92	153745	38.746	ug/l	98
67) Ethyl Benzene	11.965	91	99153	13.272	ug/l	92
68) m/p-Xylenes	12.070	106	178850	64.339	ug/l	98
69) o-Xylene	12.400	106	72526	27.072	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	10639	1.930	ug/l	97

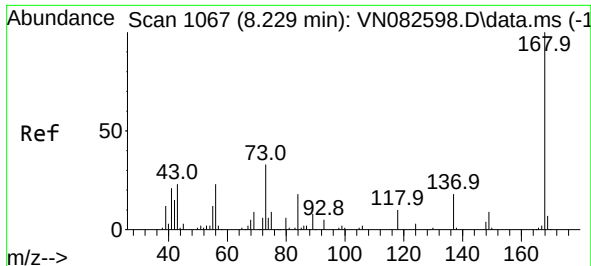
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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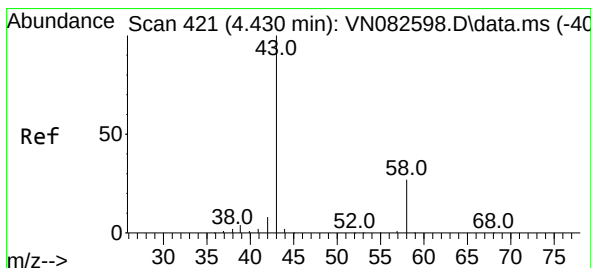
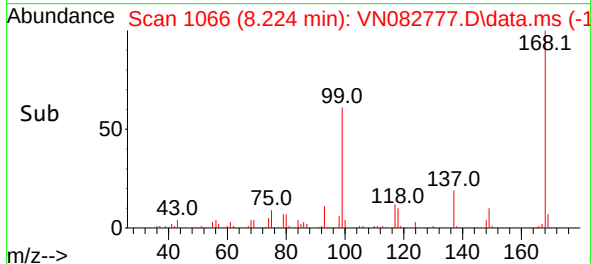
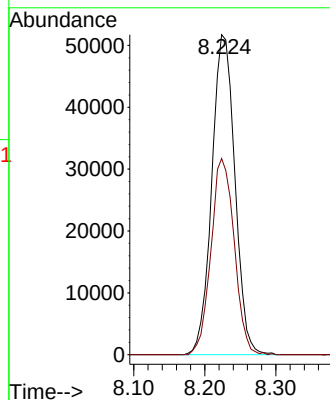
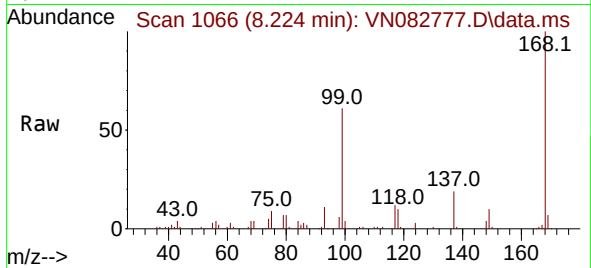




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082777.D
Acq: 01 Jul 2024 19:54

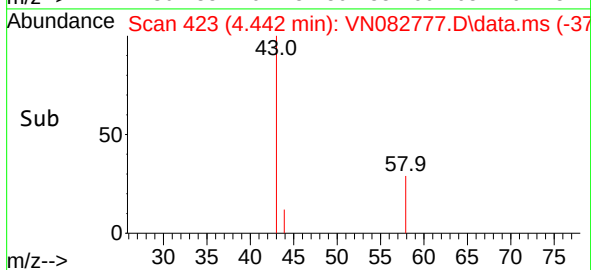
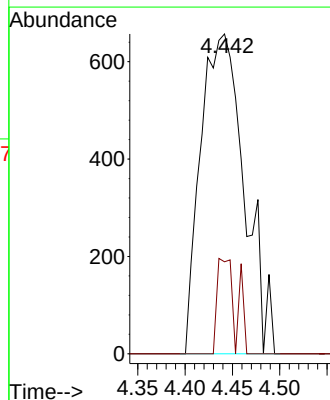
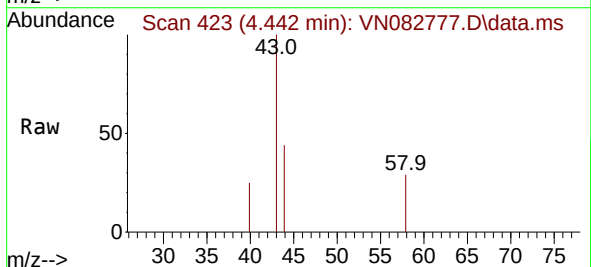
Instrument :
MSVOA_N
ClientSampleId :
166DL

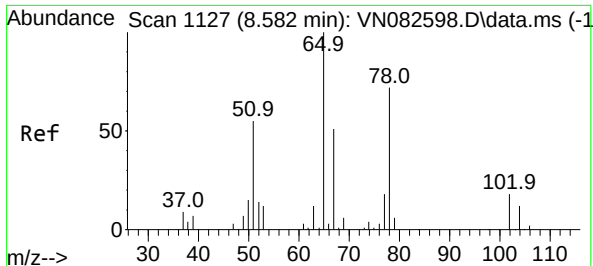
Tgt Ion:168 Resp: 116643
Ion Ratio Lower Upper
168 100
99 61.3 48.2 72.4



#16
Acetone
Concen: 3.096 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082777.D
Acq: 01 Jul 2024 19:54

Tgt Ion: 43 Resp: 2110
Ion Ratio Lower Upper
43 100
58 28.8 21.8 32.6

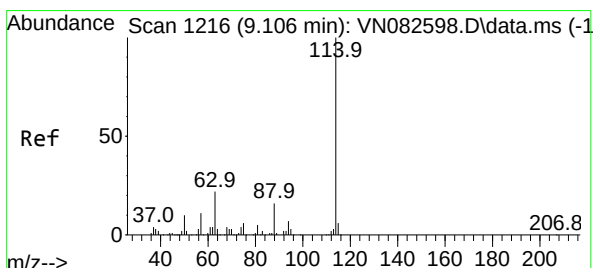
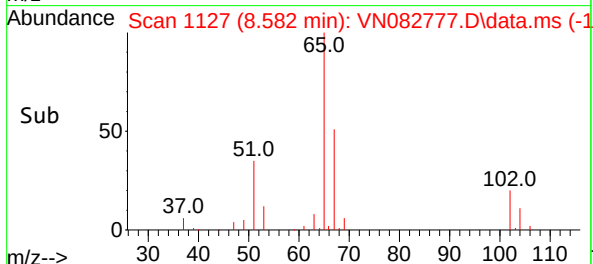
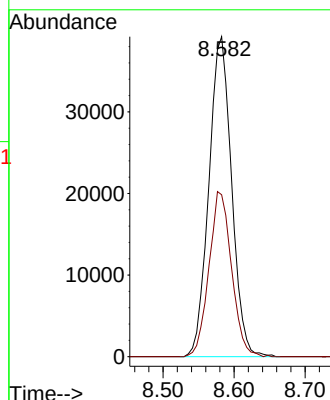
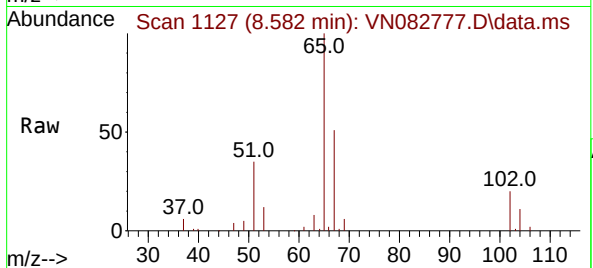




#33
 1,2-Dichloroethane-d4
 Concen: 48.446 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082777.D
 Acq: 01 Jul 2024 19:54

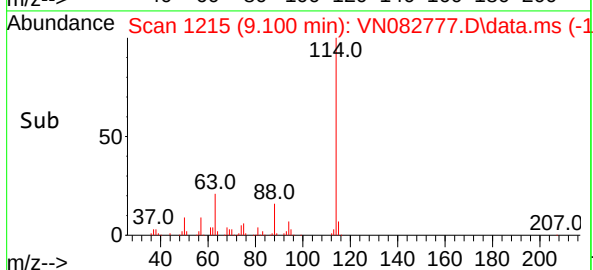
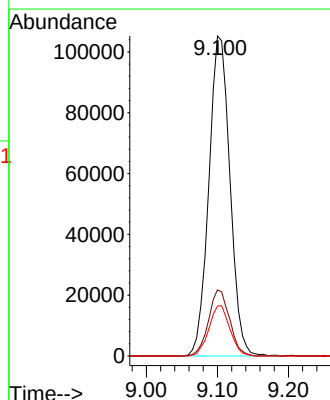
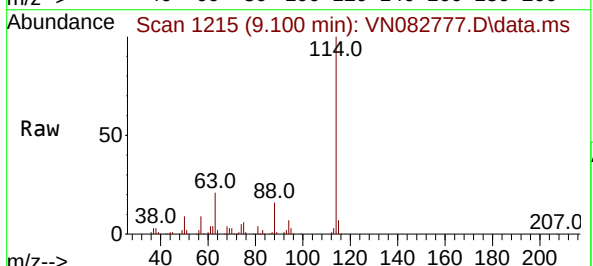
Instrument :
 MSVOA_N
 ClientSampleId :
 166DL

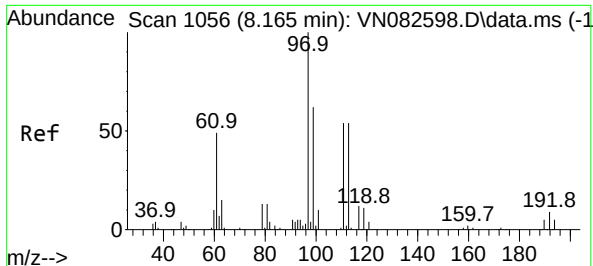
Tgt Ion: 65 Resp: 87146
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN082777.D
 Acq: 01 Jul 2024 19:54

Tgt Ion: 114 Resp: 217669
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 44.6
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.424 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082777.D

Acq: 01 Jul 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

166DL

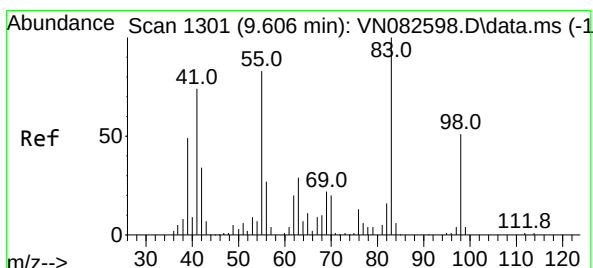
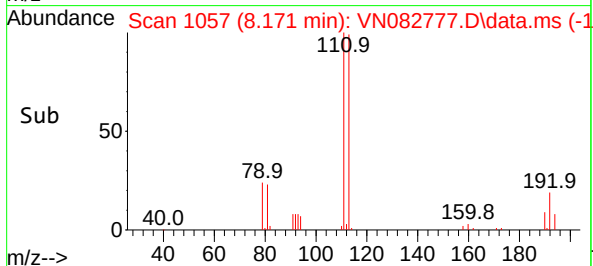
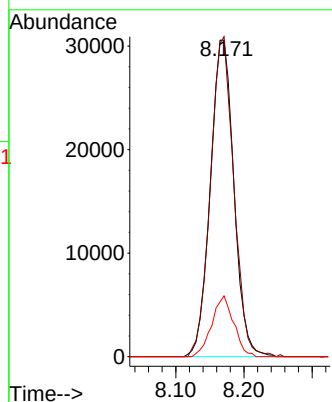
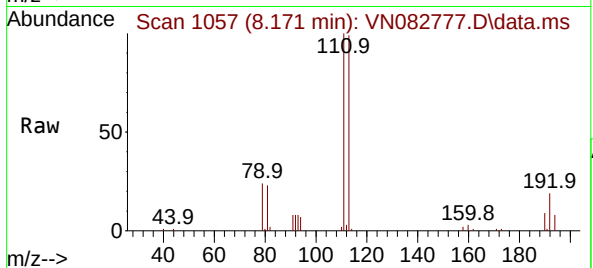
Tgt Ion:113 Resp: 73697

Ion Ratio Lower Upper

113 100

111 99.6 82.4 123.6

192 17.8 14.9 22.3



#39

Methylcyclohexane

Concen: 1.650 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN082777.D

Acq: 01 Jul 2024 19:54

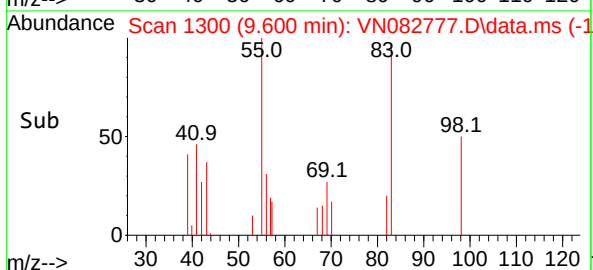
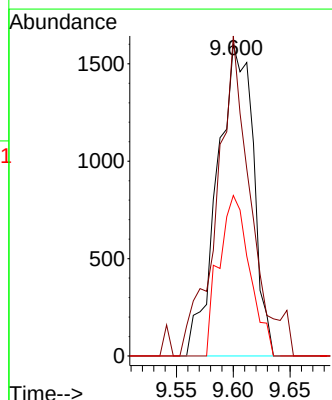
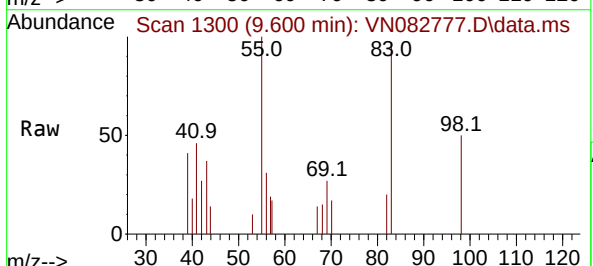
Tgt Ion: 83 Resp: 3529

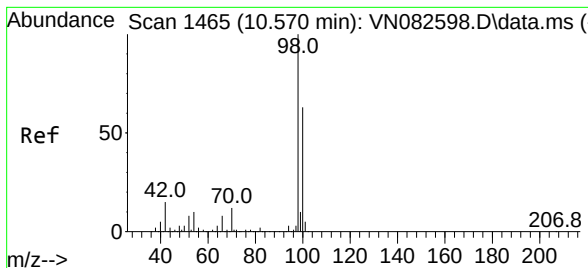
Ion Ratio Lower Upper

83 100

55 102.8 66.4 99.6

98 51.5 40.7 61.1

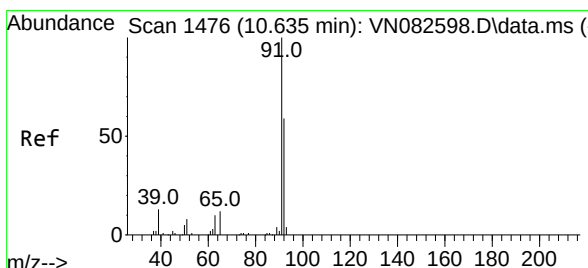
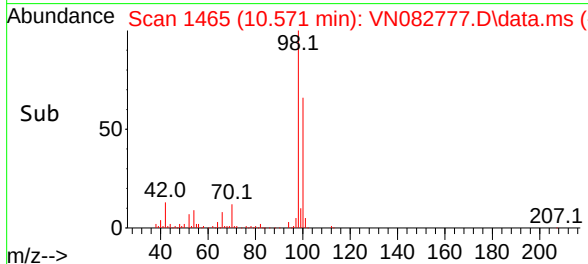
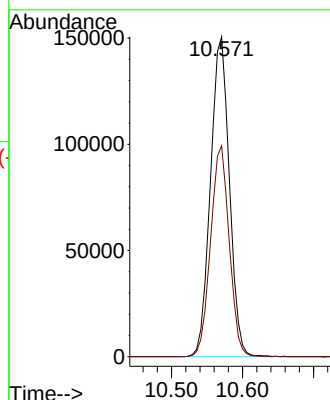
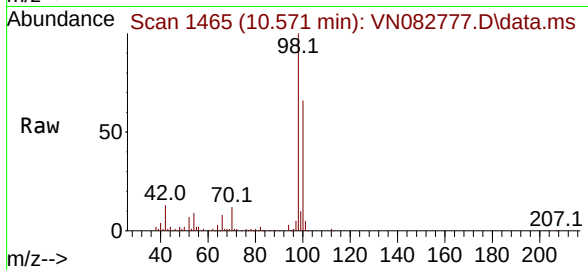




#50
Toluene-d8
Concen: 51.803 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082777.D
Acq: 01 Jul 2024 19:54

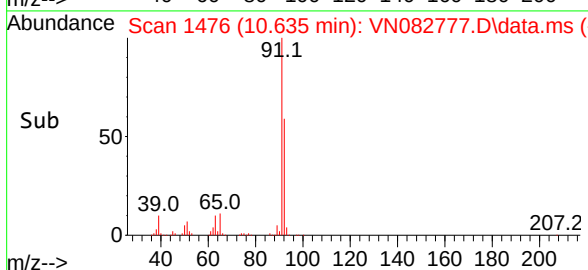
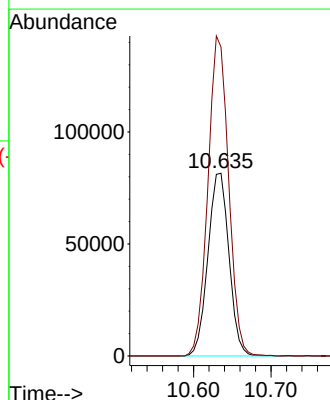
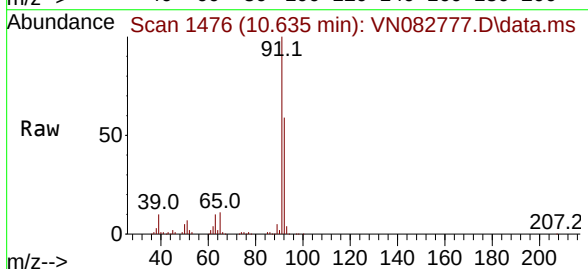
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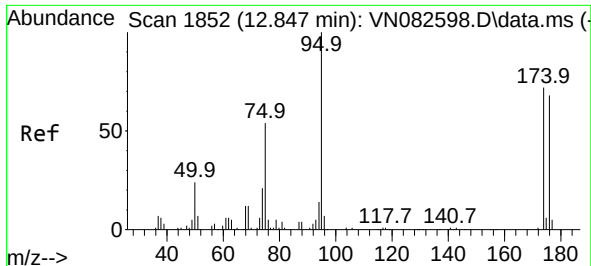
Tgt Ion: 98 Resp: 277641
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



#52
Toluene
Concen: 38.746 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082777.D
Acq: 01 Jul 2024 19:54

Tgt Ion: 92 Resp: 153745
Ion Ratio Lower Upper
92 100
91 171.9 139.4 209.0

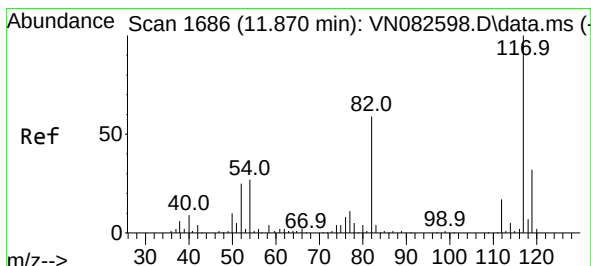
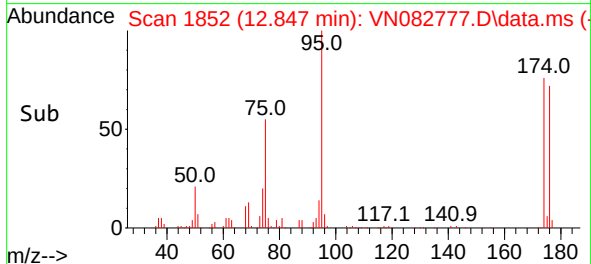
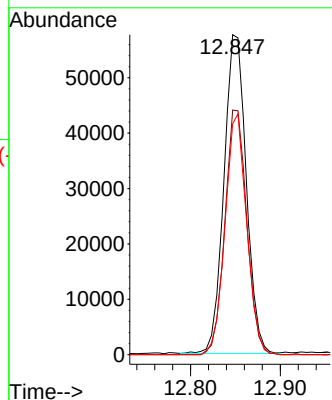
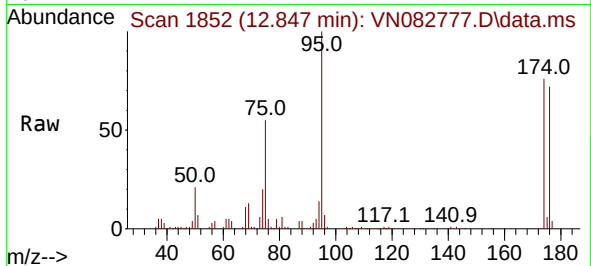




#62
4-Bromofluorobenzene
Concen: 53.909 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082777.D
Acq: 01 Jul 2024 19:54

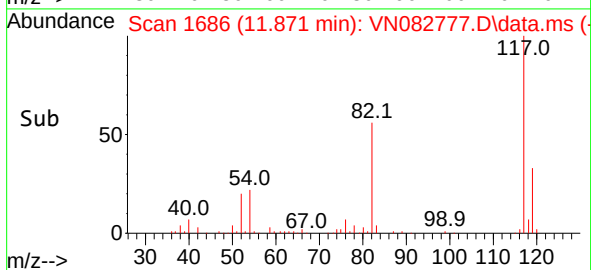
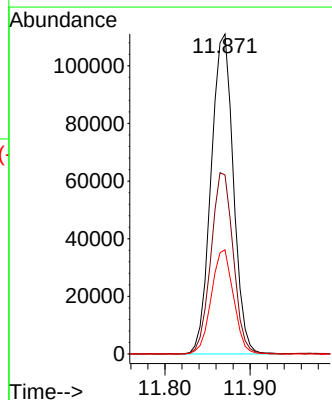
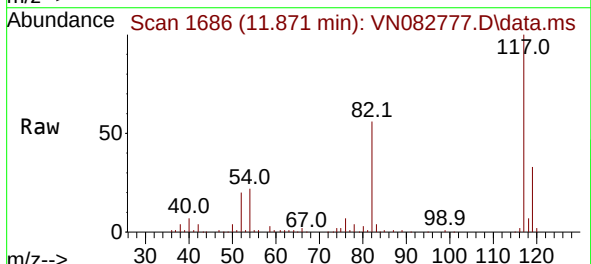
Instrument :
MSVOA_N
ClientSampleId :
166DL

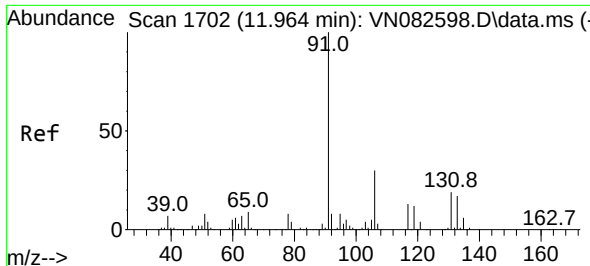
Tgt Ion: 95 Resp: 99224
Ion Ratio Lower Upper
95 100
174 75.4 0.0 159.2
176 72.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN082777.D
Acq: 01 Jul 2024 19:54

Tgt Ion: 117 Resp: 201806
Ion Ratio Lower Upper
117 100
82 56.0 47.5 71.3
119 32.6 25.6 38.4





#67

Ethyl Benzene

Concen: 13.272 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.001 min

Lab File: VN082777.D

Acq: 01 Jul 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

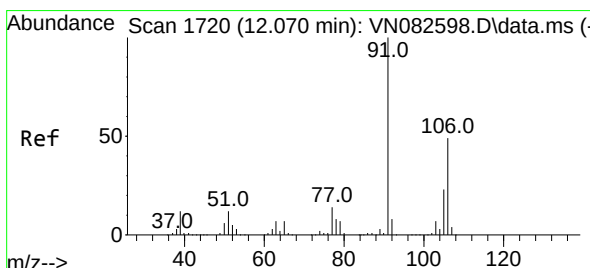
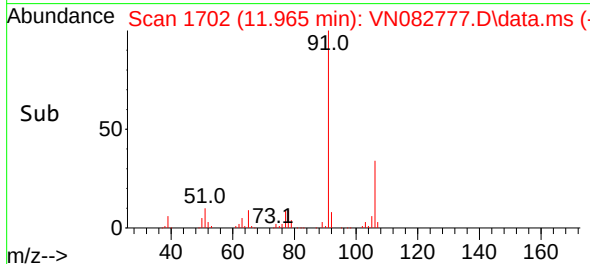
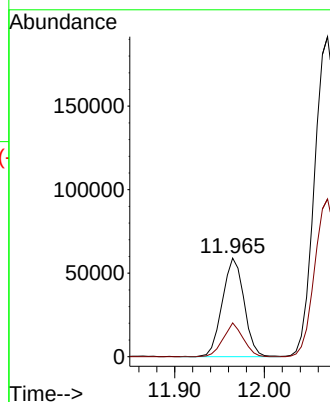
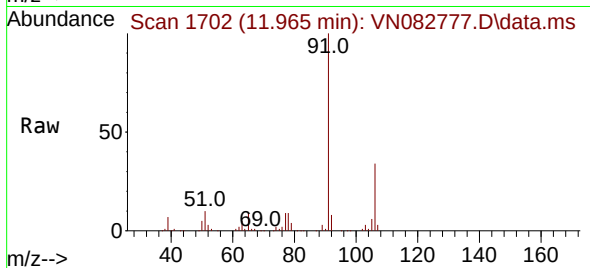
166DL

Tgt Ion: 91 Resp: 99153

Ion Ratio Lower Upper

91 100

106 34.3 24.0 36.0



#68

m/p-Xylenes

Concen: 64.339 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN082777.D

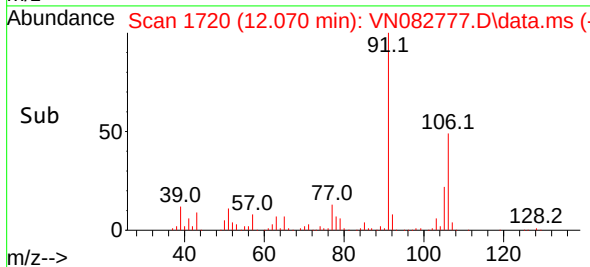
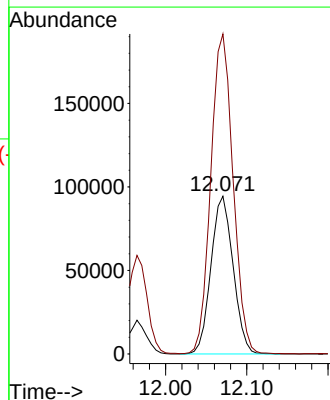
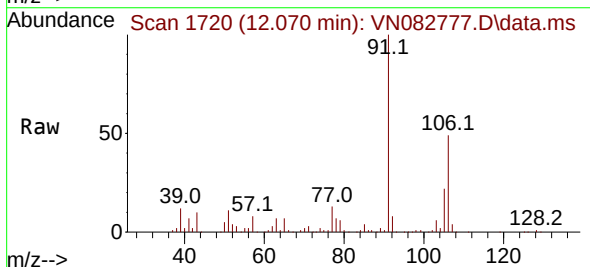
Acq: 01 Jul 2024 19:54

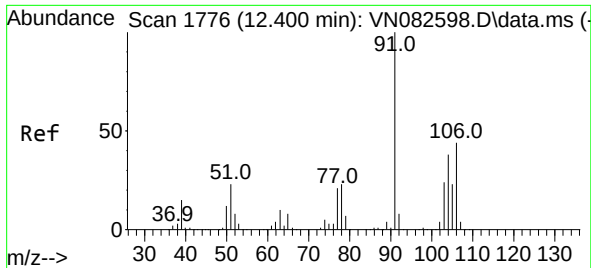
Tgt Ion:106 Resp: 178850

Ion Ratio Lower Upper

106 100

91 204.7 166.1 249.1

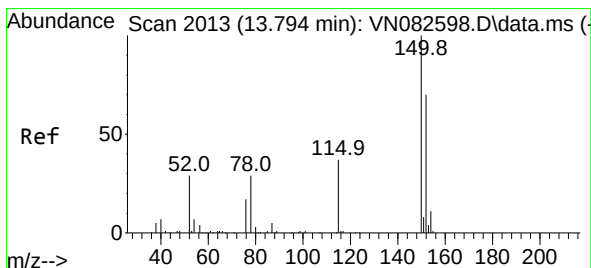
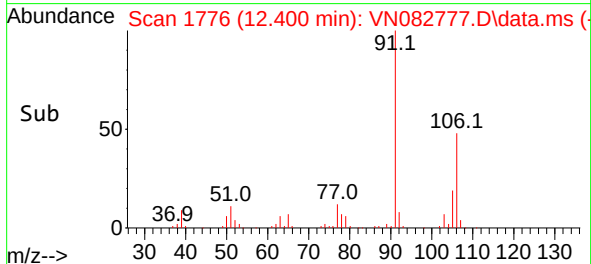
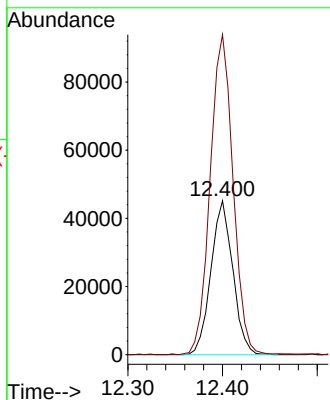
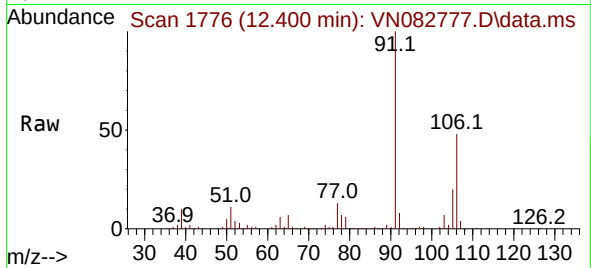




#69
o-Xylene
Concen: 27.072 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082777.D
Acq: 01 Jul 2024 19:54

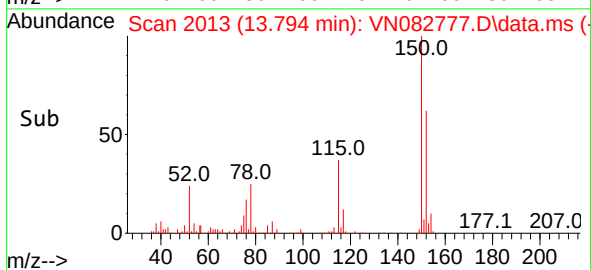
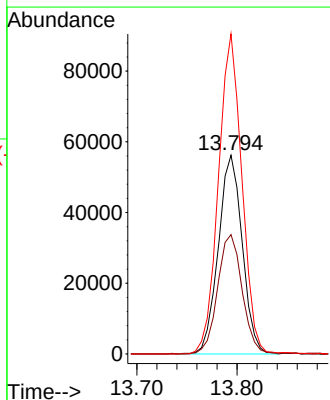
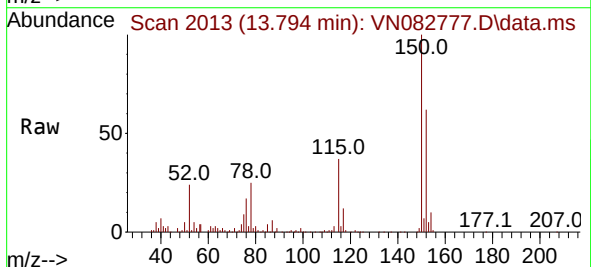
Instrument :
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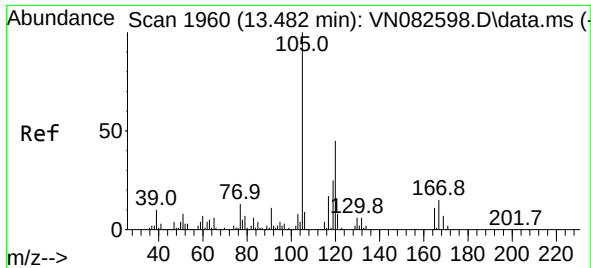
Tgt Ion:106 Resp: 72526
Ion Ratio Lower Upper
106 100
91 217.4 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082777.D
Acq: 01 Jul 2024 19:54

Tgt Ion:152 Resp: 93095
Ion Ratio Lower Upper
152 100
115 61.5 30.6 91.6
150 157.9 0.0 348.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.930 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN082777.D
 Acq: 01 Jul 2024 19:54

Instrument :
 MSVOA_N
 ClientSampleId :
 166DL

Tgt Ion:105 Resp: 10639
 Ion Ratio Lower Upper
 105 100
 120 45.7 21.9 65.8

