

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082279.D
 Acq On : 22 May 2024 07:33
 Operator : JC\MD
 Sample : P2494-20 40X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 19

Quant Time: May 22 08:35:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

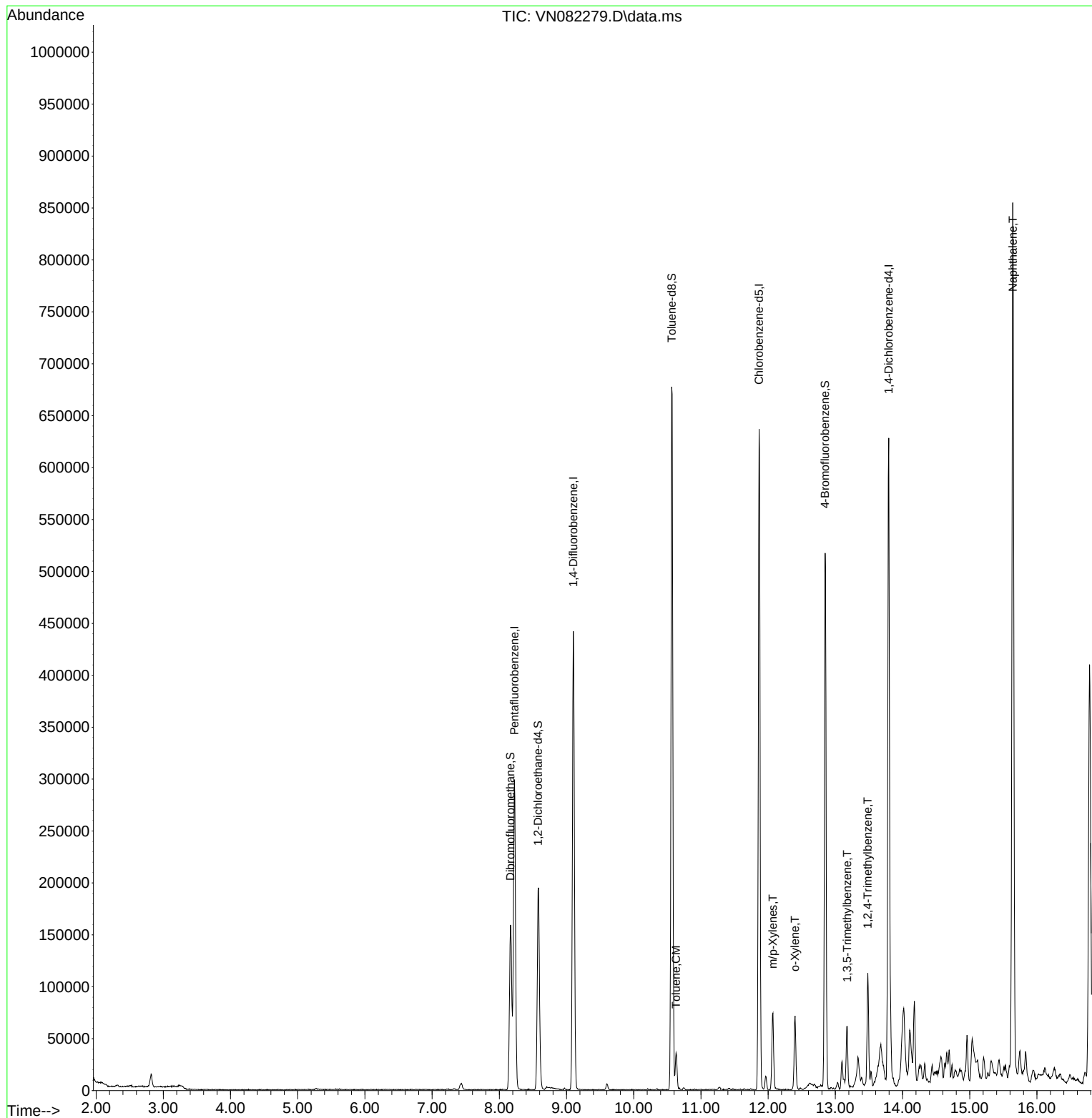
Internal Standards						
1) Pentafluorobenzene	8.224	168	201965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	352297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	335200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159523	50.022	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.040%	
35) Dibromofluoromethane	8.165	113	111641	51.515	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.020%	
50) Toluene-d8	10.565	98	447426	53.850	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.700%	
62) 4-Bromofluorobenzene	12.847	95	166028	55.985	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 111.960%	
Target Compounds						
					Qvalue	
52) Toluene	10.630	92	14038	2.158	ug/l	94
68) m/p-Xylenes	12.071	106	20665	4.256	ug/l	89
69) o-Xylene	12.400	106	17451	3.711	ug/l	86
80) 1,3,5-Trimethylbenzene	13.176	105	28369	2.854	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	57480	5.652	ug/l	99
95) Naphthalene	15.641	128	751222	85.113	ug/l	99

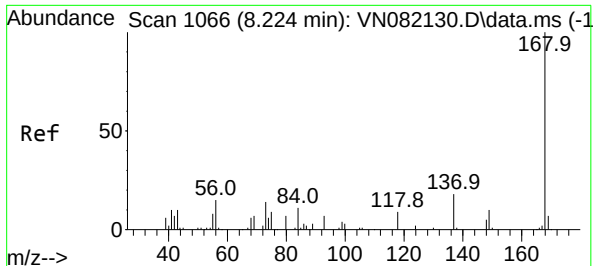
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

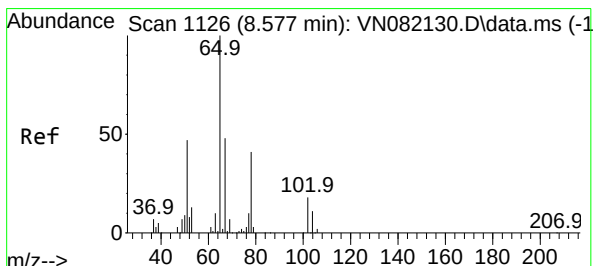
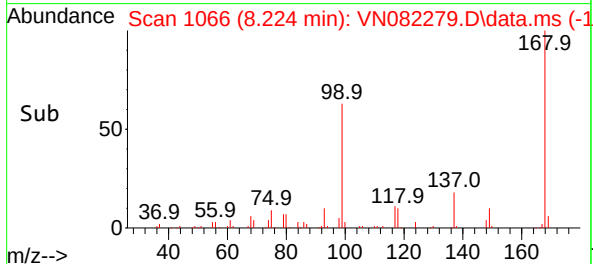
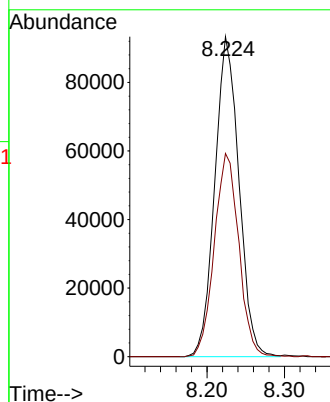
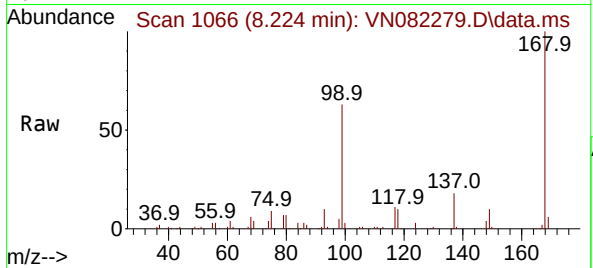




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082279.D
Acq: 22 May 2024 07:33

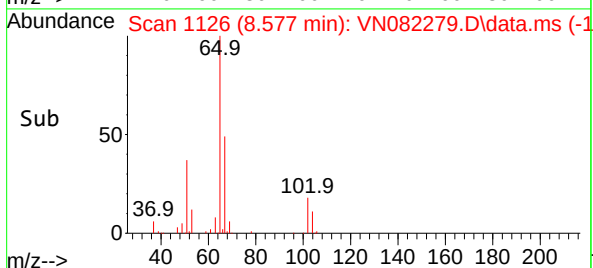
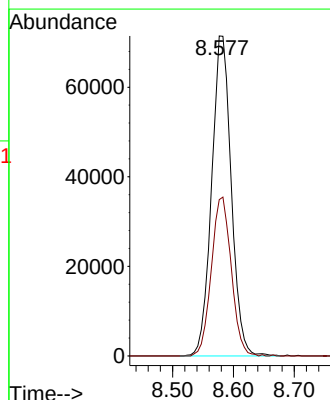
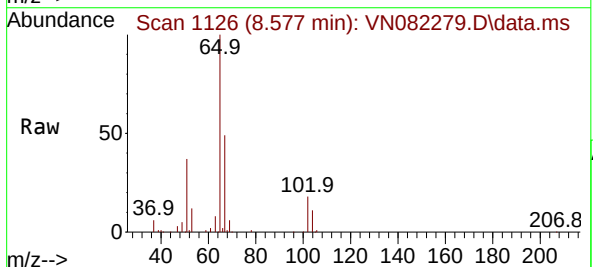
Instrument :
MSVOA_N
ClientSampleId :
19

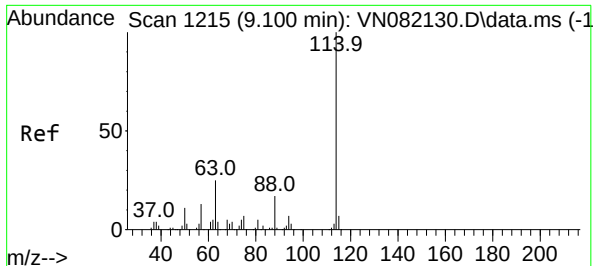
Tgt Ion:168 Resp: 201965
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.022 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082279.D
Acq: 22 May 2024 07:33

Tgt Ion: 65 Resp: 159523
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0

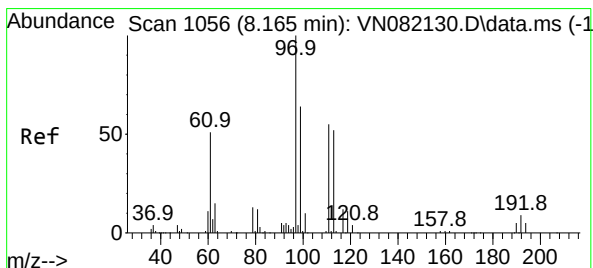
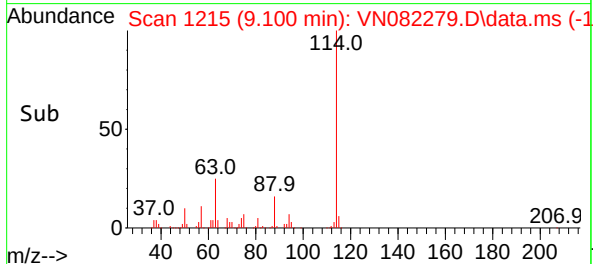
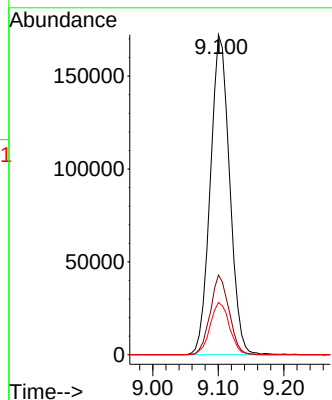
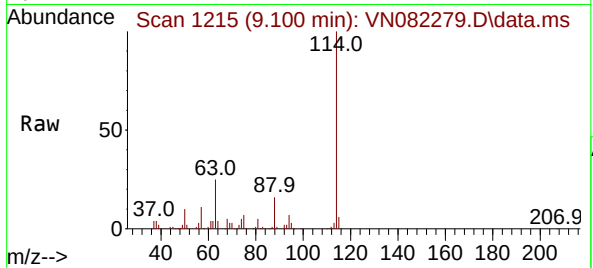




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082279.D
Acq: 22 May 2024 07:33

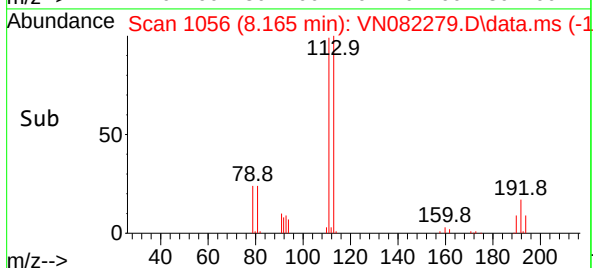
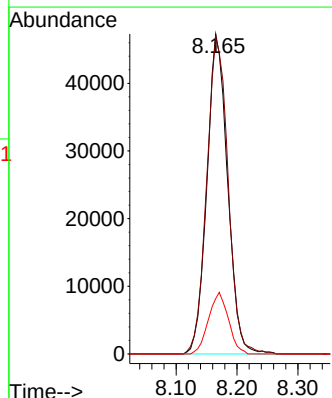
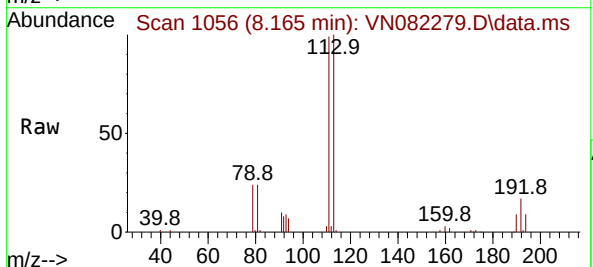
Instrument :
MSVOA_N
ClientSampleId :
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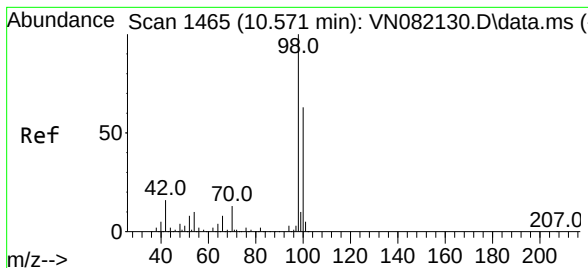
Tgt Ion:114 Resp: 352297
Ion Ratio Lower Upper
114 100
63 24.9 0.0 41.0
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.515 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082279.D
Acq: 22 May 2024 07:33

Tgt Ion:113 Resp: 111641
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.2
192 18.5 14.0 21.0

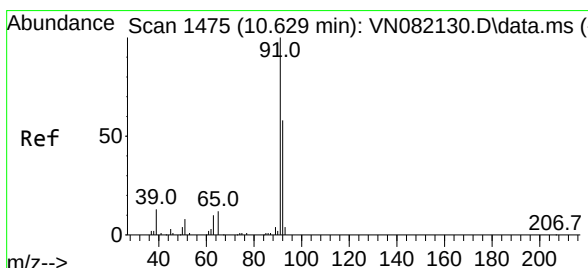
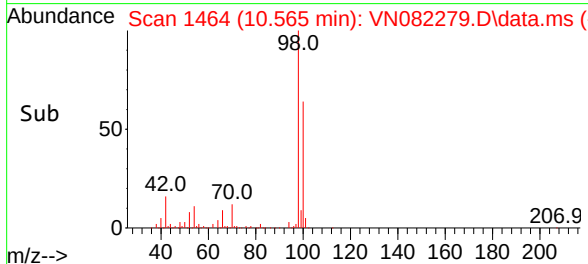
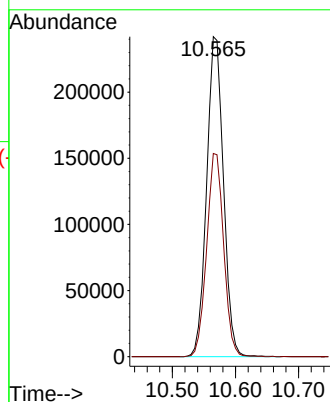
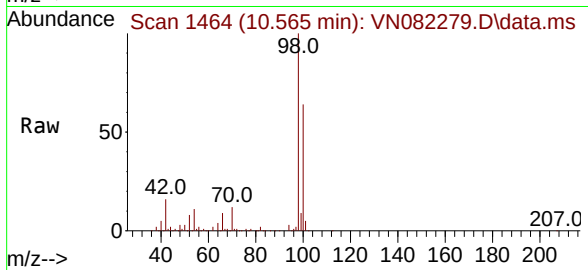




#50
Toluene-d8
Concen: 53.850 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN082279.D
Acq: 22 May 2024 07:33

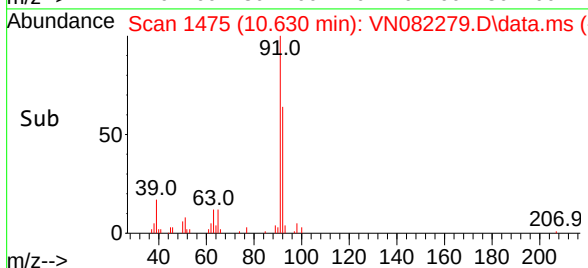
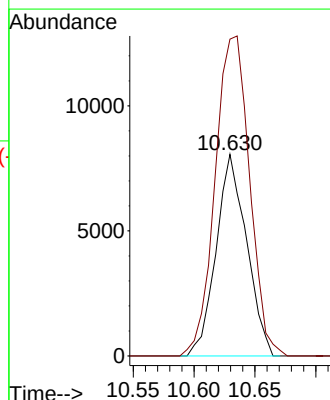
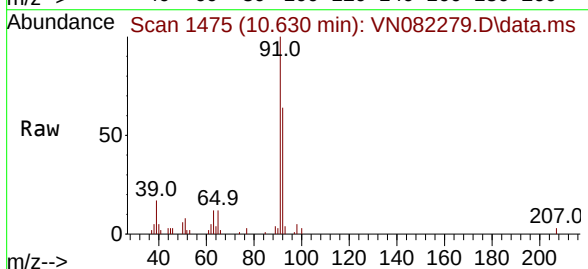
Instrument :
MSVOA_N
ClientSampleId :
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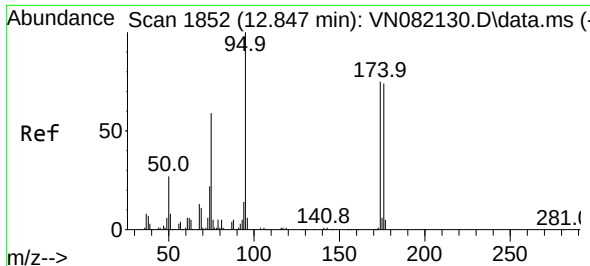
Tgt Ion: 98 Resp: 447426
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#52
Toluene
Concen: 2.158 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082279.D
Acq: 22 May 2024 07:33

Tgt Ion: 92 Resp: 14038
Ion Ratio Lower Upper
92 100
91 179.5 136.7 205.1

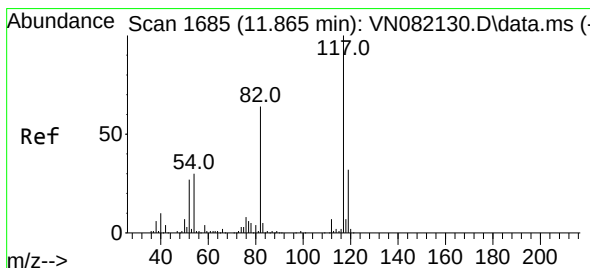
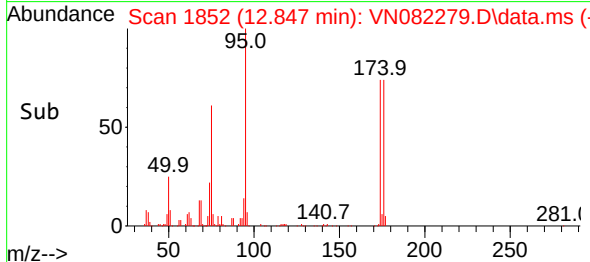
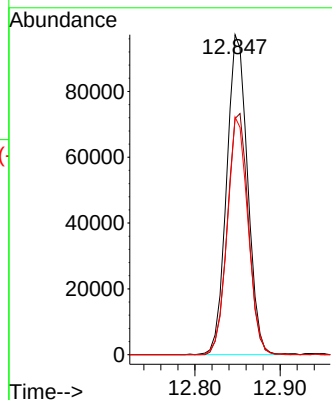
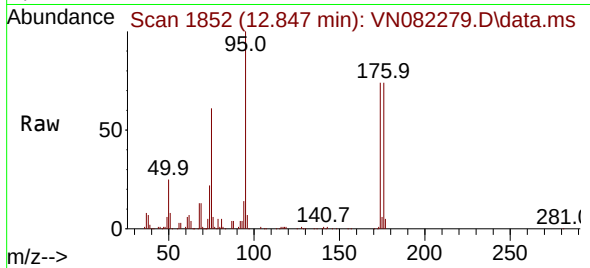




#62
4-Bromofluorobenzene
Concen: 55.985 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082279.D
Acq: 22 May 2024 07:33

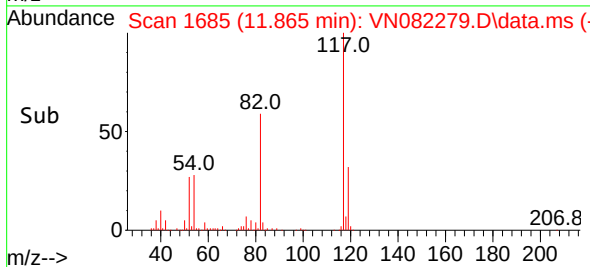
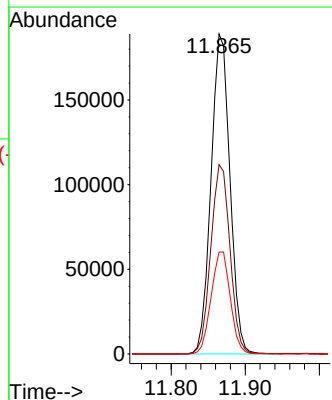
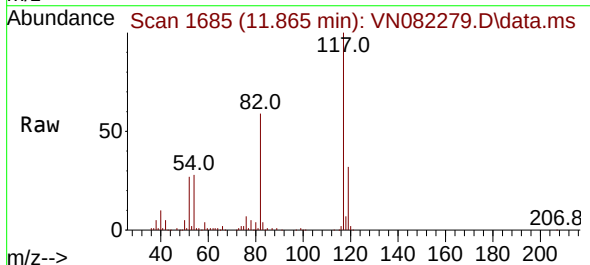
Instrument :
MSVOA_N
ClientSampleId :
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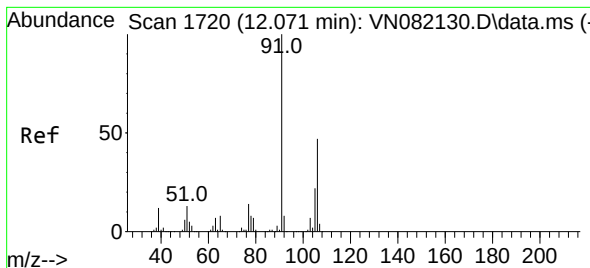
Tgt Ion: 95 Resp: 166028
Ion Ratio Lower Upper
95 100
174 75.9 0.0 160.6
176 73.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082279.D
Acq: 22 May 2024 07:33

Tgt Ion: 117 Resp: 335200
Ion Ratio Lower Upper
117 100
82 59.1 44.6 66.8
119 31.9 25.9 38.9

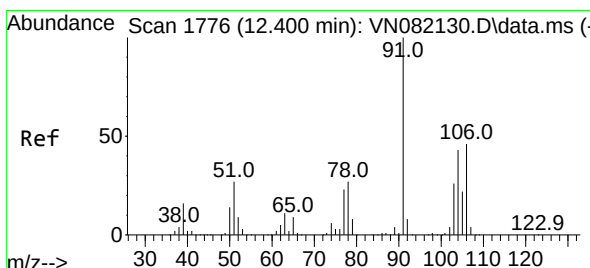
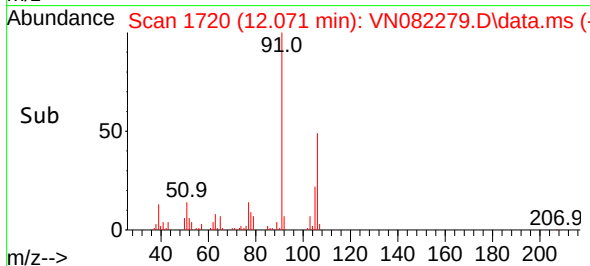
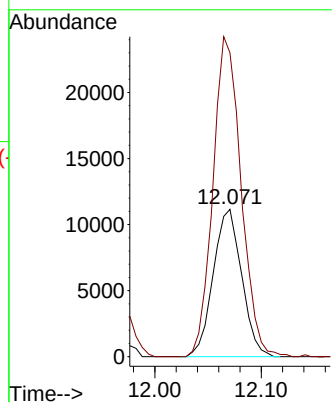
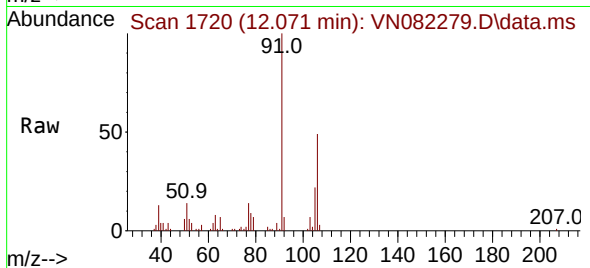




#68
m/p-Xylenes
Concen: 4.256 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082279.D
Acq: 22 May 2024 07:33

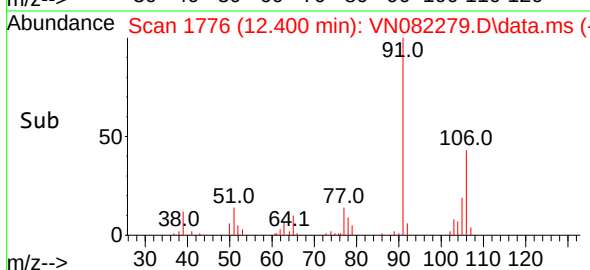
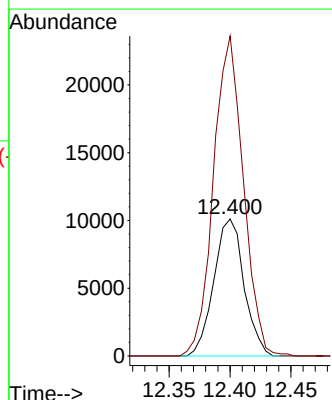
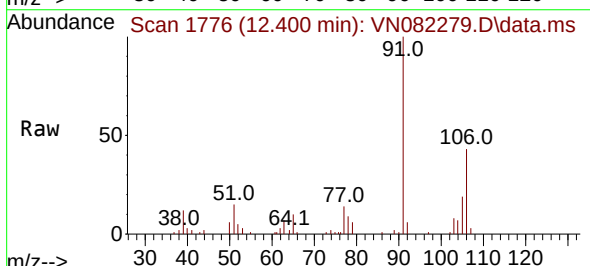
Instrument :
MSVOA_N
ClientSampleId :
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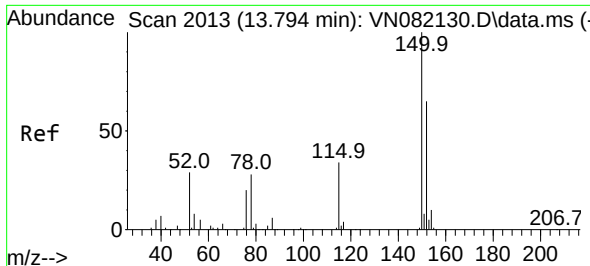
Tgt Ion:106 Resp: 20665
Ion Ratio Lower Upper
106 100
91 215.1 159.4 239.0



#69
o-Xylene
Concen: 3.711 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082279.D
Acq: 22 May 2024 07:33

Tgt Ion:106 Resp: 17451
Ion Ratio Lower Upper
106 100
91 230.8 104.7 314.1

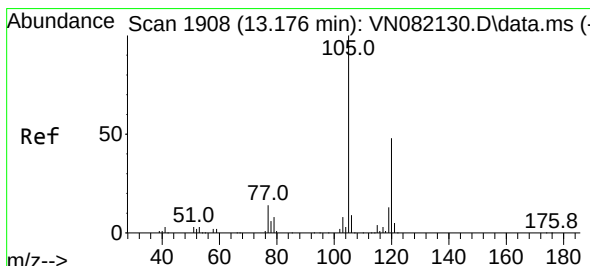
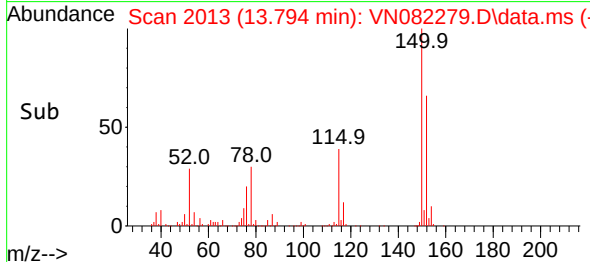
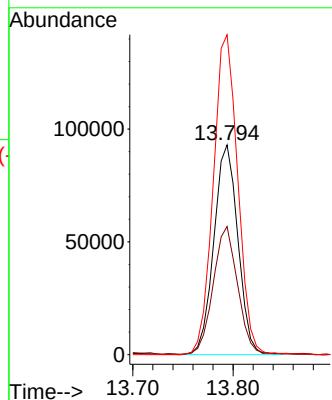
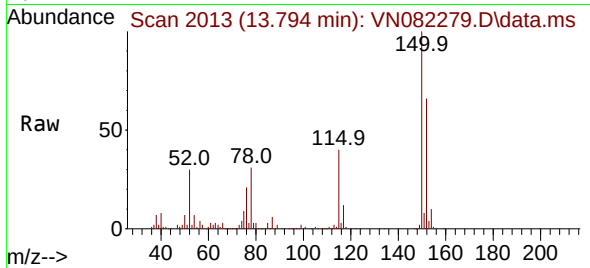




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082279.D
 Acq: 22 May 2024 07:33

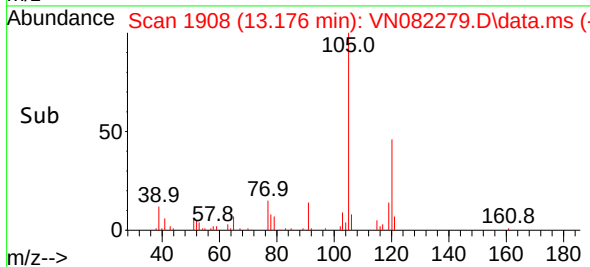
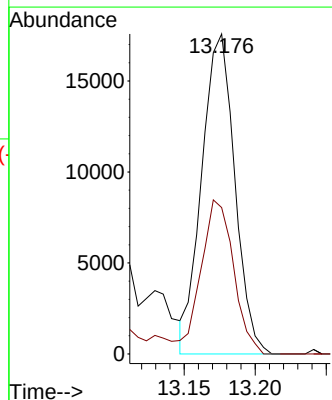
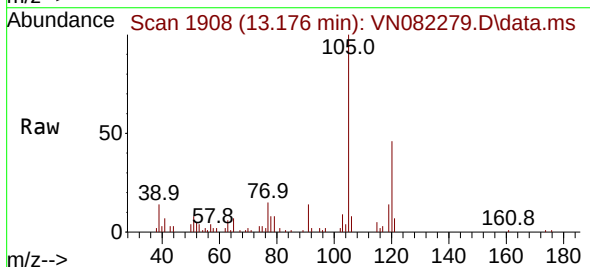
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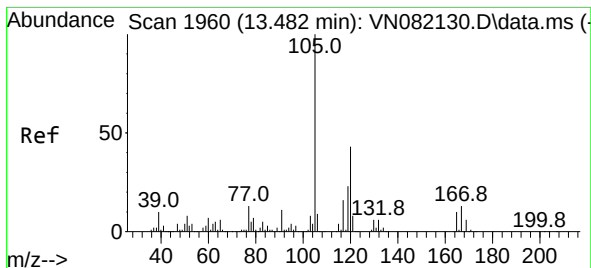
Tgt Ion:152 Resp: 154754
 Ion Ratio Lower Upper
 152 100
 115 63.1 30.4 91.3
 150 155.3 0.0 353.2



#80
 1,3,5-Trimethylbenzene
 Concen: 2.854 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN082279.D
 Acq: 22 May 2024 07:33

Tgt Ion:105 Resp: 28369
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.8 74.3





#84

1,2,4-Trimethylbenzene

Concen: 5.652 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082279.D

Acq: 22 May 2024 07:33

Instrument :

MSVOA_N

ClientSampleId :

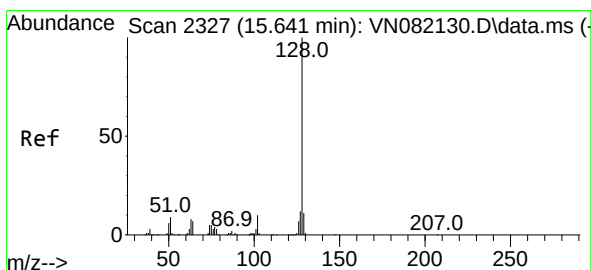
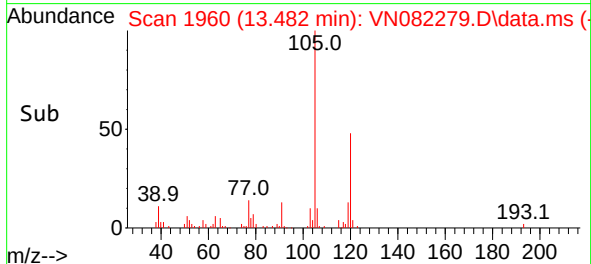
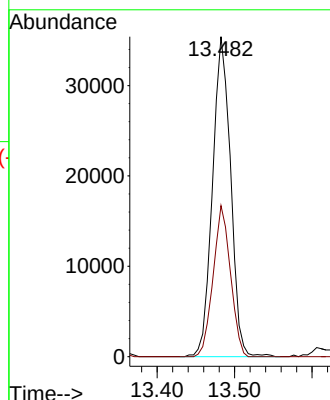
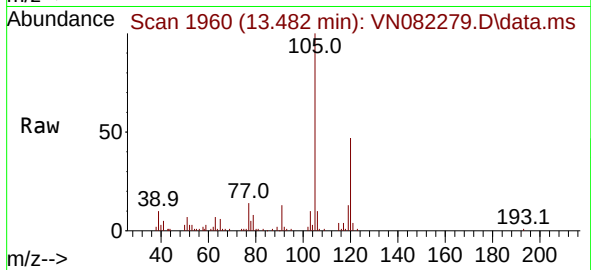
19

Tgt Ion:105 Resp: 57480

Ion Ratio Lower Upper

105 100

120 45.2 22.9 68.7



#95

Naphthalene

Concen: 85.113 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082279.D

Acq: 22 May 2024 07:33

Tgt Ion:128 Resp: 751222

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 11.0 8.9 13.3

