

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082278.D
 Acq On : 22 May 2024 07:09
 Operator : JC\MD
 Sample : P2494-18 40X
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 18

Quant Time: May 22 07:43:27 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)

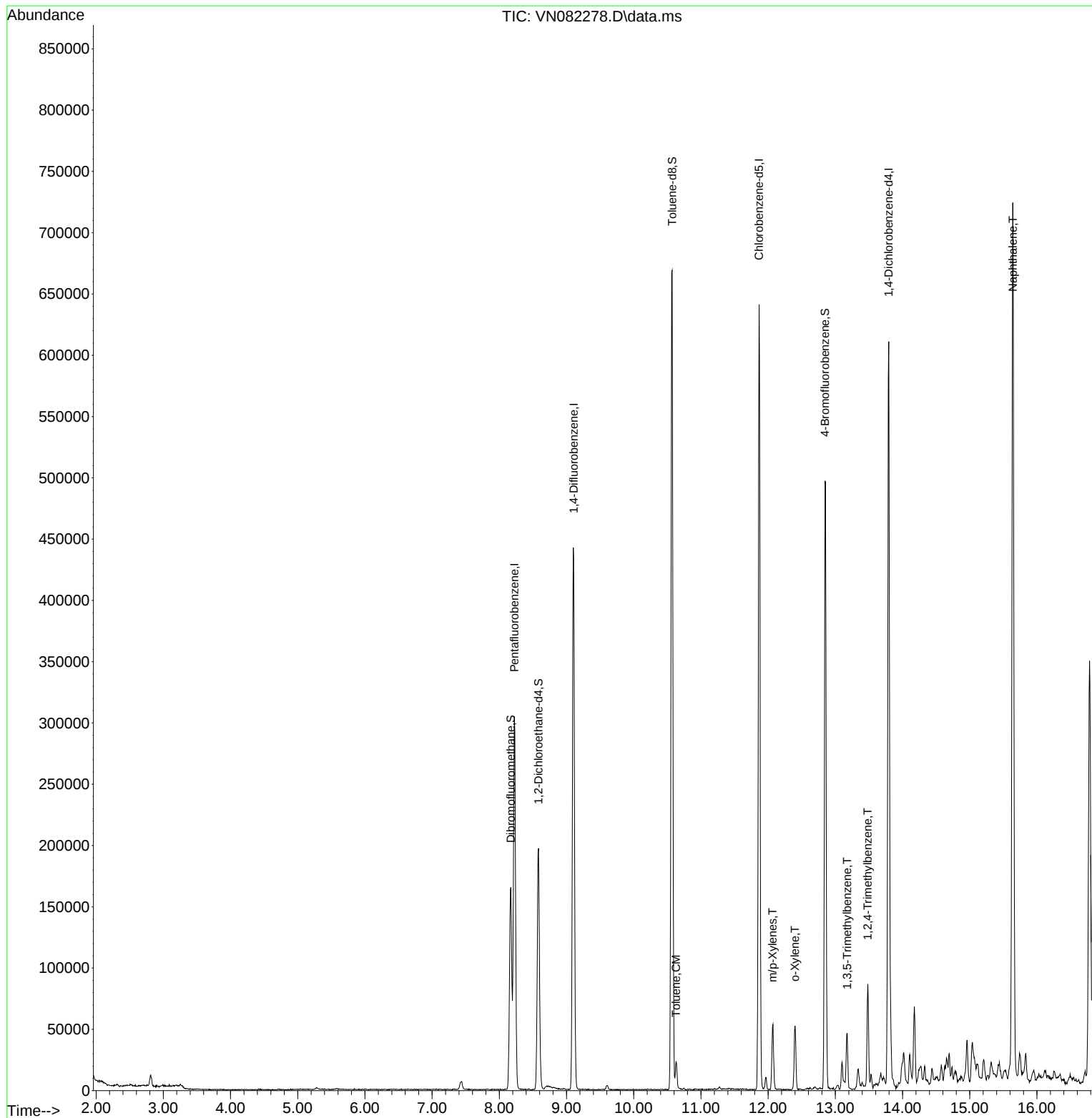
Internal Standards						
1) Pentafluorobenzene	8.224	168	208667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	362016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	335838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	163191	49.528	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.060%
35) Dibromofluoromethane	8.171	113	115024	51.651	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.300%
50) Toluene-d8	10.571	98	449059	52.595	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.847	95	163251	53.570	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	107.140%
Target Compounds						
					Qvalue	
52) Toluene	10.630	92	8329	1.246	ug/l	89
68) m/p-Xylenes	12.065	106	15219	3.129	ug/l	93
69) o-Xylene	12.400	106	13644	2.896	ug/l	94
80) 1,3,5-Trimethylbenzene	13.177	105	22040	2.250	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	46372	4.627	ug/l	96
95) Naphthalene	15.641	128	639755	73.566	ug/l	99

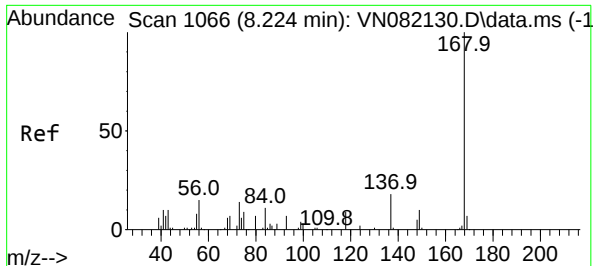
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

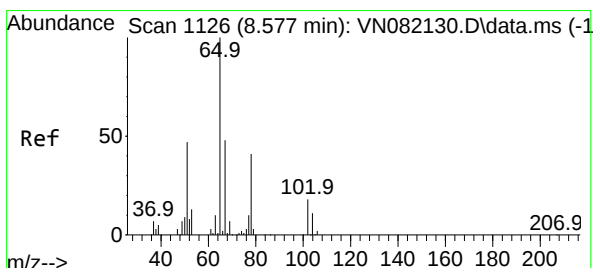
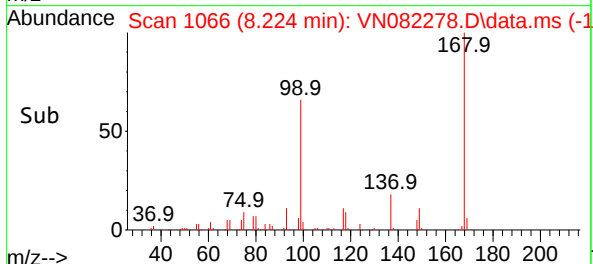
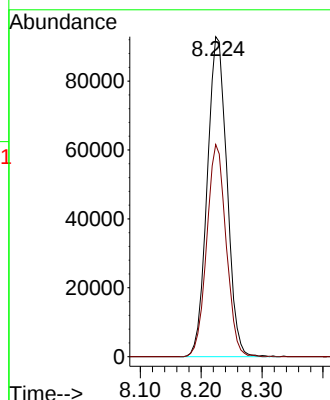
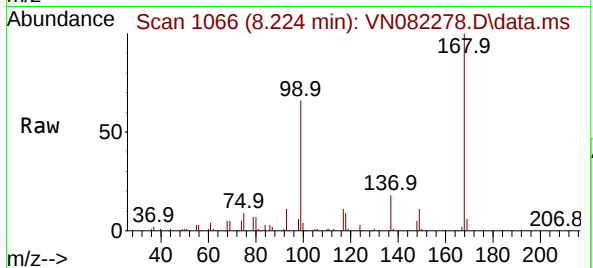




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082278.D
Acq: 22 May 2024 07:09

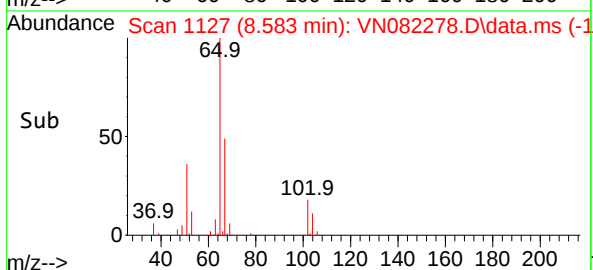
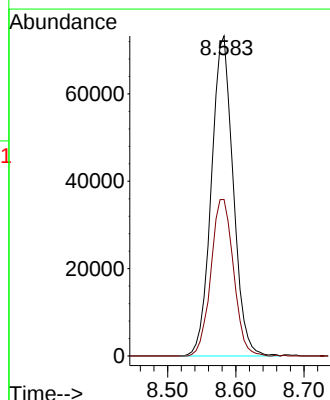
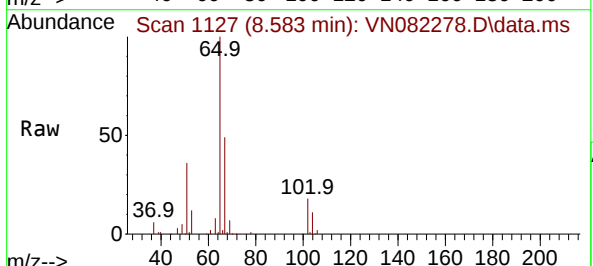
Instrument :
MSVOA_N
ClientSampleId :
18

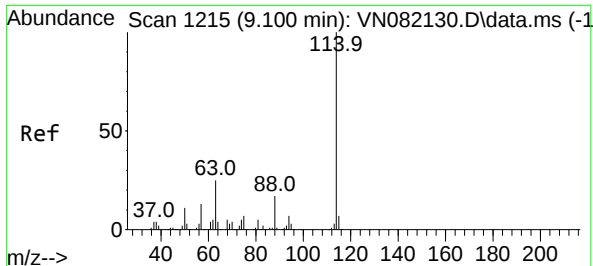
Tgt Ion:168 Resp: 208667
Ion Ratio Lower Upper
168 100
99 66.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 49.528 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082278.D
Acq: 22 May 2024 07:09

Tgt Ion: 65 Resp: 163191
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0

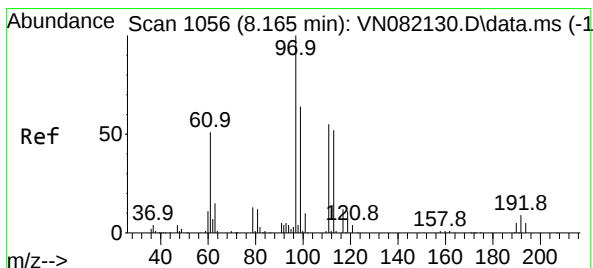
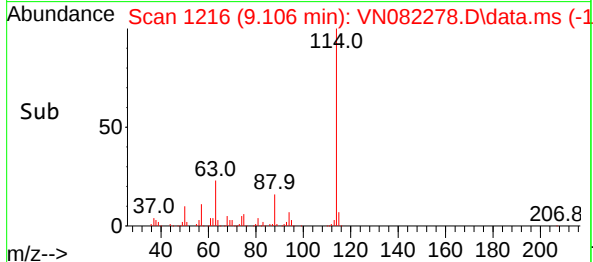
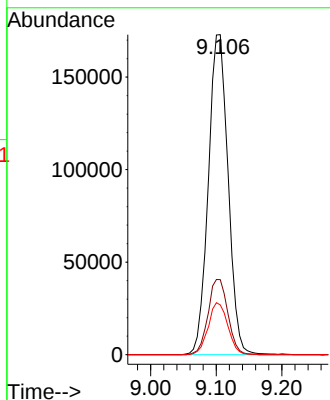
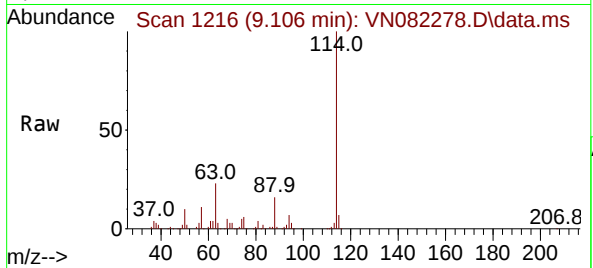




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082278.D
Acq: 22 May 2024 07:09

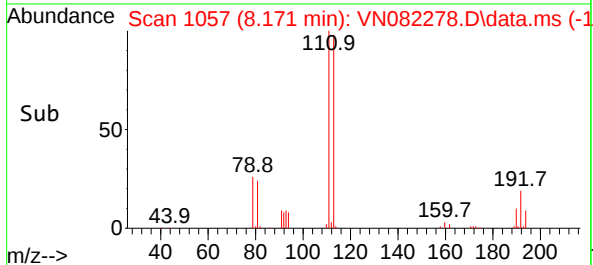
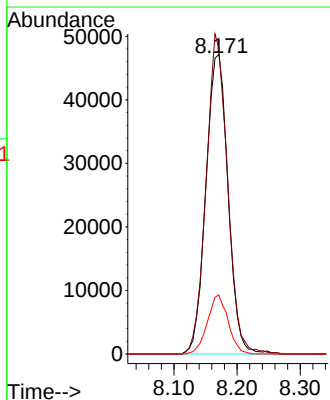
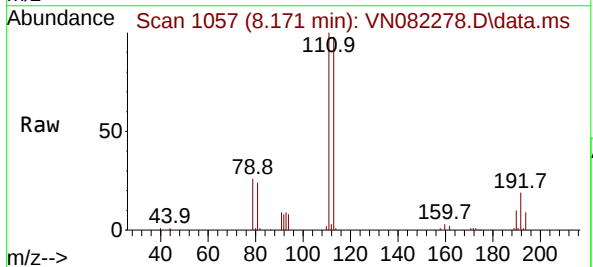
Instrument :
MSVOA_N
ClientSampleId :
18

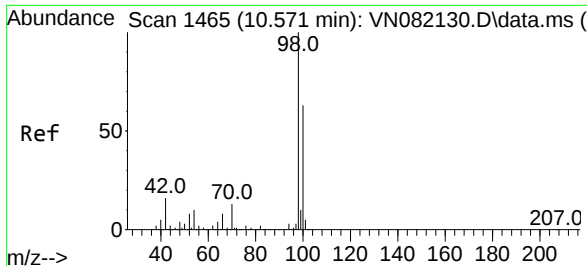
Tgt Ion:114 Resp: 362016
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.0
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.651 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082278.D
Acq: 22 May 2024 07:09

Tgt Ion:113 Resp: 115024
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.2
192 18.3 14.0 21.0

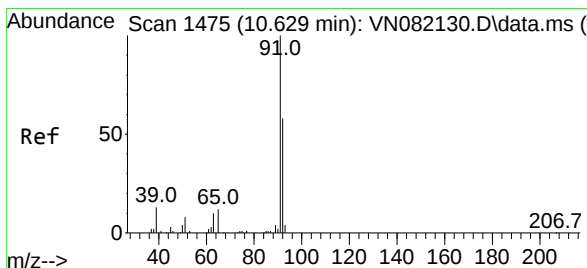
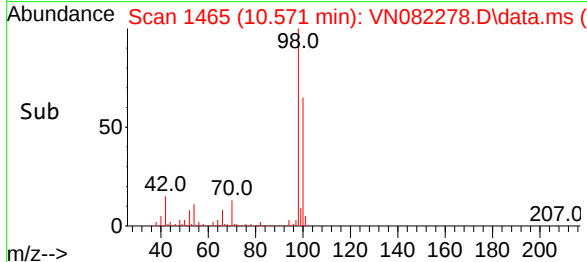
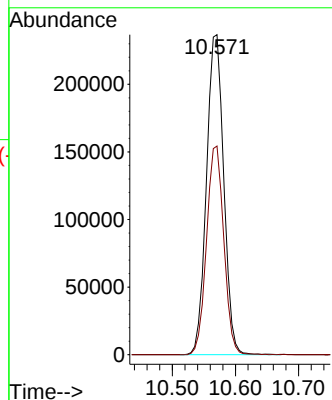
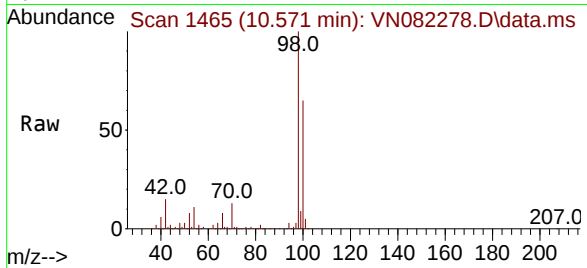




#50
Toluene-d8
Concen: 52.595 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082278.D
Acq: 22 May 2024 07:09

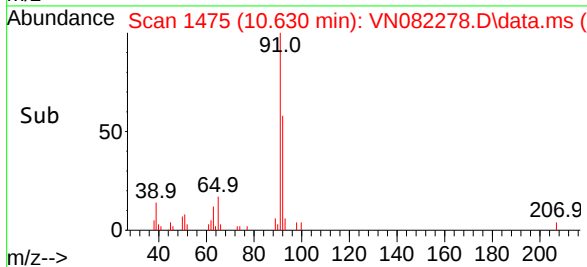
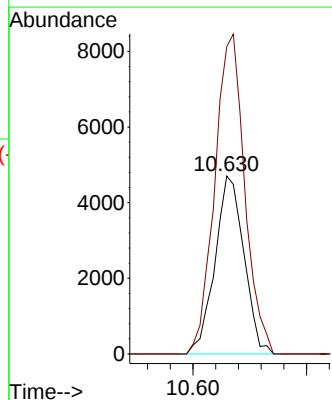
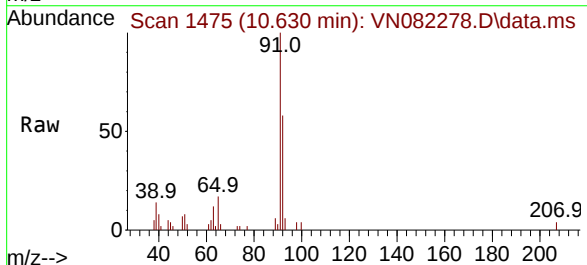
Instrument :
MSVOA_N
ClientSampleId :
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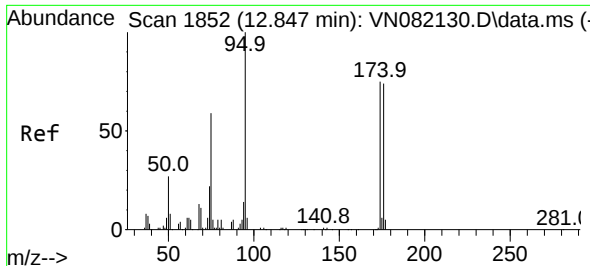
Tgt Ion: 98 Resp: 449059
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#52
Toluene
Concen: 1.246 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082278.D
Acq: 22 May 2024 07:09

Tgt Ion: 92 Resp: 8329
Ion Ratio Lower Upper
92 100
91 185.7 136.7 205.1

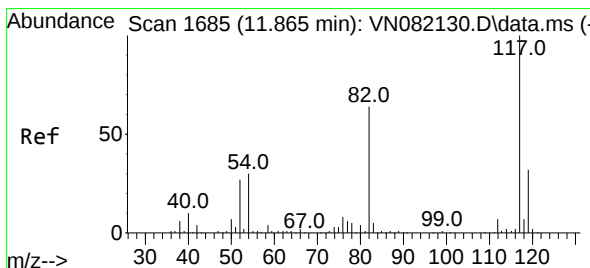
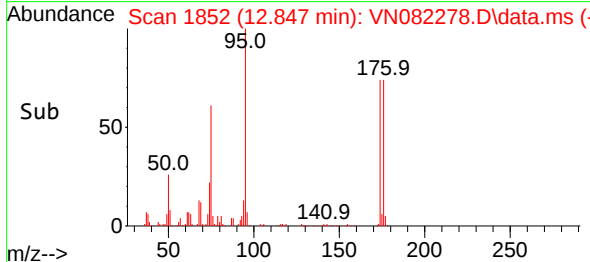
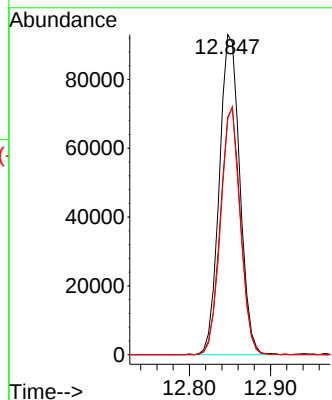
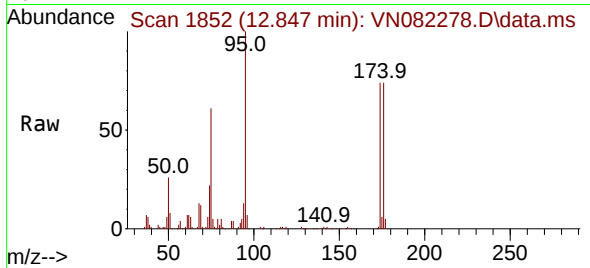




#62
4-Bromofluorobenzene
Concen: 53.570 ug/l
RT: 12.847 min Scan# 18
Delta R.T. 0.000 min
Lab File: VN082278.D
Acq: 22 May 2024 07:09

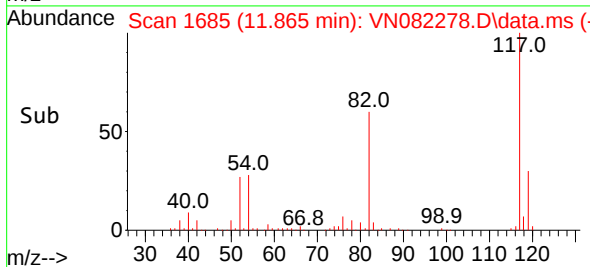
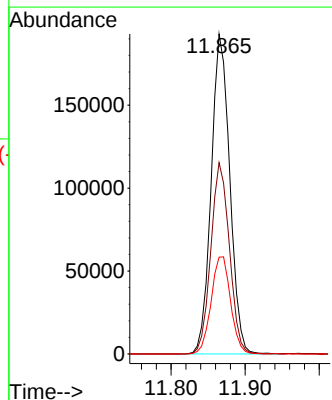
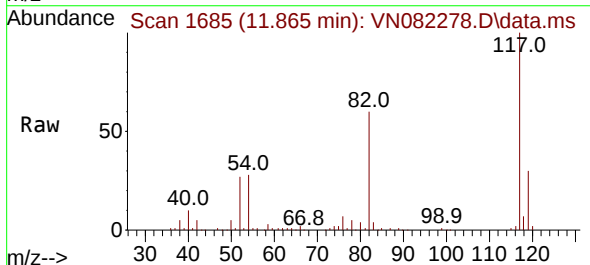
Instrument :
MSVOA_N
ClientSampleId :
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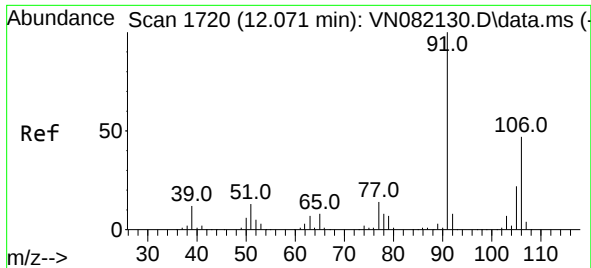
Tgt Ion: 95 Resp: 163251
Ion Ratio Lower Upper
95 100
174 75.8 0.0 160.6
176 73.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082278.D
Acq: 22 May 2024 07:09

Tgt Ion: 117 Resp: 335838
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 30.3 25.9 38.9

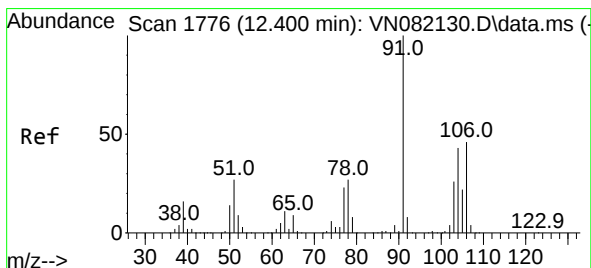
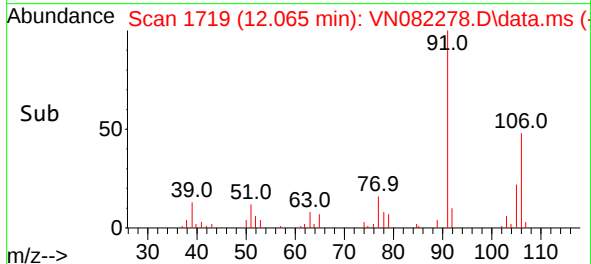
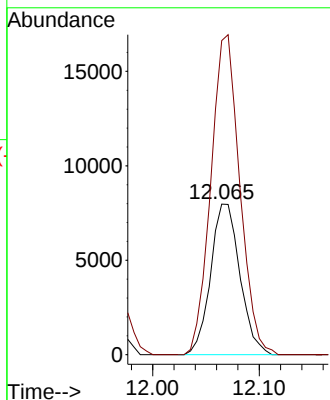
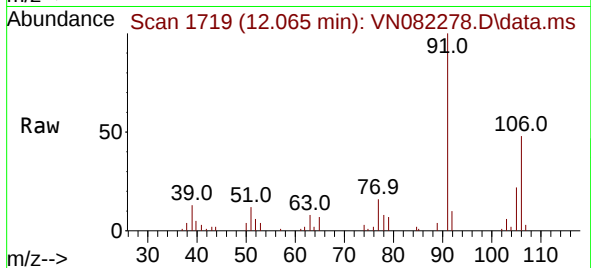




#68
m/p-Xylenes
Concen: 3.129 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN082278.D
Acq: 22 May 2024 07:09

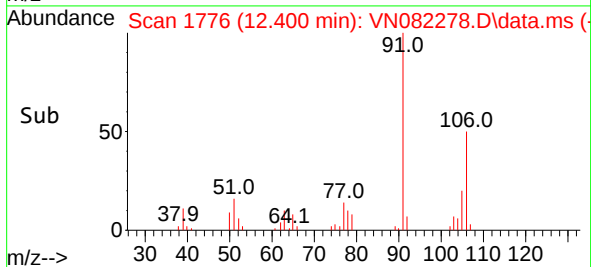
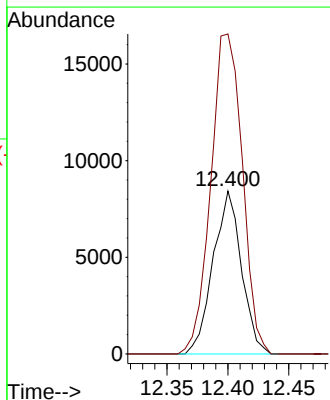
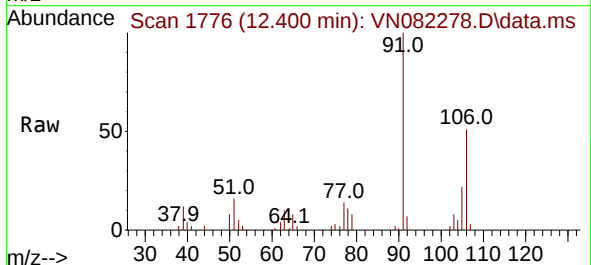
Instrument :
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ClientSampleId :
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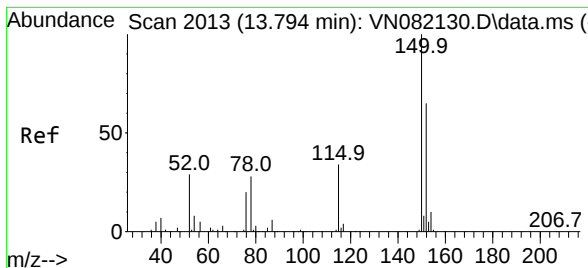
Tgt Ion:106 Resp: 15219
Ion Ratio Lower Upper
106 100
91 209.8 159.4 239.0



#69
o-Xylene
Concen: 2.896 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082278.D
Acq: 22 May 2024 07:09

Tgt Ion:106 Resp: 13644
Ion Ratio Lower Upper
106 100
91 218.6 104.7 314.1

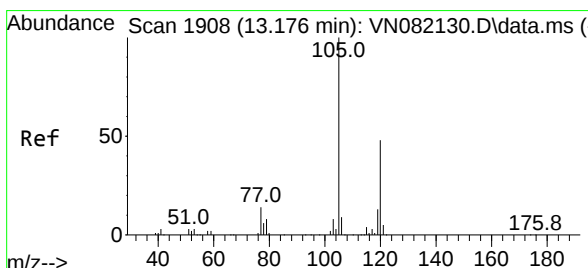
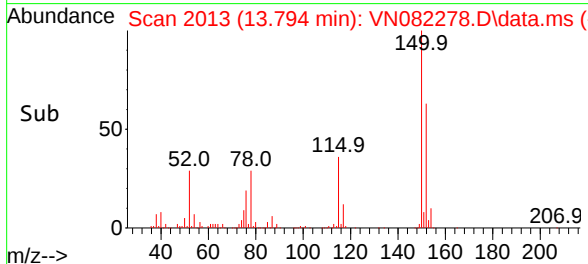
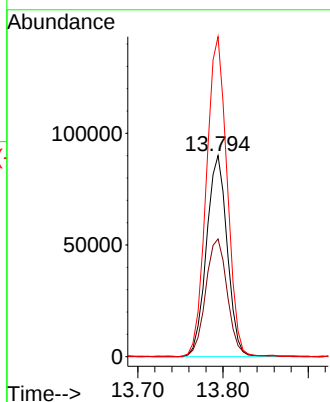
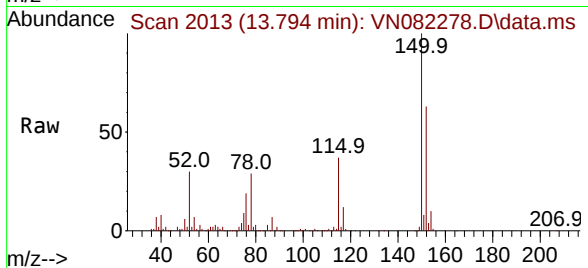




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082278.D
Acq: 22 May 2024 07:09

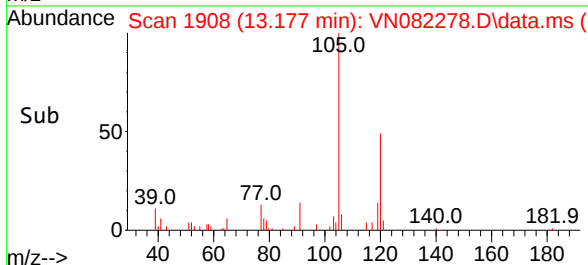
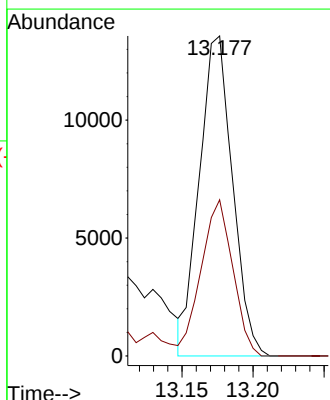
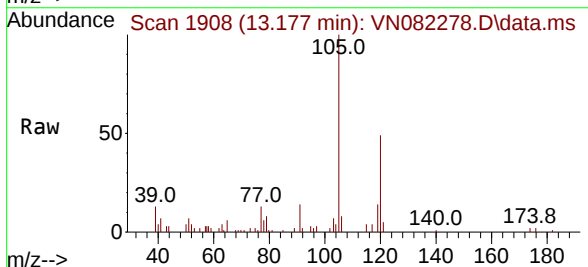
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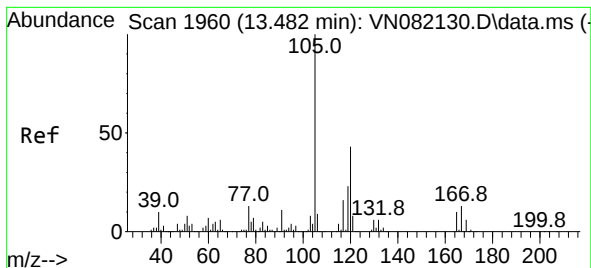
Tgt Ion:152 Resp: 152477
Ion Ratio Lower Upper
152 100
115 61.3 30.4 91.3
150 158.9 0.0 353.2



#80
1,3,5-Trimethylbenzene
Concen: 2.250 ug/l
RT: 13.177 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082278.D
Acq: 22 May 2024 07:09

Tgt Ion:105 Resp: 22040
Ion Ratio Lower Upper
105 100
120 46.6 24.8 74.3





#84

1,2,4-Trimethylbenzene

Concen: 4.627 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082278.D

Acq: 22 May 2024 07:09

Instrument :

MSVOA_N

ClientSampleId :

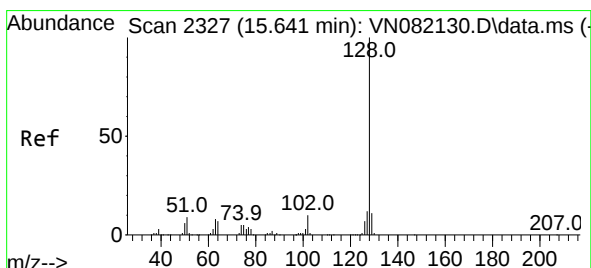
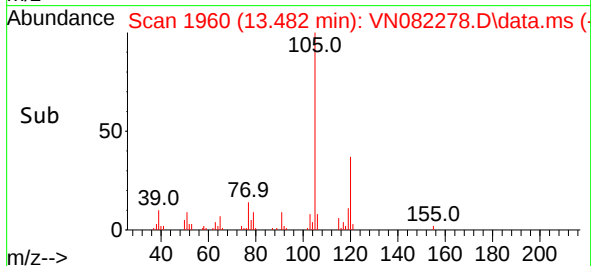
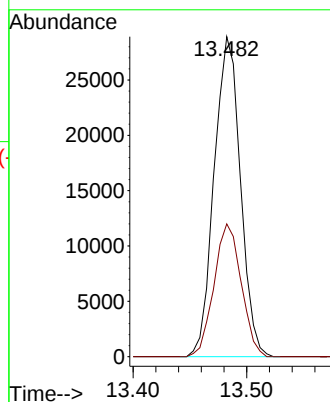
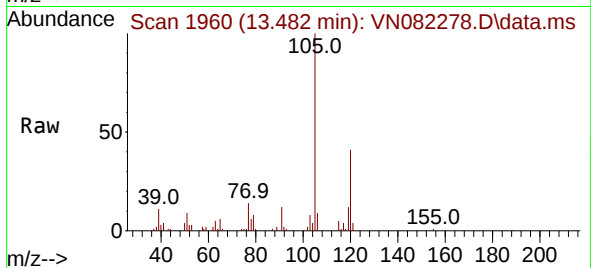
18

Tgt Ion:105 Resp: 46372

Ion Ratio Lower Upper

105 100

120 43.0 22.9 68.7



#95

Naphthalene

Concen: 73.566 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082278.D

Acq: 22 May 2024 07:09

Tgt Ion:128 Resp: 639755

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.8 8.9 13.3

