

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081522.D
 Acq On : 21 Mar 2024 16:13
 Operator : JC\MD
 Sample : P1798-05 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-5

Quant Time: Mar 22 05:08:32 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)

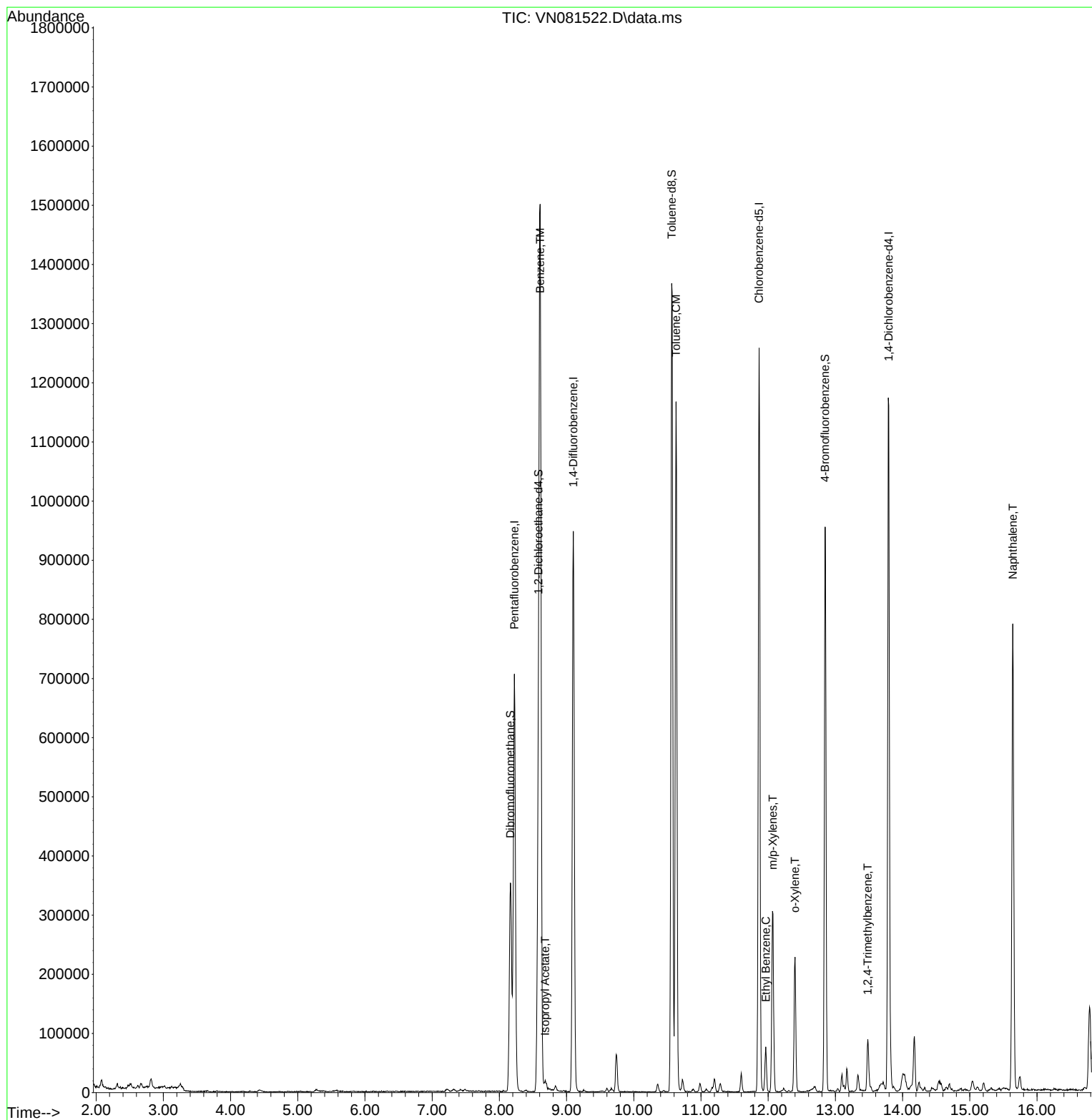
Internal Standards						
1) Pentafluorobenzene	8.224	168	496526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	859766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	742257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	324926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	304282	48.054	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.100%		
35) Dibromofluoromethane	8.165	113	261702	48.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.460%		
50) Toluene-d8	10.565	98	996615	50.811	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.620%		
62) 4-Bromofluorobenzene	12.847	95	331373	47.946	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	95.900%		
Target Compounds						
						Qvalue
40) Benzene	8.606	78	1513866	56.707	ug/l	96
43) Isopropyl Acetate	8.683	43	15185	1.172	ug/l #	80
52) Toluene	10.630	92	517089	30.475	ug/l	98
67) Ethyl Benzene	11.965	91	50406	1.654	ug/l	98
68) m/p-Xylenes	12.071	106	99146	8.677	ug/l	95
69) o-Xylene	12.400	106	64247	5.727	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	52652	2.290	ug/l	96
95) Naphthalene	15.641	128	736845	32.505	ug/l	99

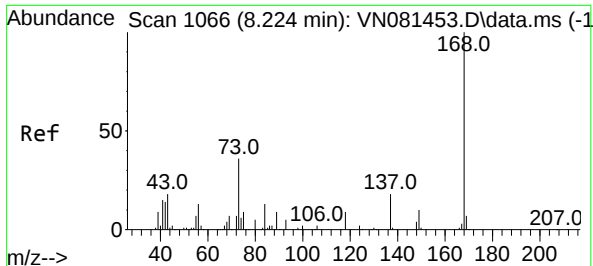
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

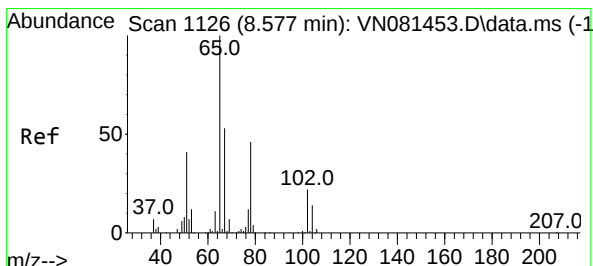
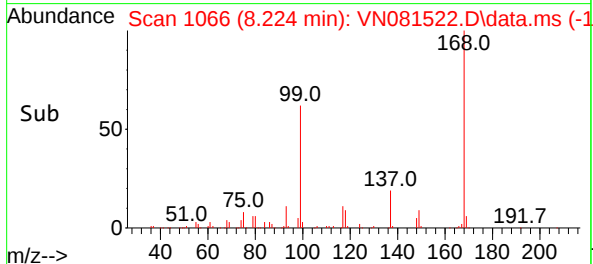
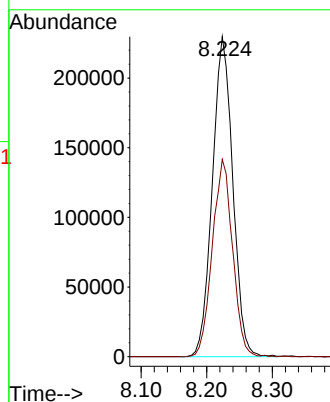
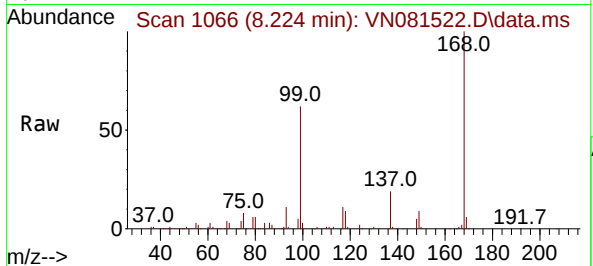




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081522.D
Acq: 21 Mar 2024 16:13

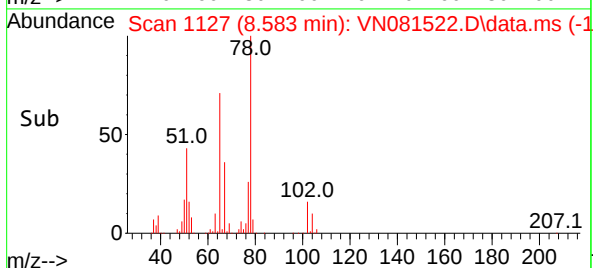
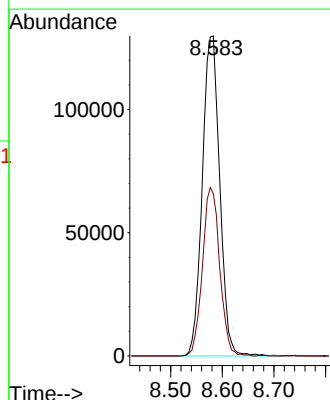
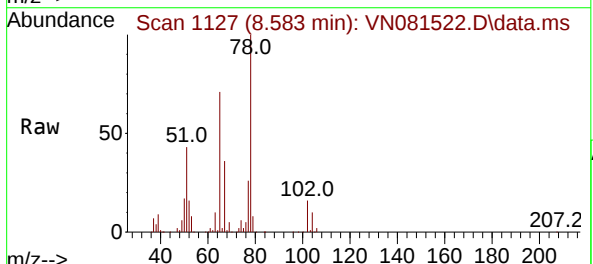
Instrument :
MSVOA_N
ClientSampleId :
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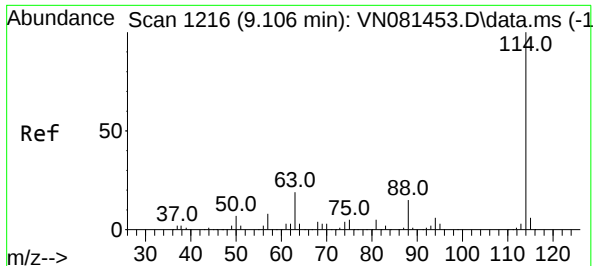
Tgt Ion:168 Resp: 496526
Ion Ratio Lower Upper
168 100
99 61.6 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 48.054 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081522.D
Acq: 21 Mar 2024 16:13

Tgt Ion: 65 Resp: 304282
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081522.D

Acq: 21 Mar 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

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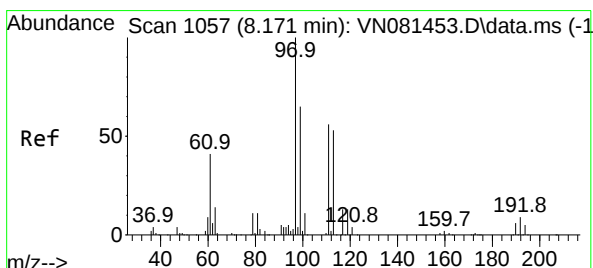
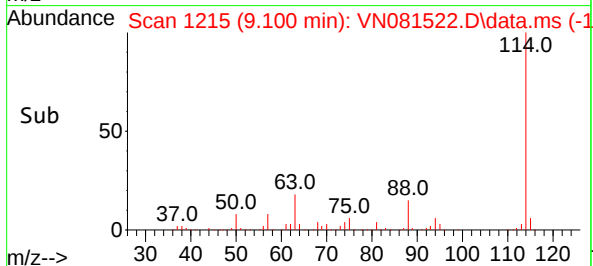
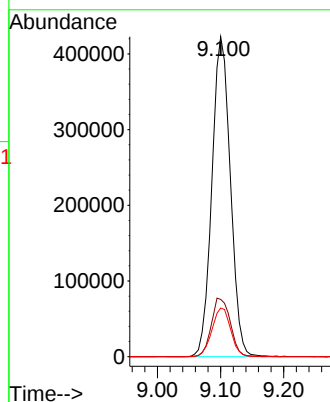
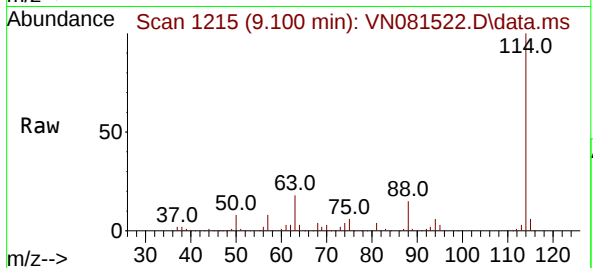
Tgt Ion:114 Resp: 859766

Ion Ratio Lower Upper

114 100

63 17.9 0.0 48.0

88 15.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.231 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081522.D

Acq: 21 Mar 2024 16:13

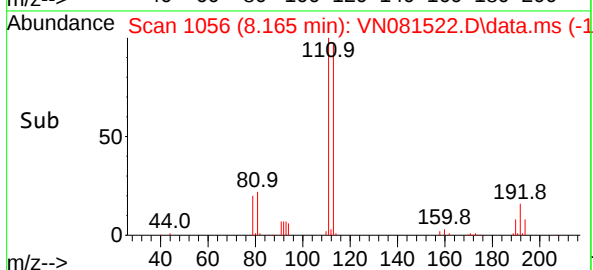
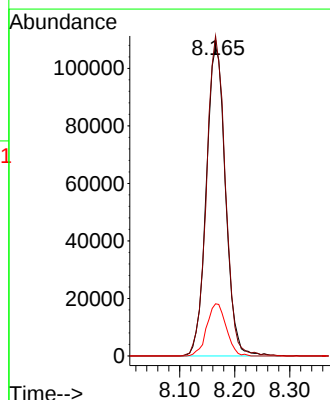
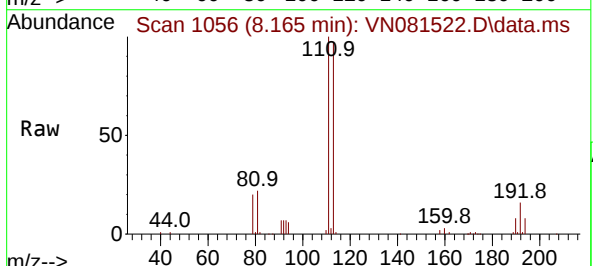
Tgt Ion:113 Resp: 261702

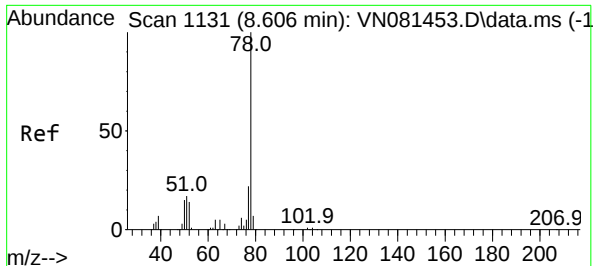
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 17.1 12.5 18.7

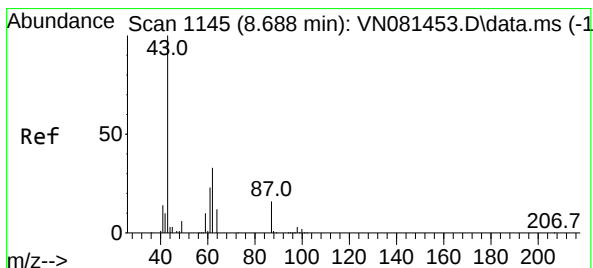
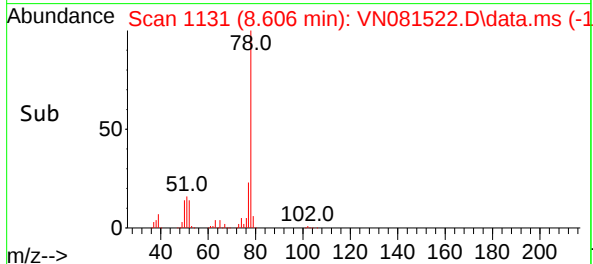
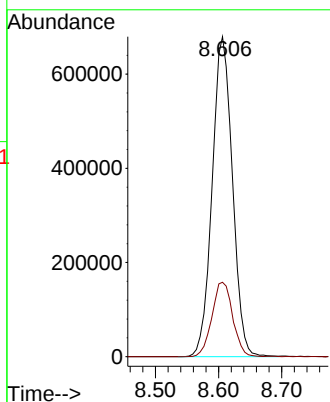
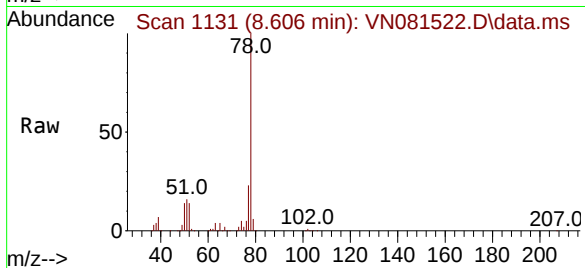




#40
Benzene
Concen: 56.707 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081522.D
Acq: 21 Mar 2024 16:13

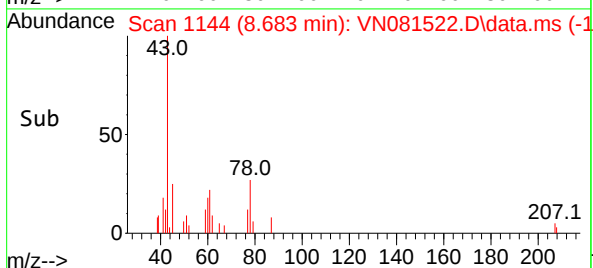
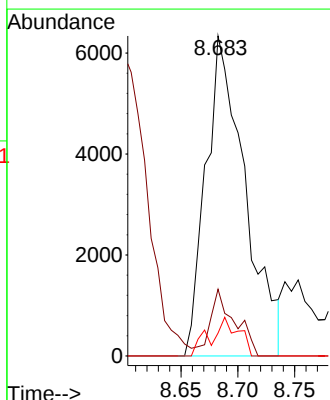
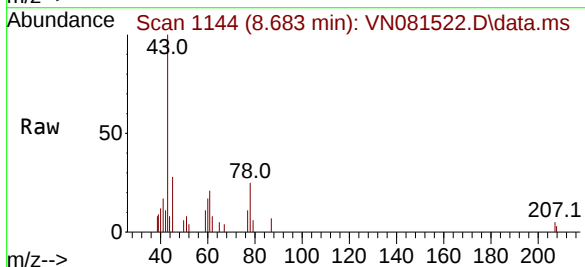
Instrument :
MSVOA_N
ClientSampleId :
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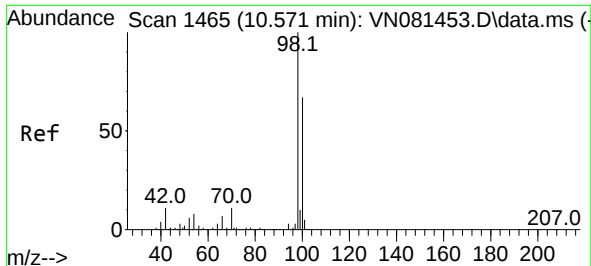
Tgt Ion: 78 Resp: 1513866
Ion Ratio Lower Upper
78 100
77 23.2 20.4 30.6



#43
Isopropyl Acetate
Concen: 1.172 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN081522.D
Acq: 21 Mar 2024 16:13

Tgt Ion: 43 Resp: 15185
Ion Ratio Lower Upper
43 100
61 13.2 19.9 29.9#
87 6.2 9.0 13.6#

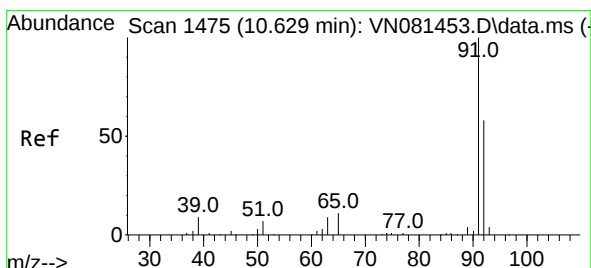
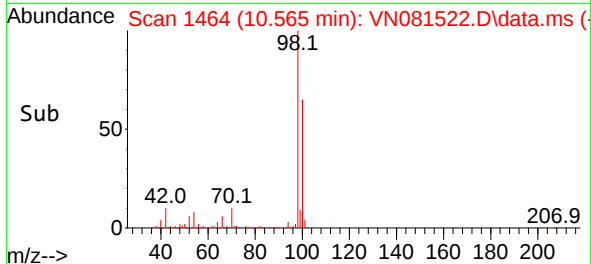
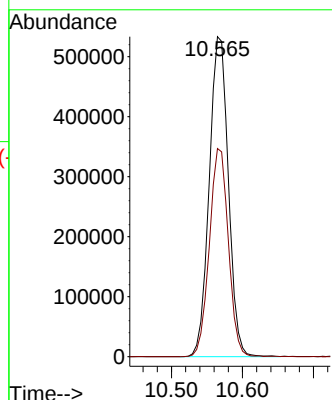
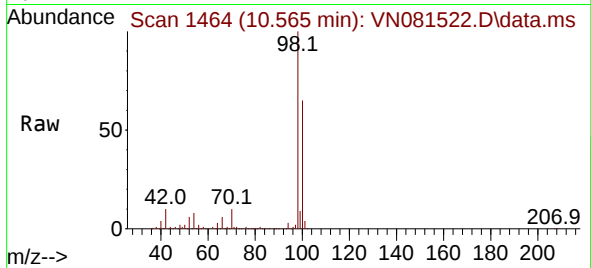




#50
Toluene-d8
Concen: 50.811 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN081522.D
Acq: 21 Mar 2024 16:13

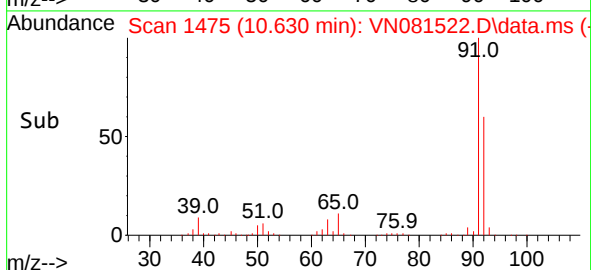
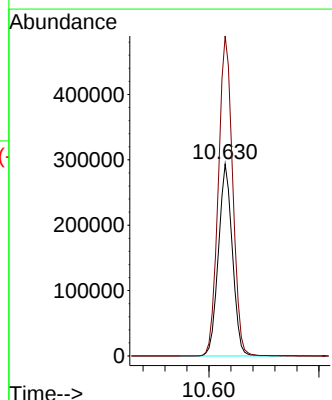
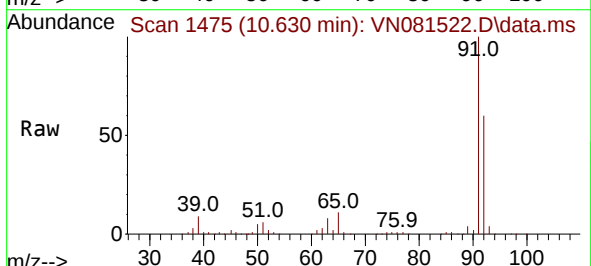
Instrument :
MSVOA_N
ClientSampleId :
S-5

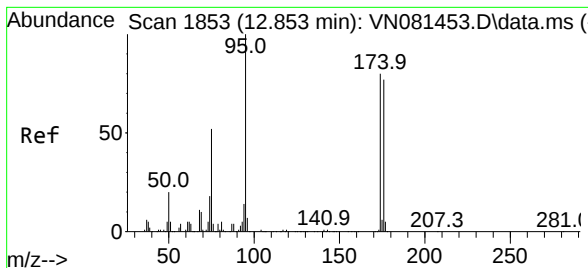
Tgt Ion: 98 Resp: 996615
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#52
Toluene
Concen: 30.475 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081522.D
Acq: 21 Mar 2024 16:13

Tgt Ion: 92 Resp: 517089
Ion Ratio Lower Upper
92 100
91 171.1 139.4 209.0

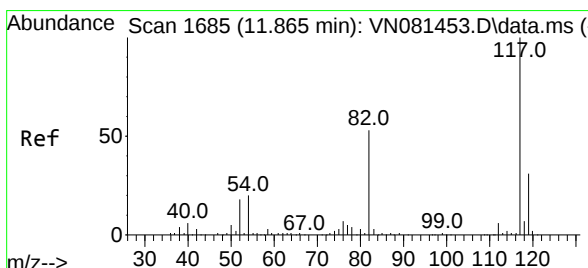
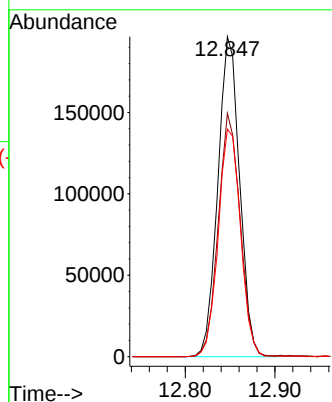
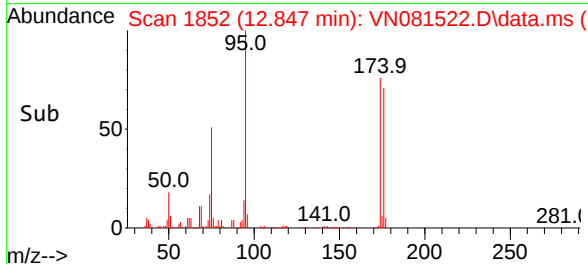
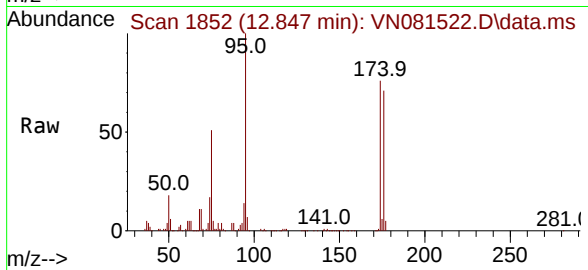




#62
4-Bromofluorobenzene
Concen: 47.946 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081522.D
Acq: 21 Mar 2024 16:13

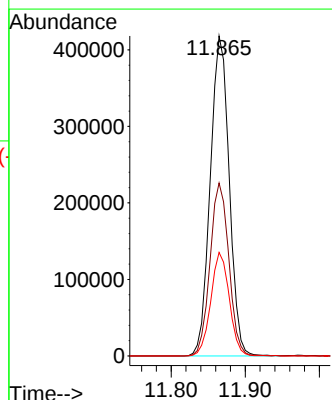
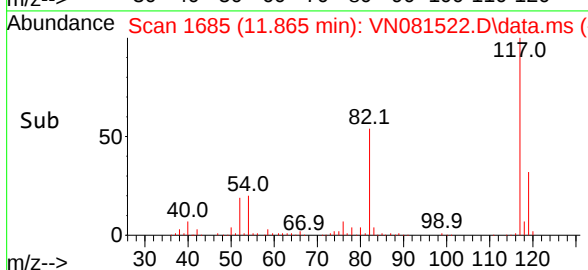
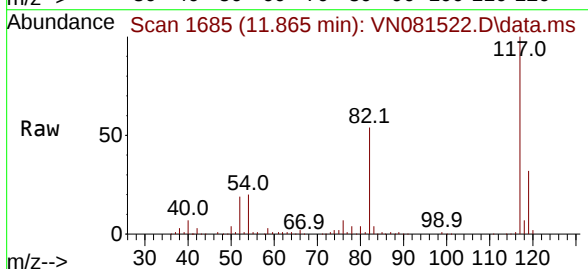
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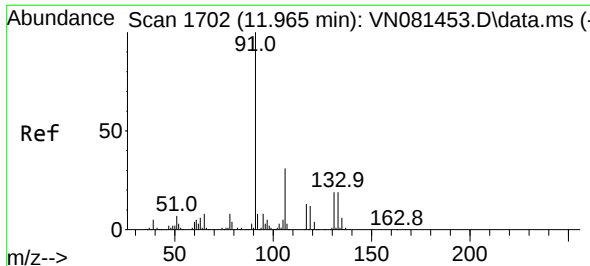
Tgt Ion: 95 Resp: 331373
Ion Ratio Lower Upper
95 100
174 76.3 0.0 120.4
176 72.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081522.D
Acq: 21 Mar 2024 16:13

Tgt Ion: 117 Resp: 742257
Ion Ratio Lower Upper
117 100
82 54.1 52.7 79.1
119 32.4 25.3 37.9

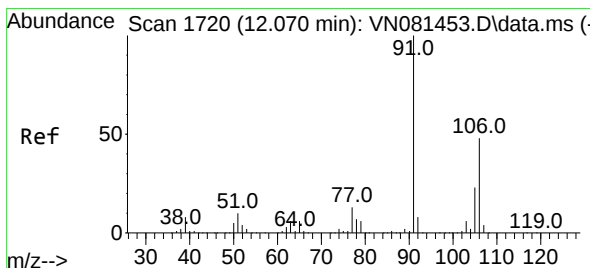
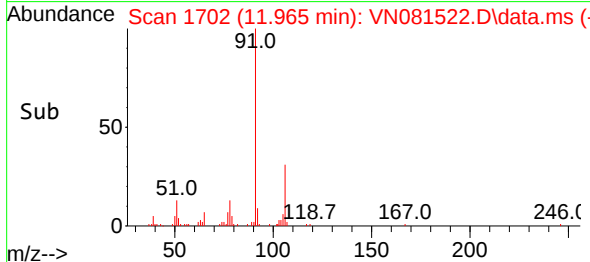
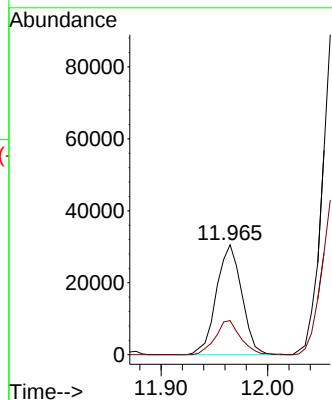
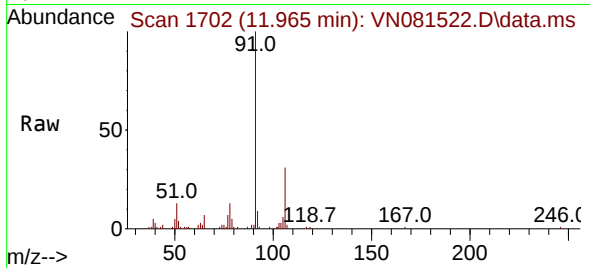




#67
Ethyl Benzene
Concen: 1.654 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081522.D
Acq: 21 Mar 2024 16:13

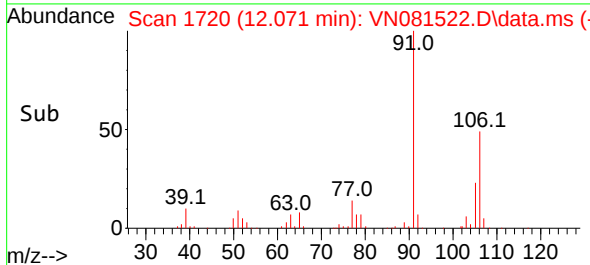
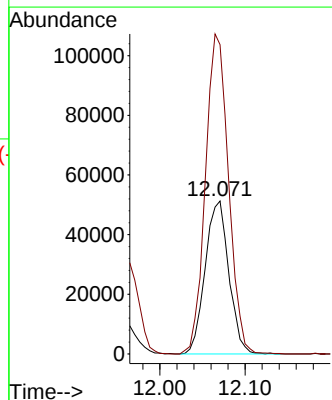
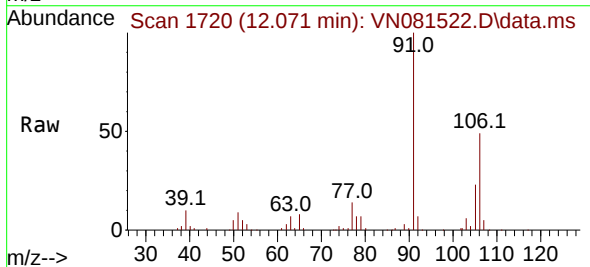
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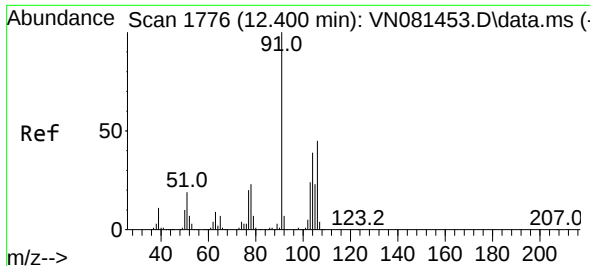
Tgt Ion: 91 Resp: 50406
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.6



#68
m/p-Xylenes
Concen: 8.677 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081522.D
Acq: 21 Mar 2024 16:13

Tgt Ion:106 Resp: 99146
Ion Ratio Lower Upper
106 100
91 204.2 169.0 253.6

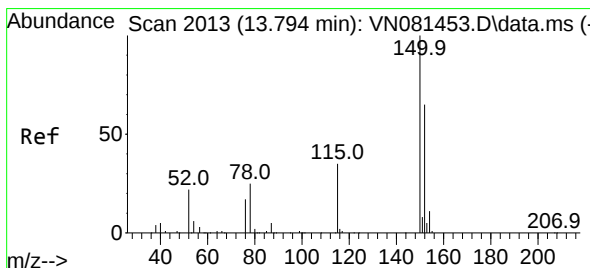
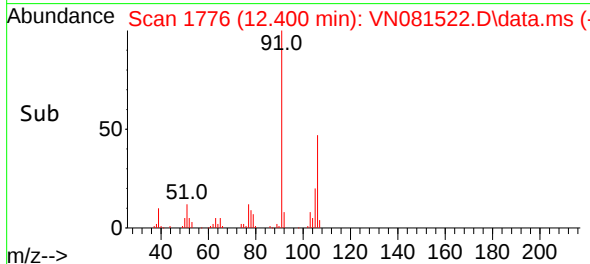
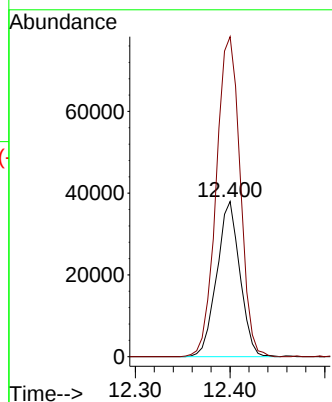
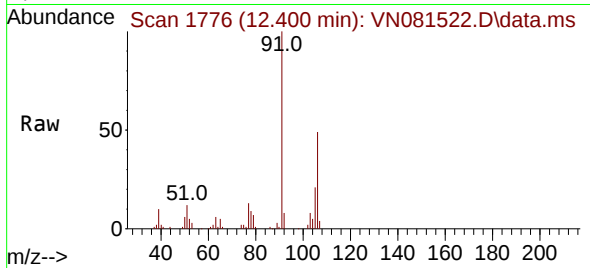




#69
o-Xylene
Concen: 5.727 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081522.D
Acq: 21 Mar 2024 16:13

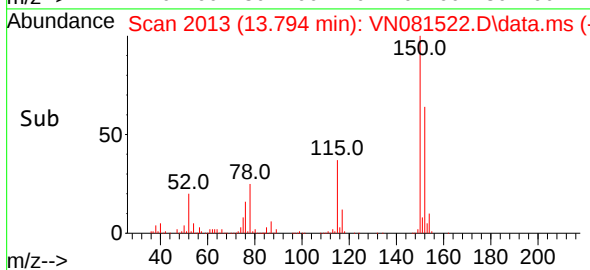
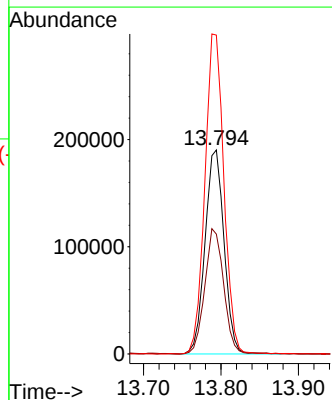
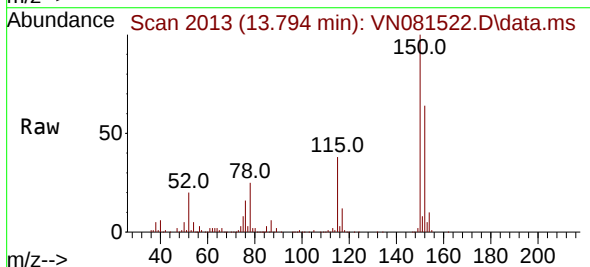
Instrument :
MSVOA_N
ClientSampleId :
S-5

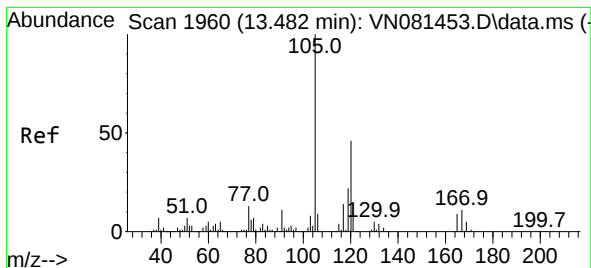
Tgt Ion:106 Resp: 64247
Ion Ratio Lower Upper
106 100
91 213.4 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081522.D
Acq: 21 Mar 2024 16:13

Tgt Ion:152 Resp: 324926
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 156.4 0.0 339.8





#84

1,2,4-Trimethylbenzene

Concen: 2.290 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081522.D

Acq: 21 Mar 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

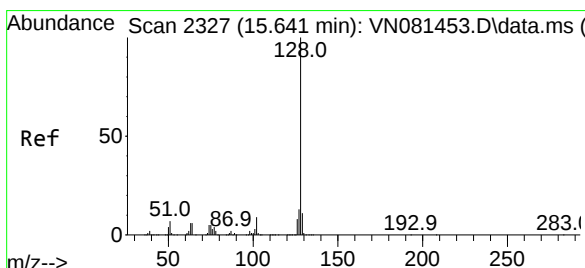
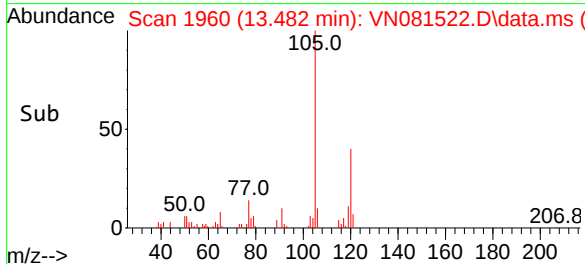
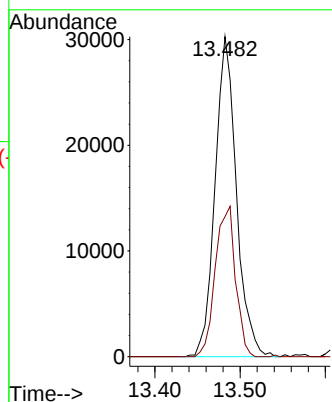
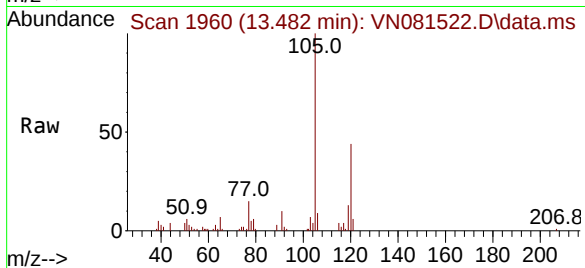
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Tgt Ion:105 Resp: 52652

Ion Ratio Lower Upper

105 100

120 44.5 20.9 62.7



#95

Naphthalene

Concen: 32.505 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081522.D

Acq: 21 Mar 2024 16:13

Tgt Ion:128 Resp: 736845

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.7 8.7 13.1

