

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081615.D
 Acq On : 29 Mar 2024 15:05
 Operator : JC\MD
 Sample : P1921-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-19

Quant Time: Mar 30 00:29:59 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)

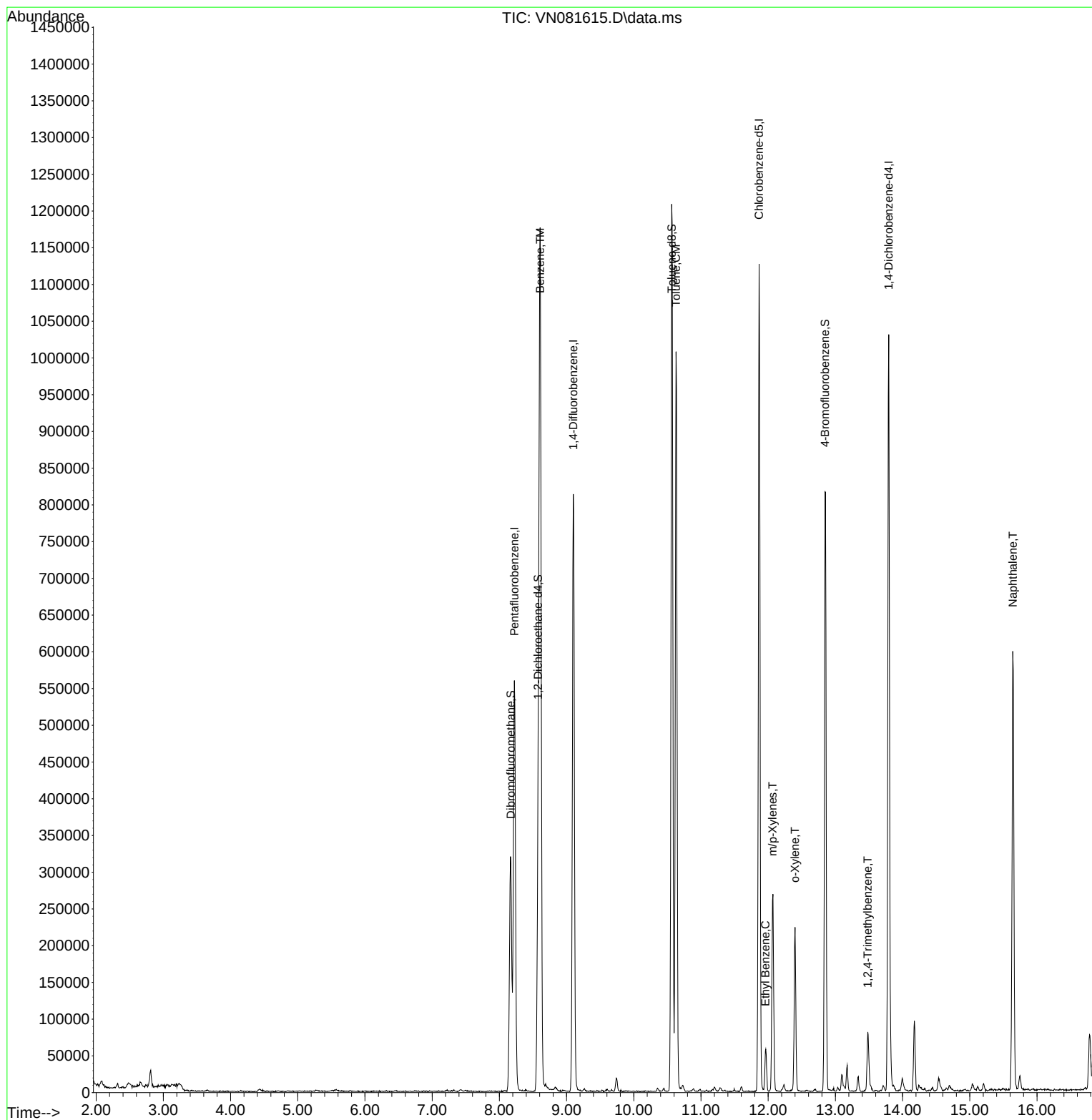
Internal Standards						
1) Pentafluorobenzene	8.224	168	397687	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	733143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	658137	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	278251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	270323	53.302	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.600%		
35) Dibromofluoromethane	8.171	113	230435	49.804	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.600%		
50) Toluene-d8	10.565	98	868466	51.924	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.840%		
62) 4-Bromofluorobenzene	12.847	95	289663	49.150	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 98.300%		
Target Compounds						
						Qvalue
40) Benzene	8.606	78	1166158	51.227	ug/l	96
52) Toluene	10.629	92	453818	31.365	ug/l	99
67) Ethyl Benzene	11.959	91	40476	1.498	ug/l	100
68) m/p-Xylenes	12.065	106	85444	8.433	ug/l	97
69) o-Xylene	12.400	106	62173	6.251	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	48664	2.472	ug/l	97
95) Naphthalene	15.641	128	557111	28.699	ug/l	99

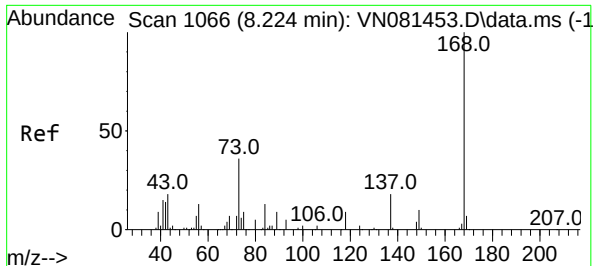
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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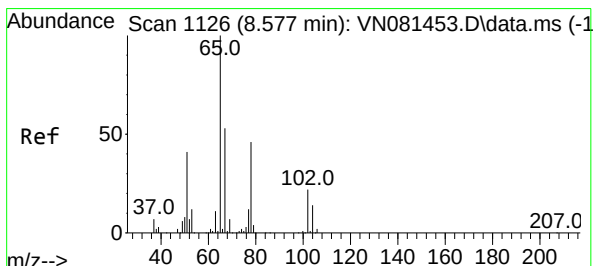
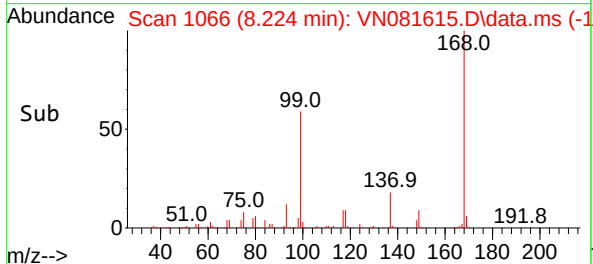
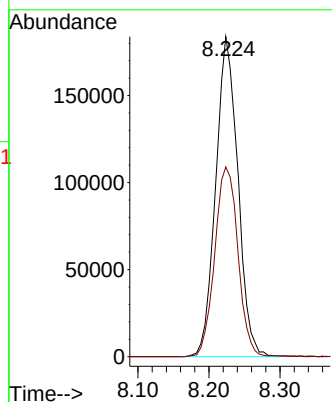
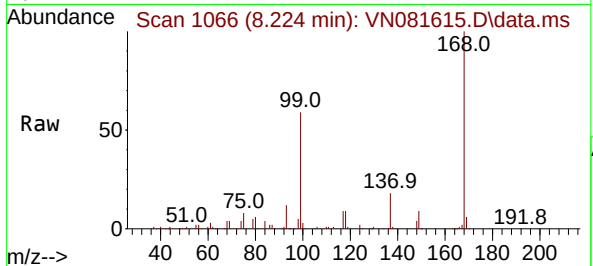




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081615.D
Acq: 29 Mar 2024 15:05

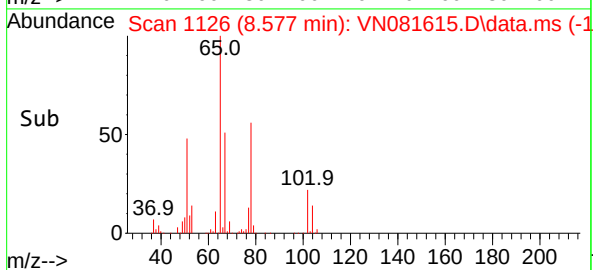
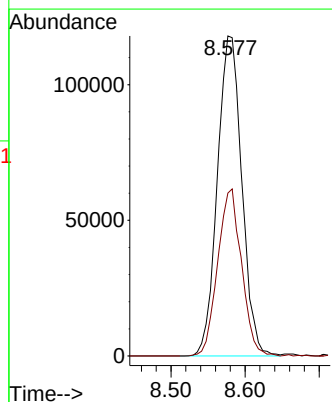
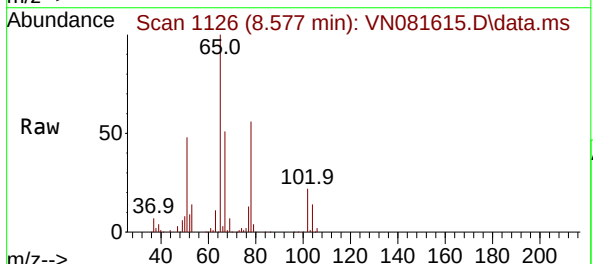
Instrument :
MSVOA_N
ClientSampleId :
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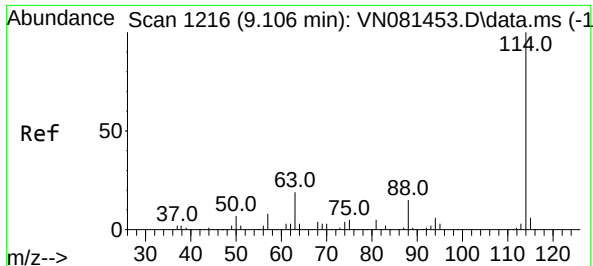
Tgt Ion:168 Resp: 397687
Ion Ratio Lower Upper
168 100
99 59.3 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 53.302 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081615.D
Acq: 29 Mar 2024 15:05

Tgt Ion: 65 Resp: 270323
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4

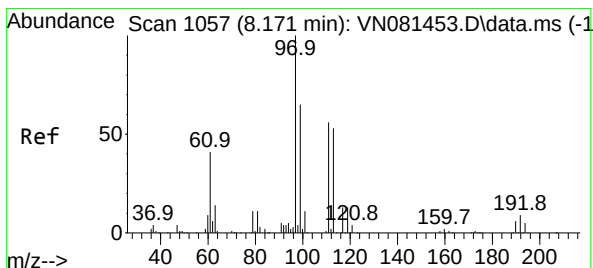
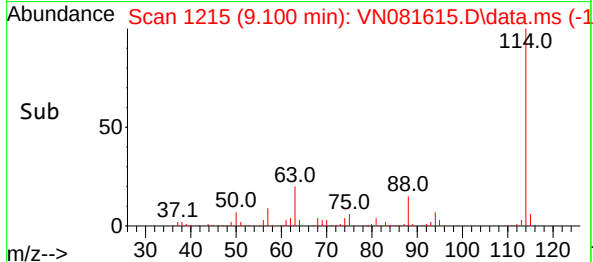
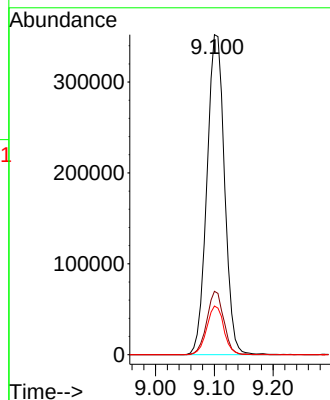
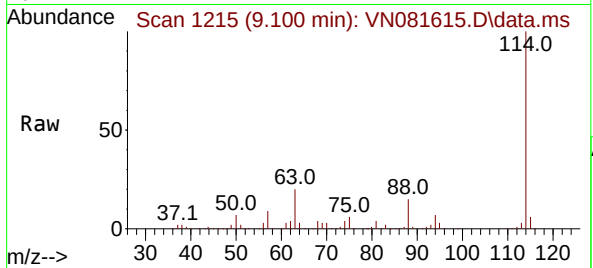




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081615.D
Acq: 29 Mar 2024 15:05

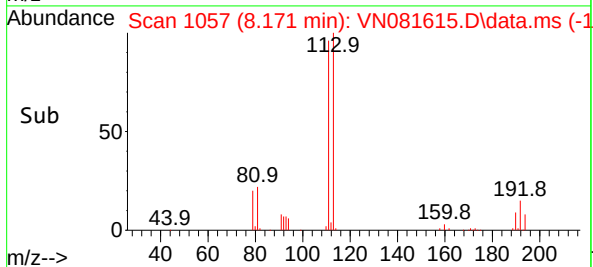
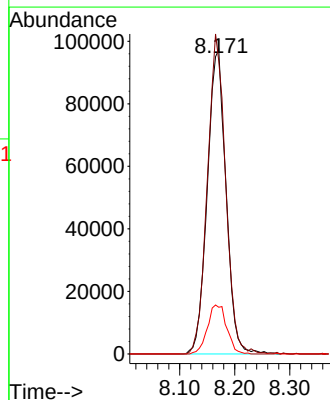
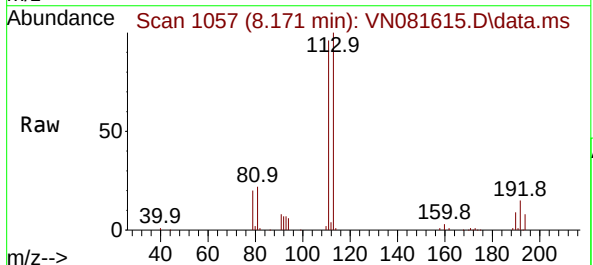
Instrument :
MSVOA_N
ClientSampleId :
S-19

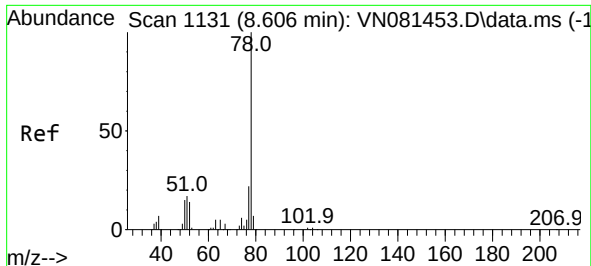
Tgt Ion:114 Resp: 733143
Ion Ratio Lower Upper
114 100
63 19.8 0.0 48.0
88 15.2 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.804 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081615.D
Acq: 29 Mar 2024 15:05

Tgt Ion:113 Resp: 230435
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 16.6 12.5 18.7

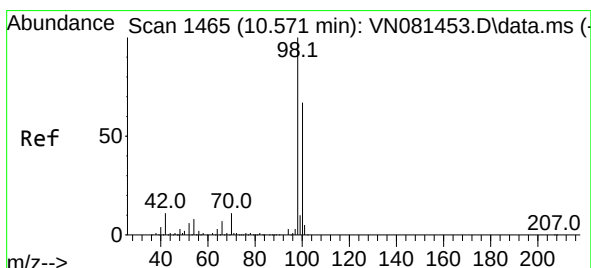
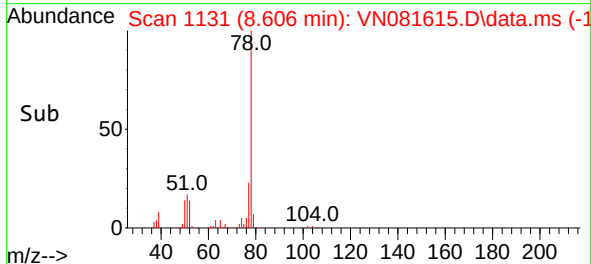
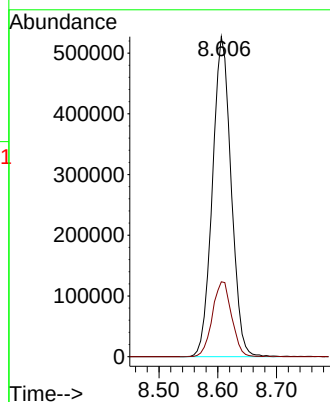
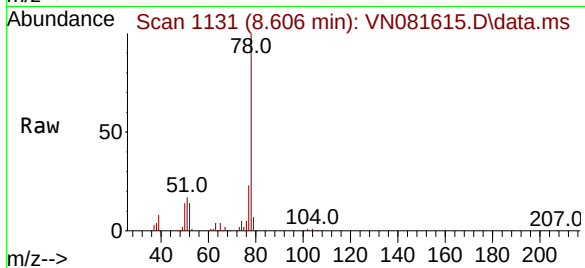




#40
Benzene
Concen: 51.227 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081615.D
Acq: 29 Mar 2024 15:05

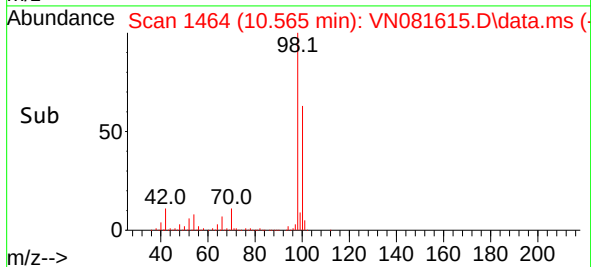
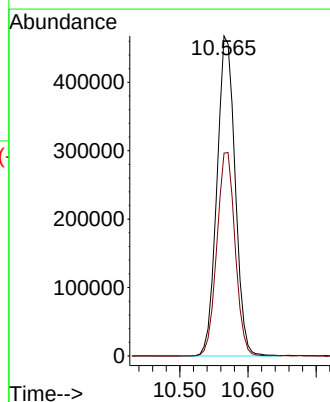
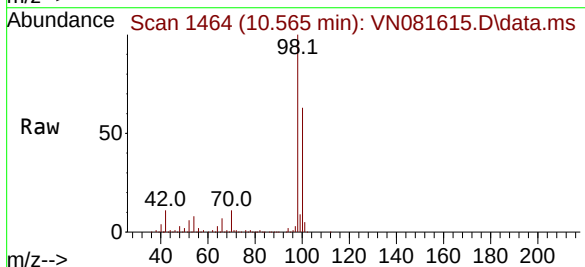
Instrument :
MSVOA_N
ClientSampleId :
S-19

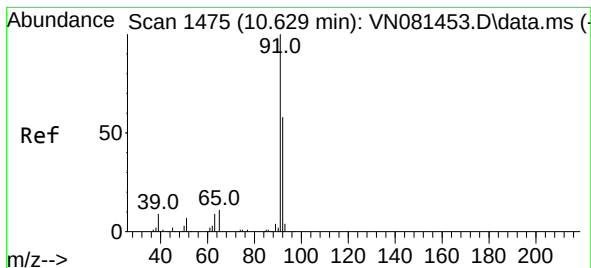
Tgt Ion: 78 Resp: 1166158
Ion Ratio Lower Upper
78 100
77 23.4 20.4 30.6



#50
Toluene-d8
Concen: 51.924 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081615.D
Acq: 29 Mar 2024 15:05

Tgt Ion: 98 Resp: 868466
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0





#52

Toluene

Concen: 31.365 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081615.D

Acq: 29 Mar 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

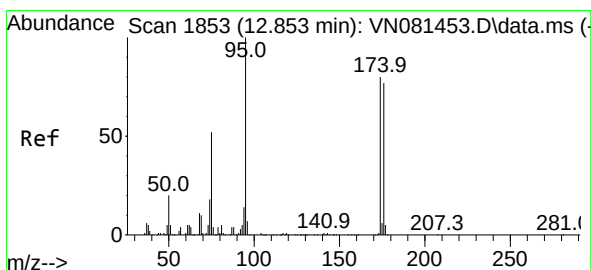
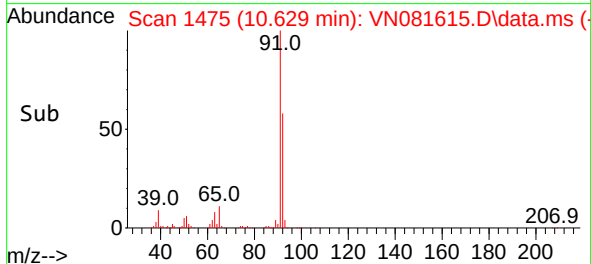
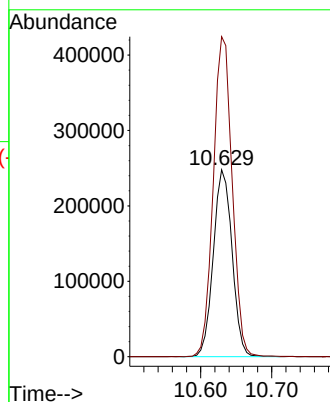
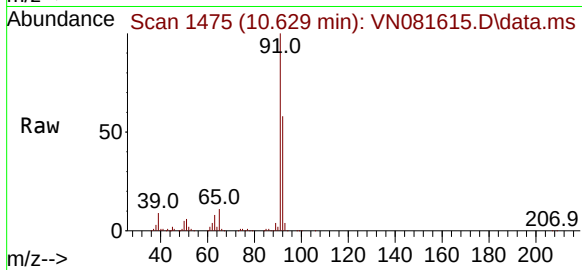
S-19

Tgt Ion: 92 Resp: 453818

Ion Ratio Lower Upper

92 100

91 172.6 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 49.150 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081615.D

Acq: 29 Mar 2024 15:05

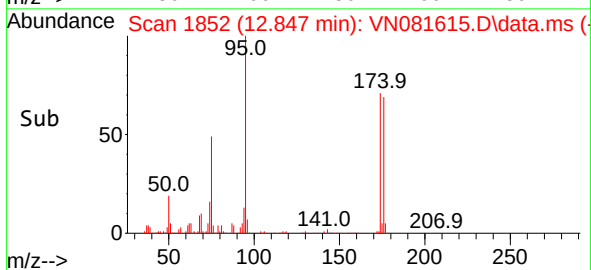
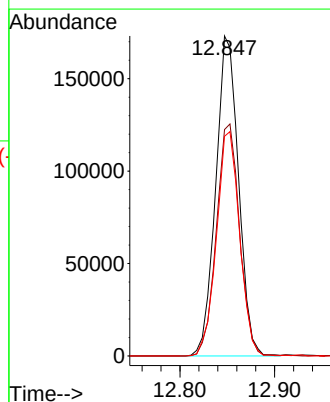
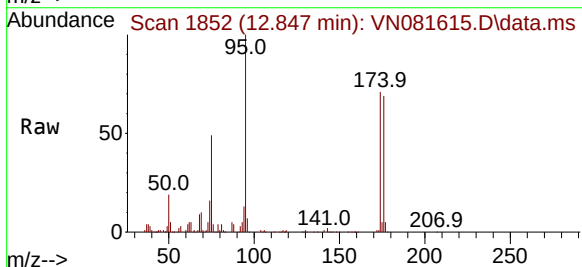
Tgt Ion: 95 Resp: 289663

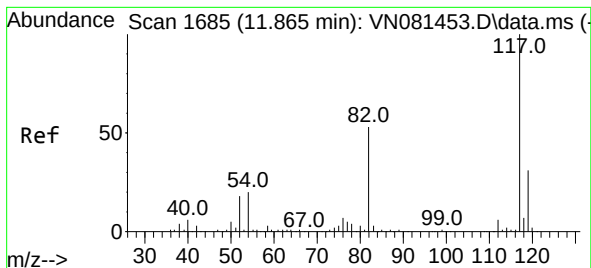
Ion Ratio Lower Upper

95 100

174 73.9 0.0 120.4

176 71.0 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081615.D

Acq: 29 Mar 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

S-19

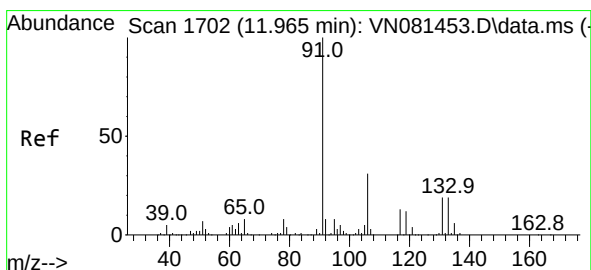
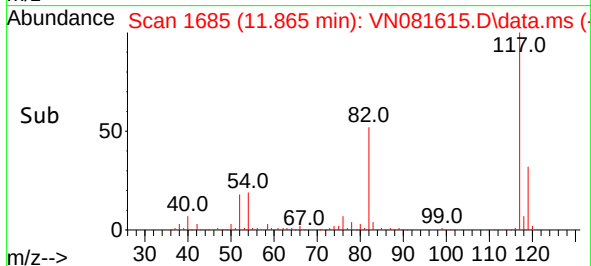
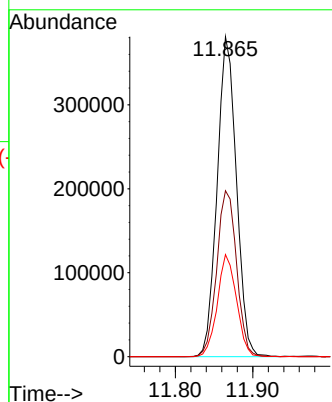
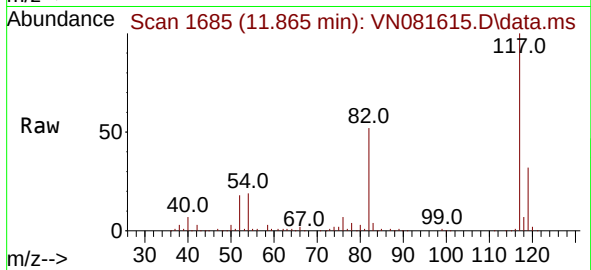
Tgt Ion:117 Resp: 658137

Ion Ratio Lower Upper

117 100

82 51.8 52.7 79.1#

119 31.9 25.3 37.9



#67

Ethyl Benzene

Concen: 1.498 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN081615.D

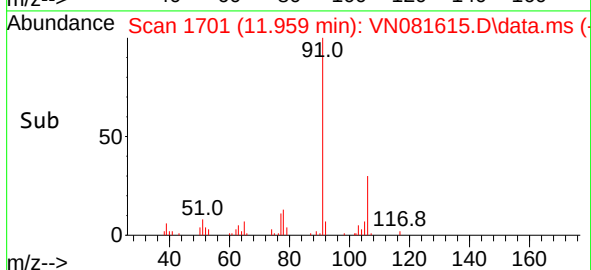
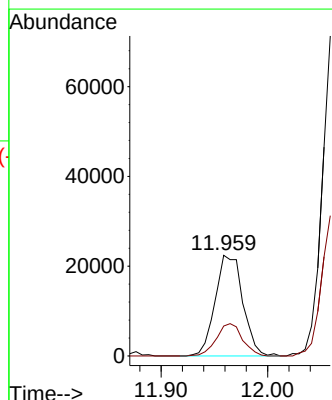
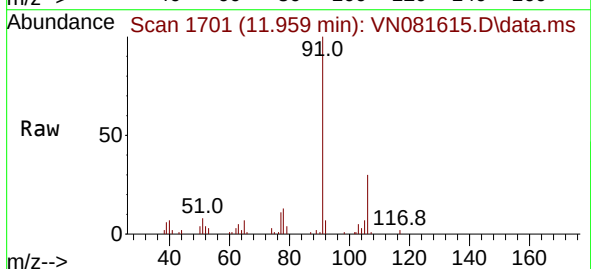
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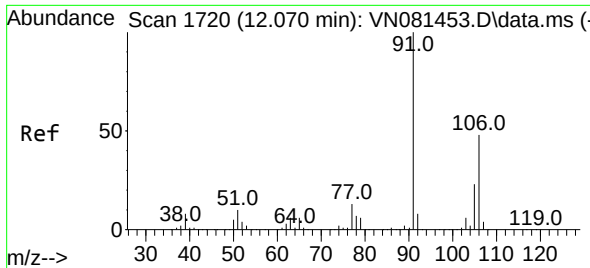
Tgt Ion: 91 Resp: 40476

Ion Ratio Lower Upper

91 100

106 29.8 23.8 35.6

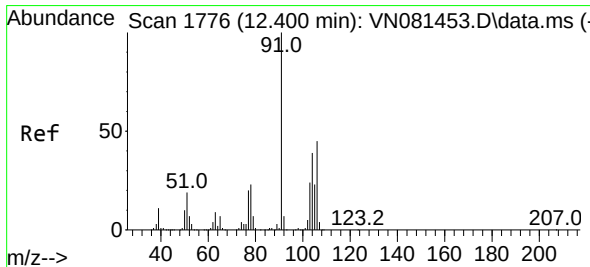
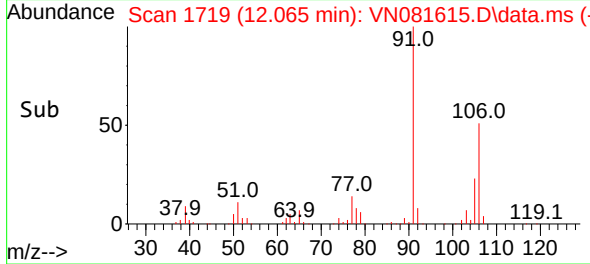
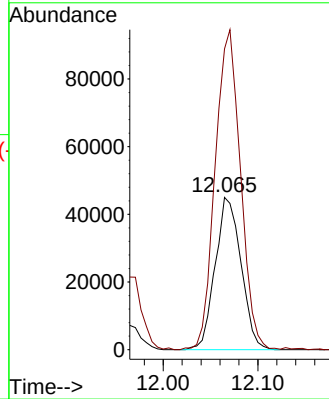
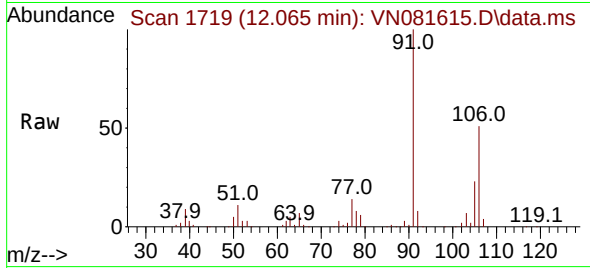




#68
m/p-Xylenes
Concen: 8.433 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081615.D
Acq: 29 Mar 2024 15:05

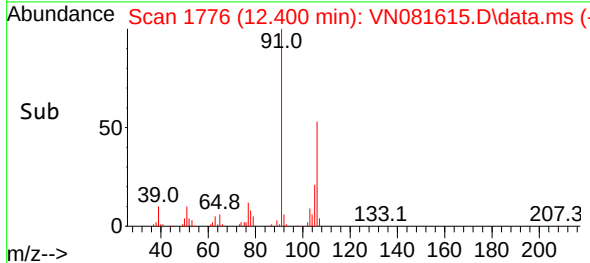
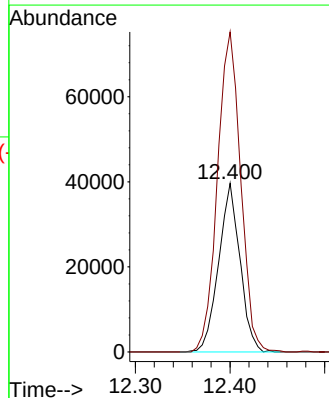
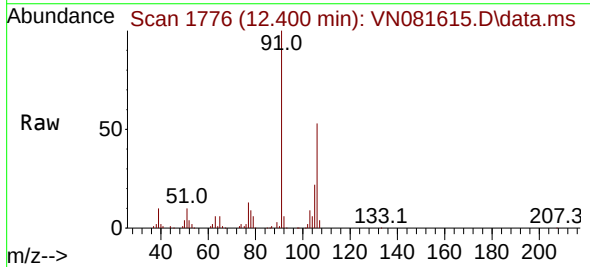
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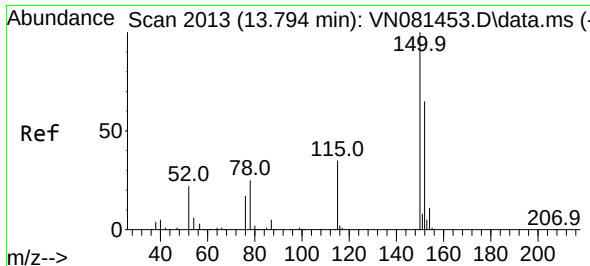
Tgt Ion:106 Resp: 85444
Ion Ratio Lower Upper
106 100
91 205.9 169.0 253.6



#69
o-Xylene
Concen: 6.251 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081615.D
Acq: 29 Mar 2024 15:05

Tgt Ion:106 Resp: 62173
Ion Ratio Lower Upper
106 100
91 206.2 112.1 336.3

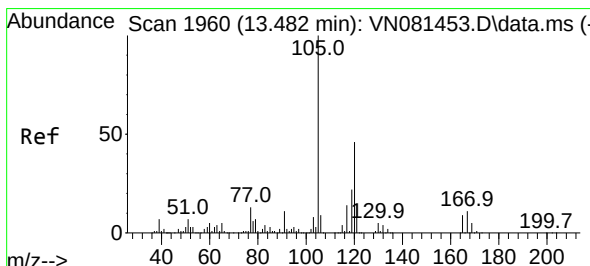
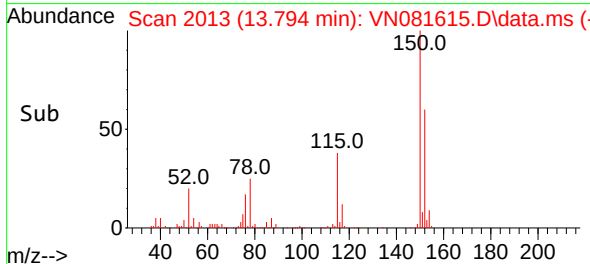
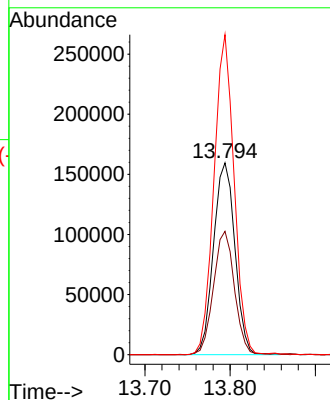
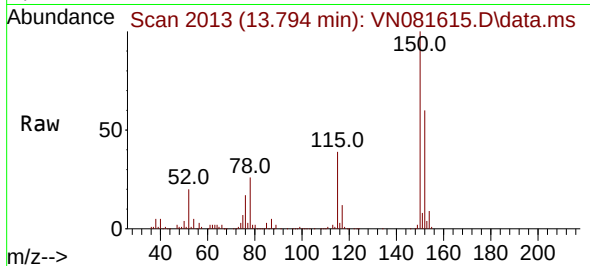




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081615.D
 Acq: 29 Mar 2024 15:05

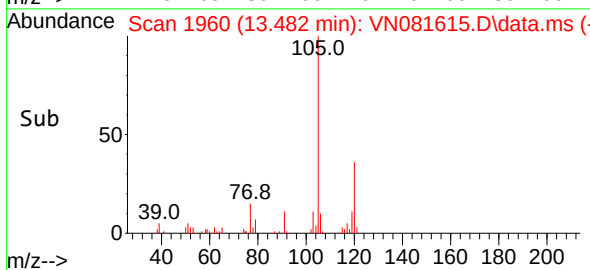
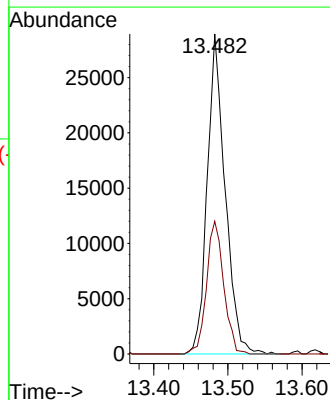
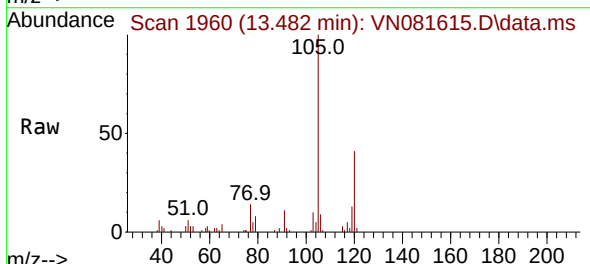
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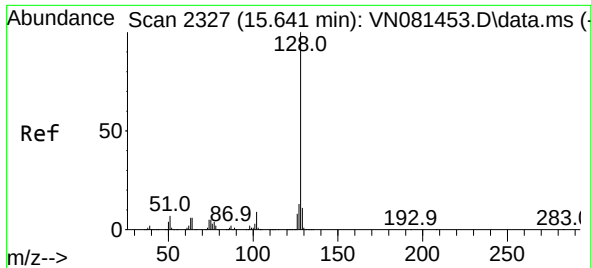
Tgt Ion:152 Resp: 278251
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.3 96.8
 150 156.4 0.0 339.8



#84
 1,2,4-Trimethylbenzene
 Concen: 2.472 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081615.D
 Acq: 29 Mar 2024 15:05

Tgt Ion:105 Resp: 48664
 Ion Ratio Lower Upper
 105 100
 120 39.8 20.9 62.7





#95
Naphthalene
Concen: 28.699 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081615.D
Acq: 29 Mar 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
S-19

Tgt Ion:128 Resp: 557111
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.0 8.7 13.1

