

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081619.D
 Acq On : 29 Mar 2024 16:41
 Operator : JC\MD
 Sample : P1921-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-18

Quant Time: Mar 30 00:31:40 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)

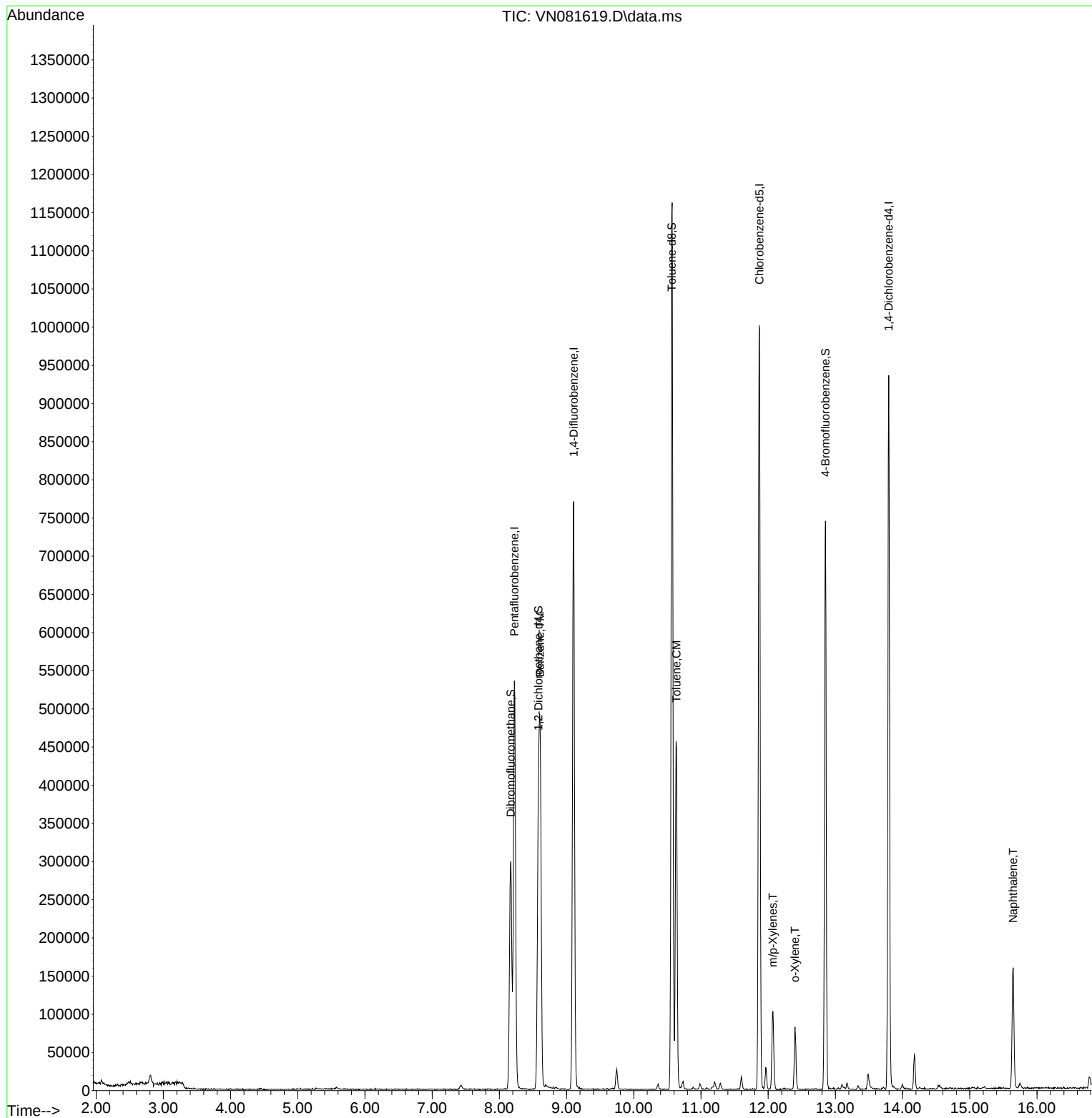
Internal Standards						
1) Pentafluorobenzene	8.224	168	379161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	689703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	616881	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	252542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	258688	53.500	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.000%
35) Dibromofluoromethane	8.171	113	219399	50.405	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.800%
50) Toluene-d8	10.565	98	816139	51.869	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.853	95	261684	47.199	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.400%
Target Compounds						
					Qvalue	
40) Benzene	8.606	78	434574	20.292	ug/l	96
52) Toluene	10.635	92	209039	15.357	ug/l	96
68) m/p-Xylenes	12.070	106	33134	3.489	ug/l	96
69) o-Xylene	12.400	106	22088	2.369	ug/l	86
95) Naphthalene	15.647	128	151413	8.594	ug/l	99

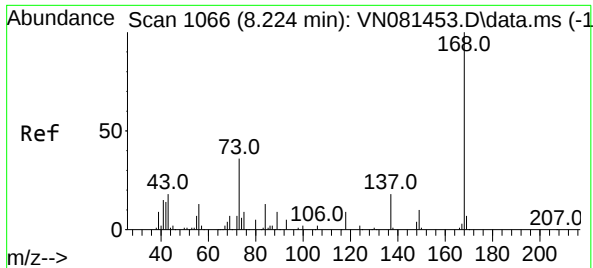
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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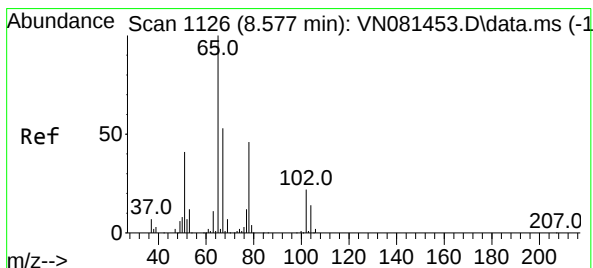
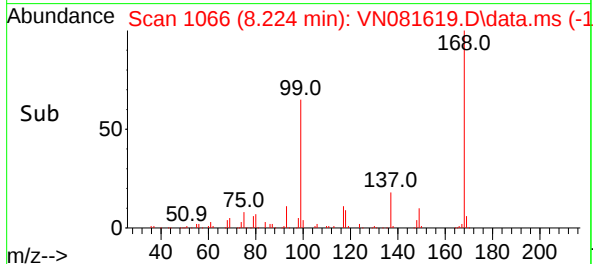
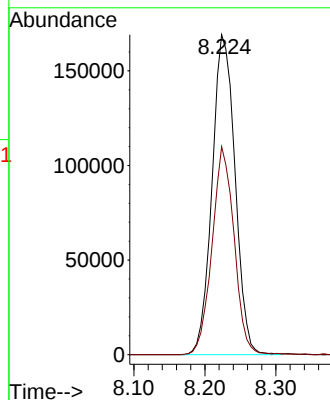
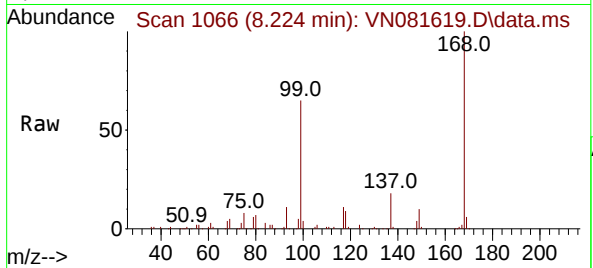




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081619.D
Acq: 29 Mar 2024 16:41

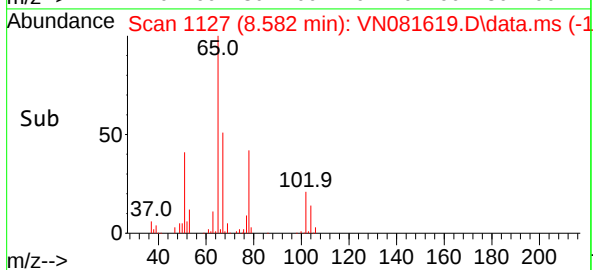
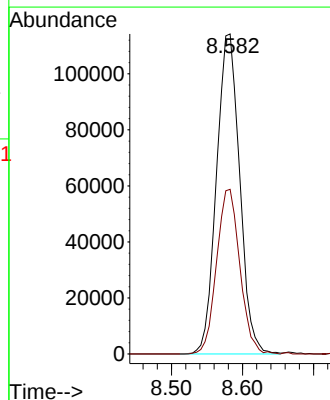
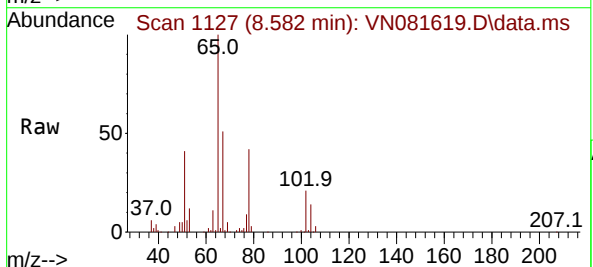
Instrument :
MSVOA_N
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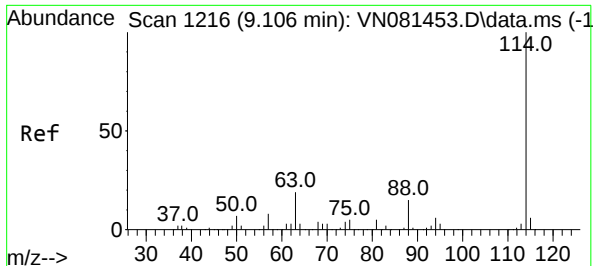
Tgt Ion:168 Resp: 379161
Ion Ratio Lower Upper
168 100
99 65.0 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 53.500 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081619.D
Acq: 29 Mar 2024 16:41

Tgt Ion: 65 Resp: 258688
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081619.D

Acq: 29 Mar 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

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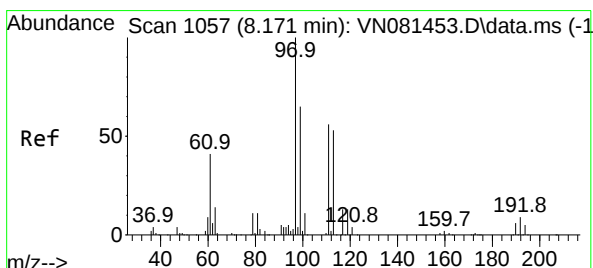
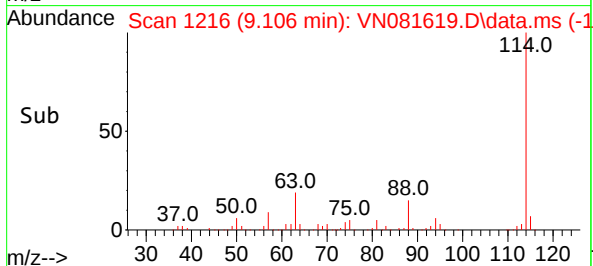
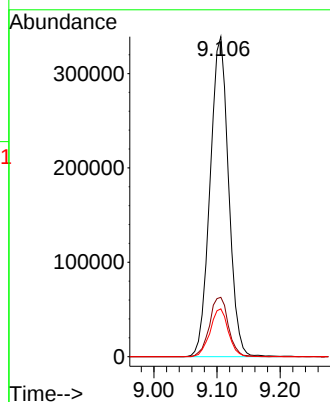
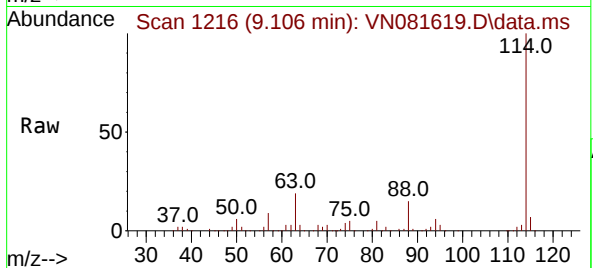
Tgt Ion:114 Resp: 689703

Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

88 15.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.405 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081619.D

Acq: 29 Mar 2024 16:41

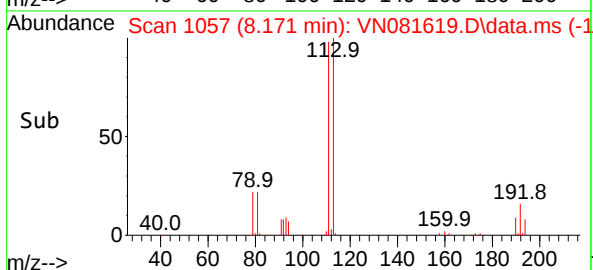
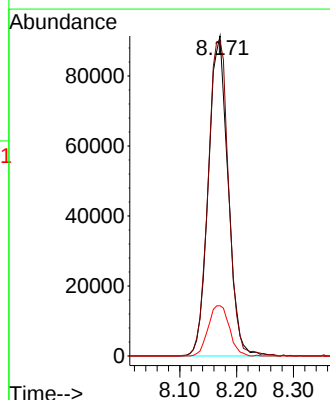
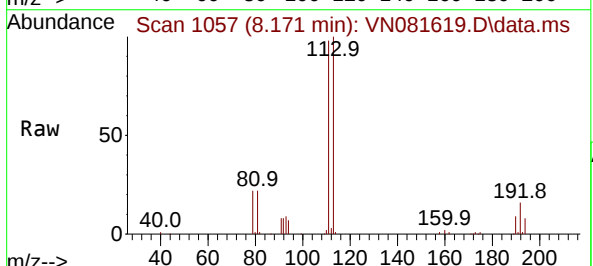
Tgt Ion:113 Resp: 219399

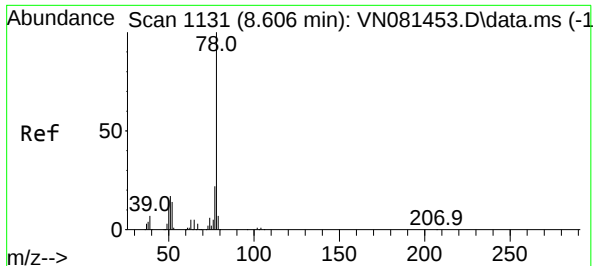
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 16.8 12.5 18.7

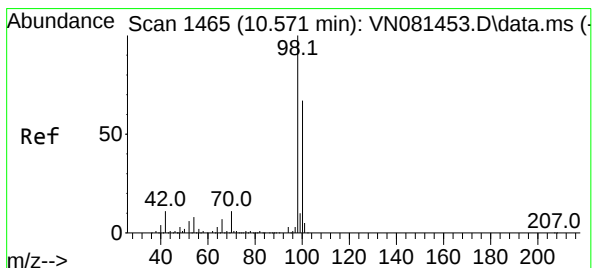
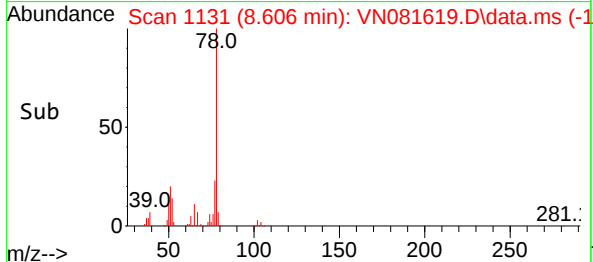
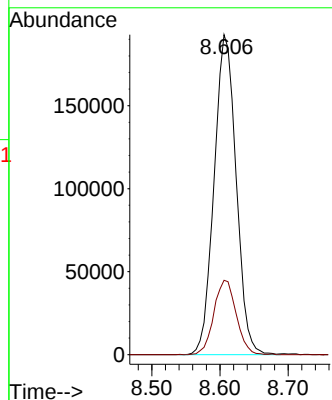
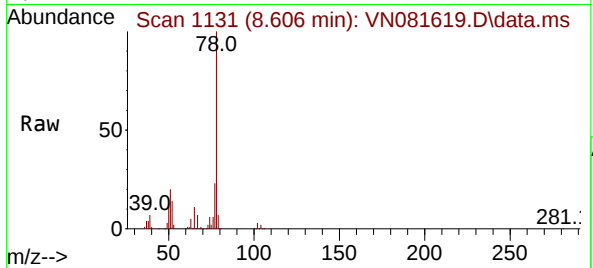




#40
Benzene
Concen: 20.292 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081619.D
Acq: 29 Mar 2024 16:41

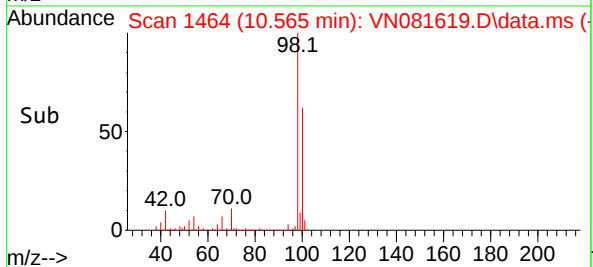
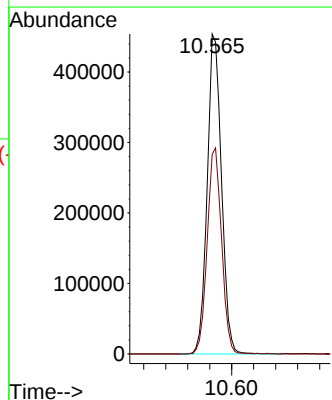
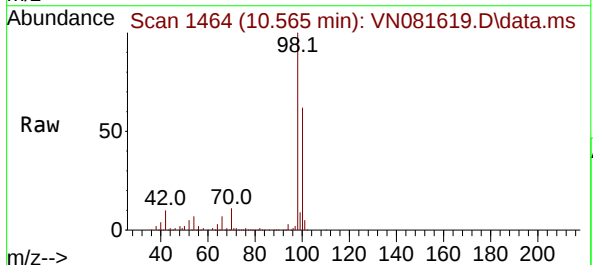
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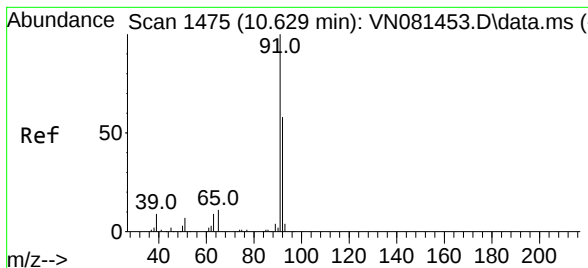
Tgt Ion: 78 Resp: 434574
Ion Ratio Lower Upper
78 100
77 23.2 20.4 30.6



#50
Toluene-d8
Concen: 51.869 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081619.D
Acq: 29 Mar 2024 16:41

Tgt Ion: 98 Resp: 816139
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0





#52

Toluene

Concen: 15.357 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN081619.D

Acq: 29 Mar 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

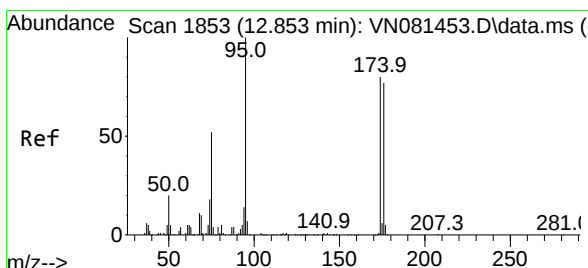
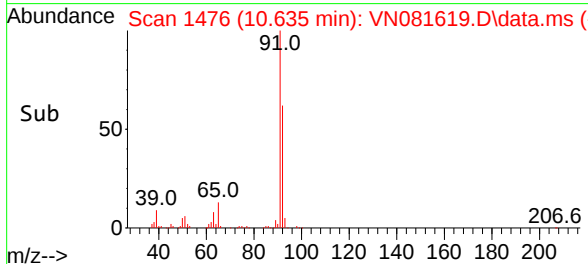
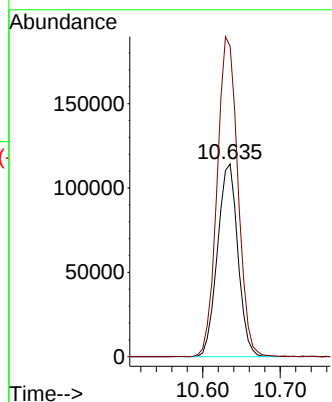
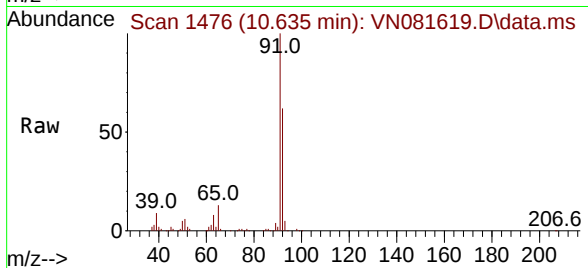
S-18

Tgt Ion: 92 Resp: 209039

Ion Ratio Lower Upper

92 100

91 169.1 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 47.199 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN081619.D

Acq: 29 Mar 2024 16:41

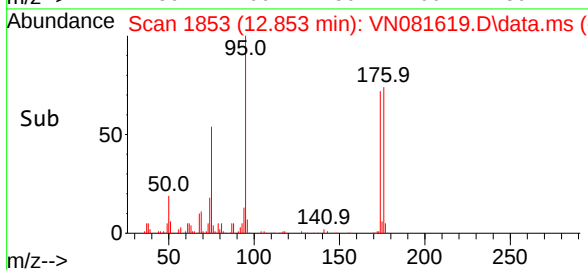
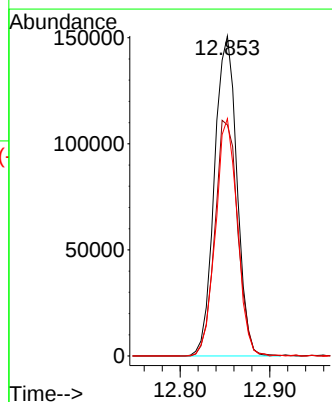
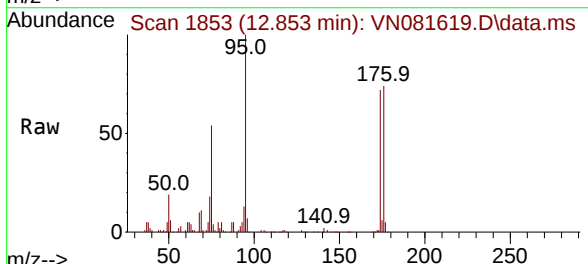
Tgt Ion: 95 Resp: 261684

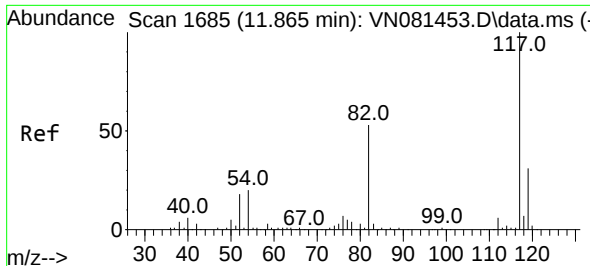
Ion Ratio Lower Upper

95 100

174 75.1 0.0 120.4

176 72.3 0.0 121.0

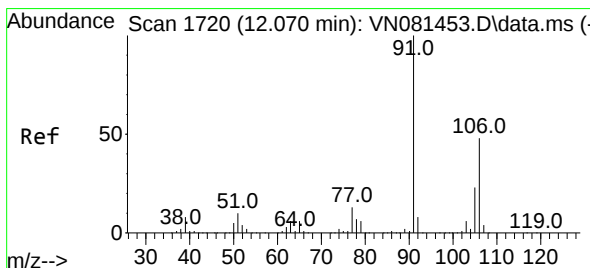
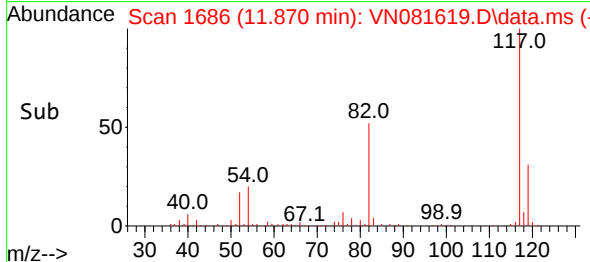
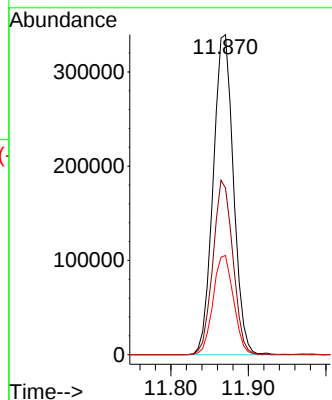
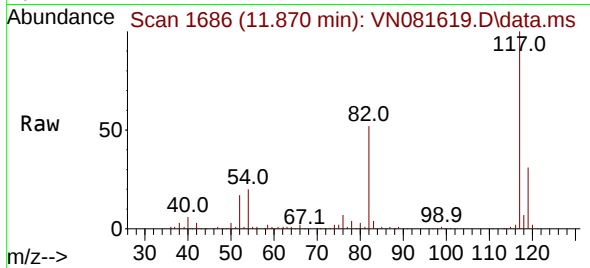




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081619.D
Acq: 29 Mar 2024 16:41

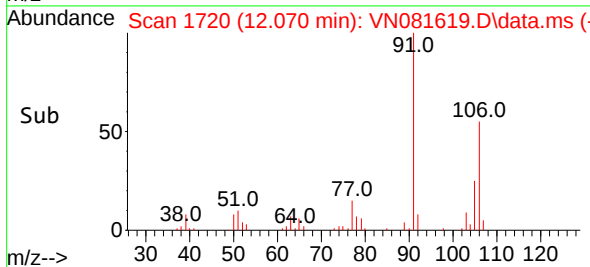
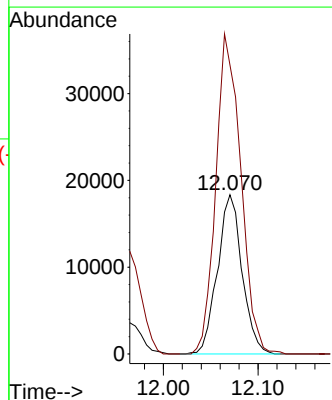
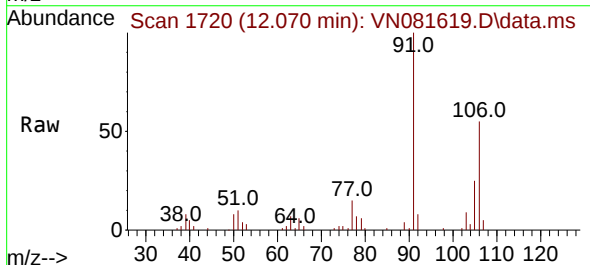
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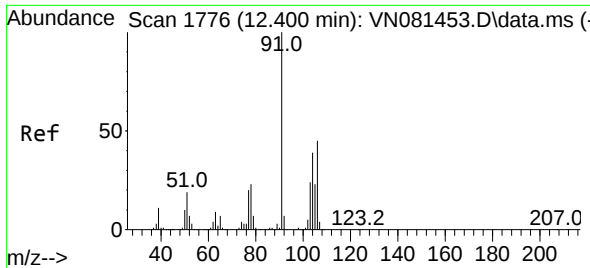
Tgt Ion:117 Resp: 616881
Ion Ratio Lower Upper
117 100
82 52.1 52.7 79.1#
119 31.0 25.3 37.9



#68
m/p-Xylenes
Concen: 3.489 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081619.D
Acq: 29 Mar 2024 16:41

Tgt Ion:106 Resp: 33134
Ion Ratio Lower Upper
106 100
91 204.5 169.0 253.6

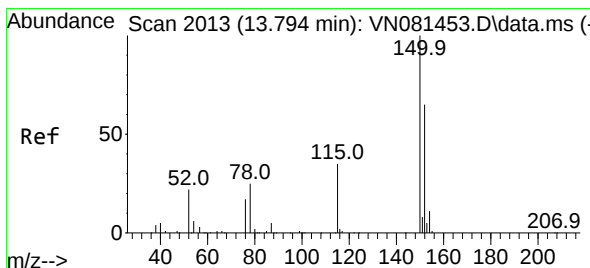
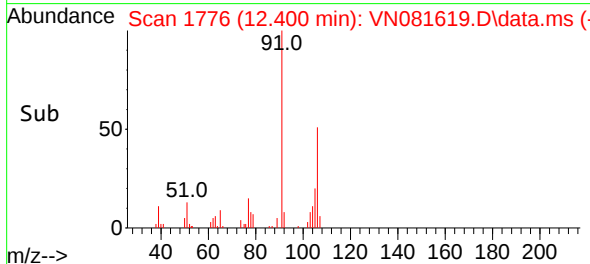
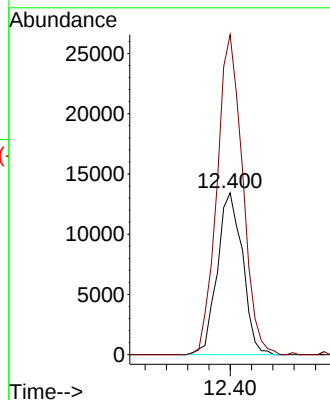
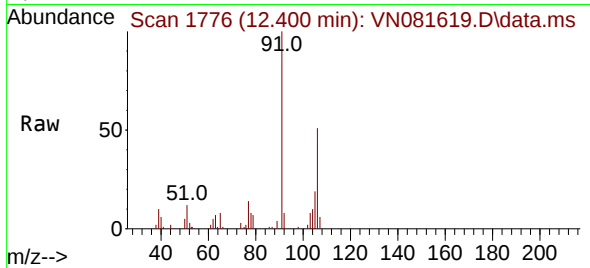




#69
o-Xylene
Concen: 2.369 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081619.D
Acq: 29 Mar 2024 16:41

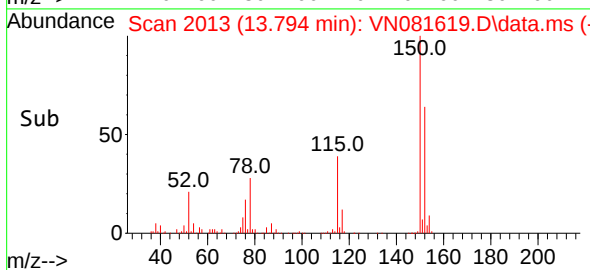
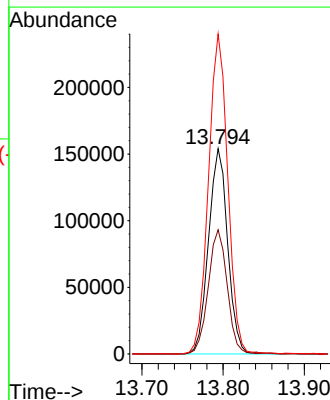
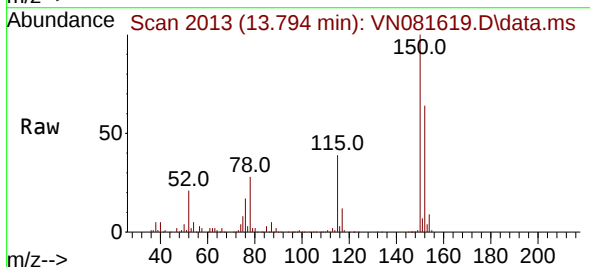
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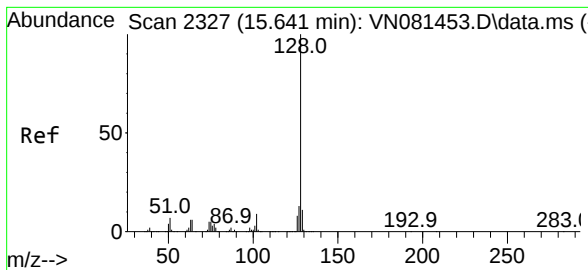
Tgt Ion:106 Resp: 22088
Ion Ratio Lower Upper
106 100
91 200.7 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081619.D
Acq: 29 Mar 2024 16:41

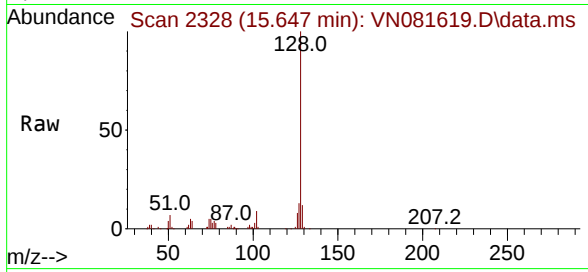
Tgt Ion:152 Resp: 252542
Ion Ratio Lower Upper
152 100
115 59.6 32.3 96.8
150 156.8 0.0 339.8





#95
Naphthalene
Concen: 8.594 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081619.D
Acq: 29 Mar 2024 16:41

Instrument :
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Tgt Ion:	128	Resp:	151413
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.0	15.0
129	10.8	8.7	13.1

