

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081618.D
 Acq On : 29 Mar 2024 16:17
 Operator : JC\MD
 Sample : P1921-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-17

Quant Time: Mar 30 00:31:17 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)

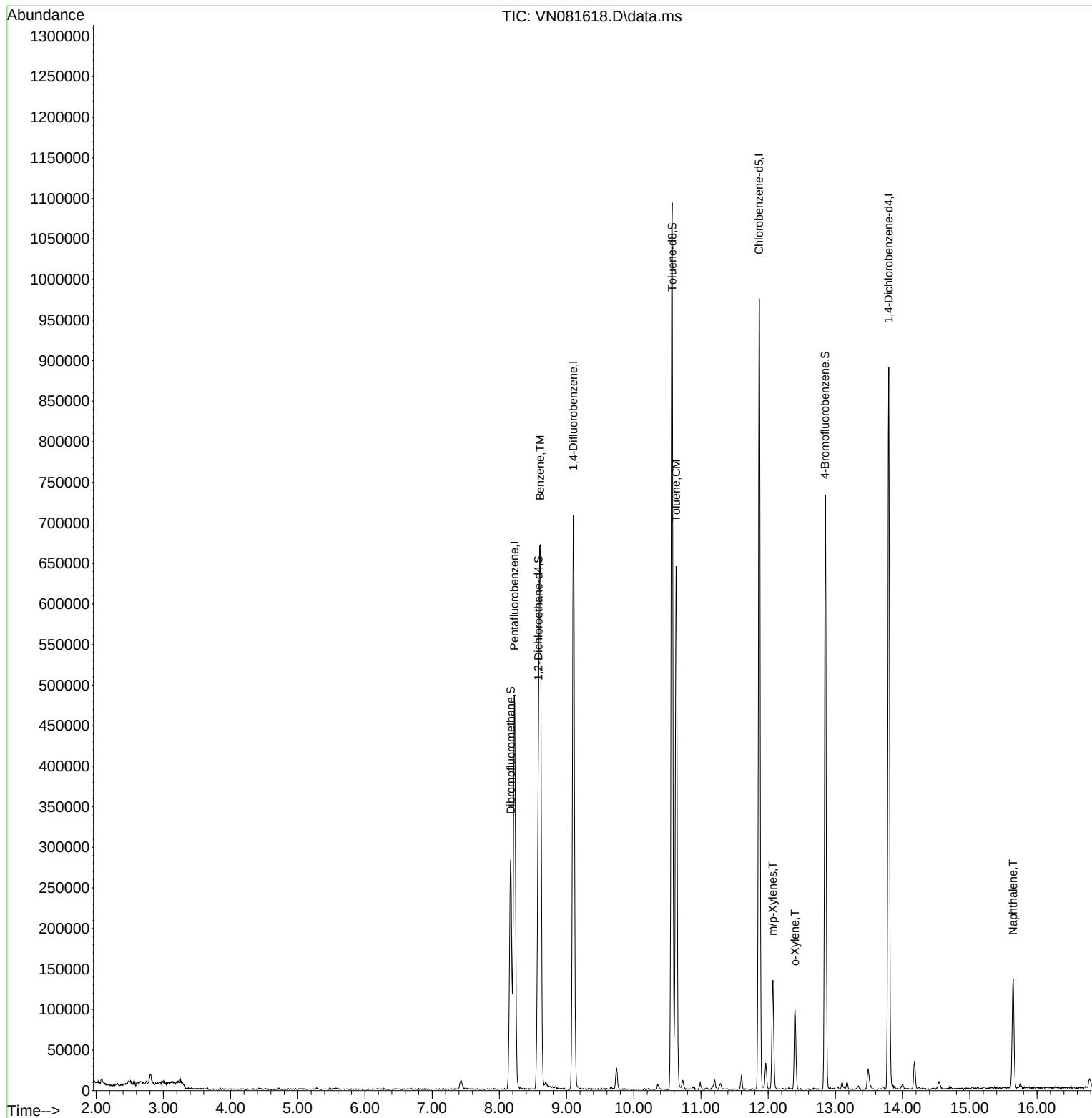
Internal Standards						
1) Pentafluorobenzene	8.224	168	347102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	644162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	585749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240727	54.383	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.760%	
35) Dibromofluoromethane	8.171	113	202445	49.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.600%	
50) Toluene-d8	10.570	98	763450	51.951	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.900%	
62) 4-Bromofluorobenzene	12.847	95	250756	48.426	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.860%	
Target Compounds						
					Qvalue	
40) Benzene	8.606	78	662243	33.110	ug/l	96
52) Toluene	10.629	92	298937	23.515	ug/l	99
68) m/p-Xylenes	12.070	106	44757	4.963	ug/l	88
69) o-Xylene	12.400	106	26067	2.945	ug/l	94
95) Naphthalene	15.647	128	125717	7.731	ug/l	97

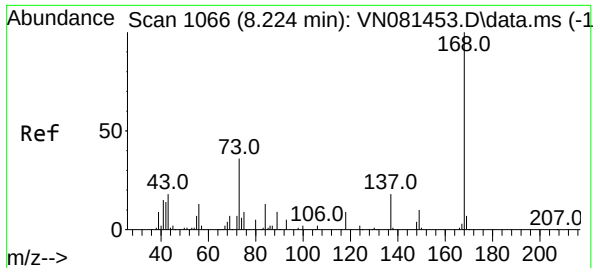
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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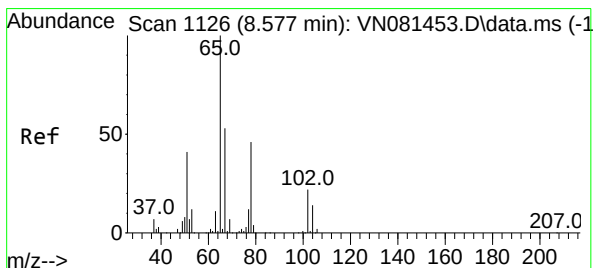
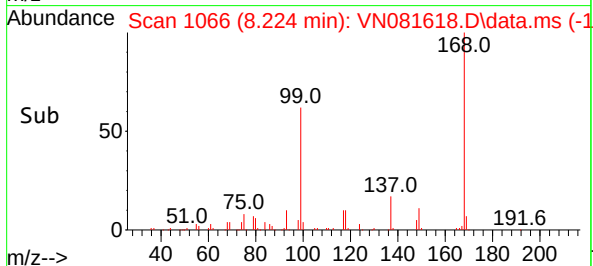
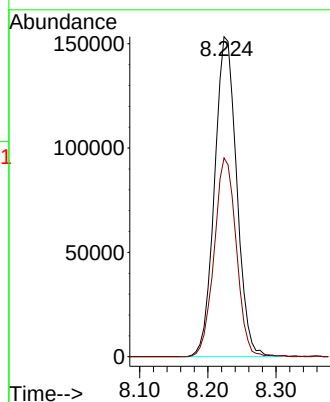
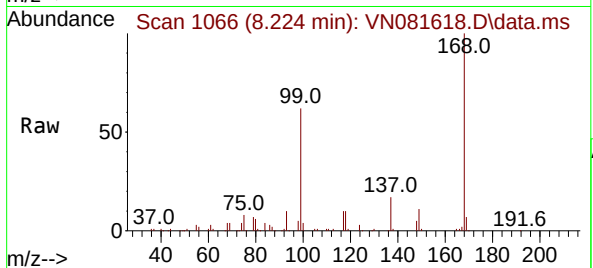




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081618.D
Acq: 29 Mar 2024 16:17

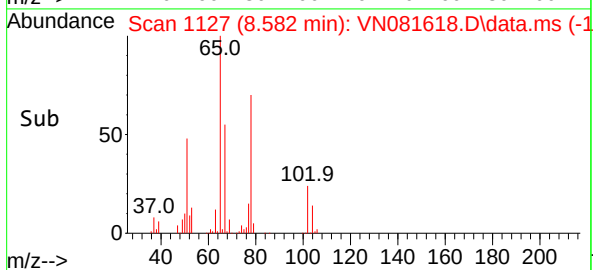
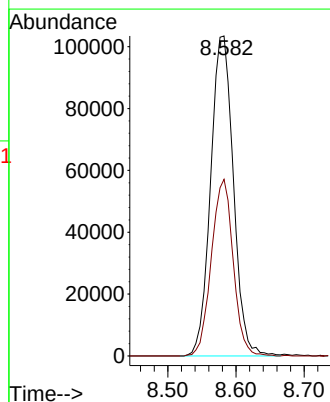
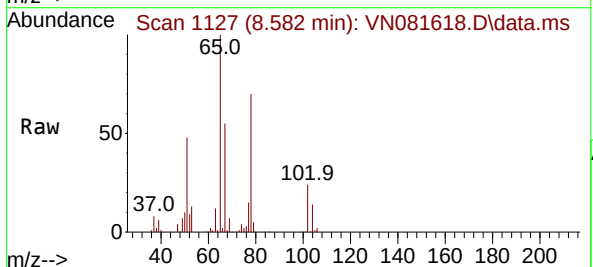
Instrument :
MSVOA_N
ClientSampleId :
S-17

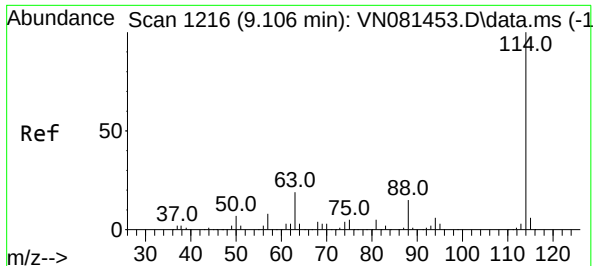
Tgt Ion:168 Resp: 347102
Ion Ratio Lower Upper
168 100
99 62.1 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 54.383 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081618.D
Acq: 29 Mar 2024 16:17

Tgt Ion: 65 Resp: 240727
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081618.D

Acq: 29 Mar 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

S-17

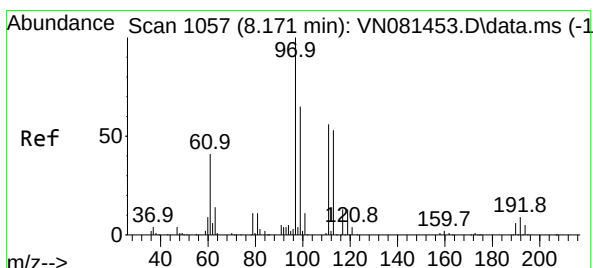
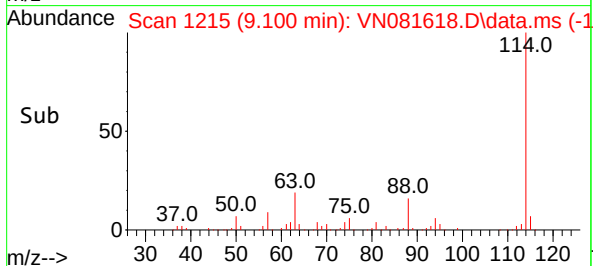
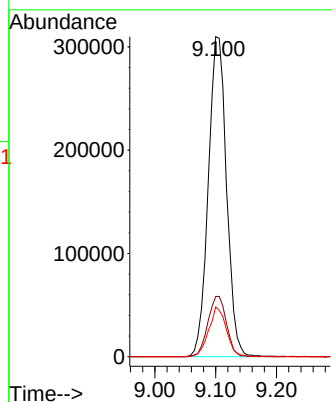
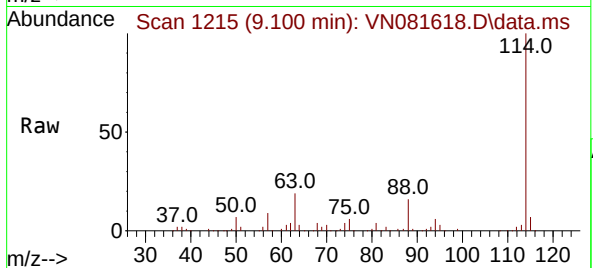
Tgt Ion:114 Resp: 644162

Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 15.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.798 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081618.D

Acq: 29 Mar 2024 16:17

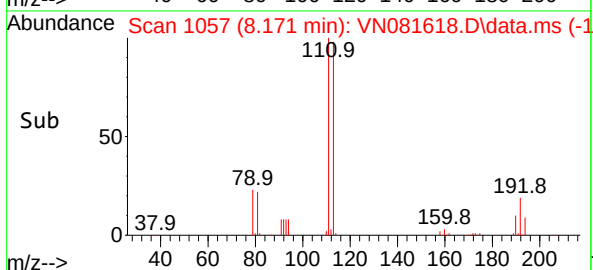
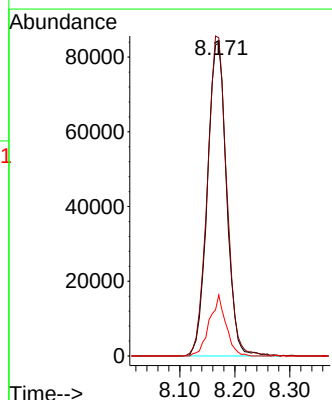
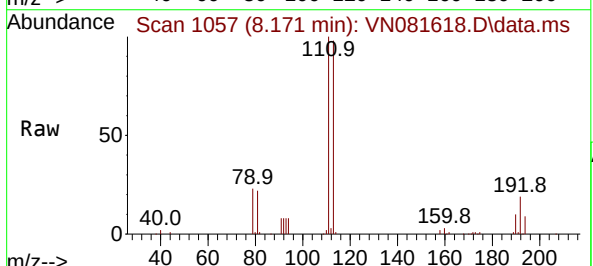
Tgt Ion:113 Resp: 202445

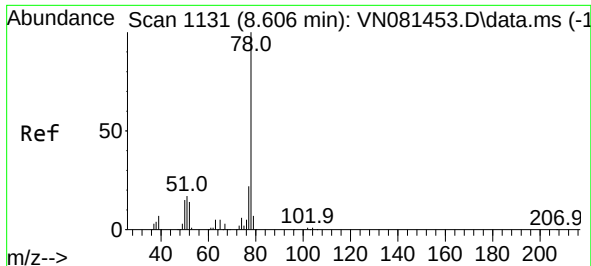
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 16.8 12.5 18.7

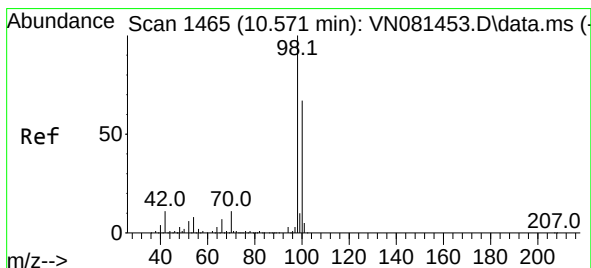
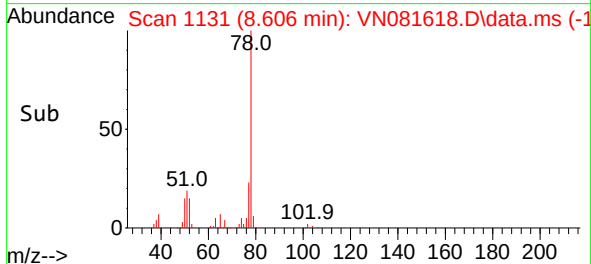
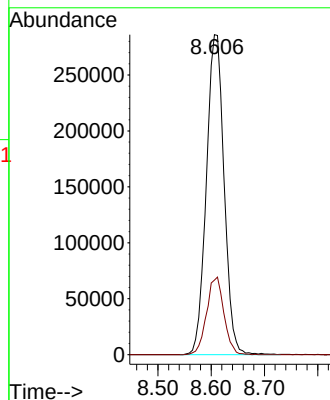
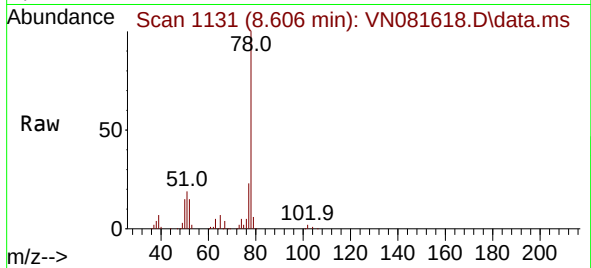




#40
Benzene
Concen: 33.110 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081618.D
Acq: 29 Mar 2024 16:17

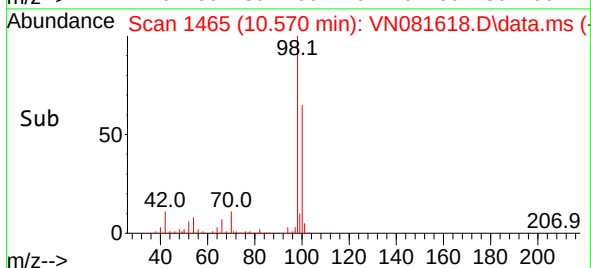
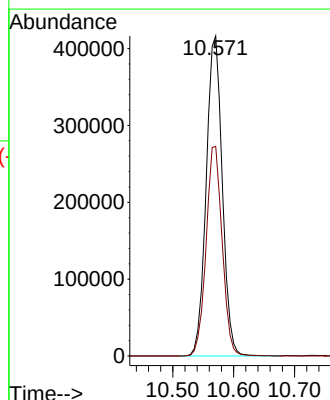
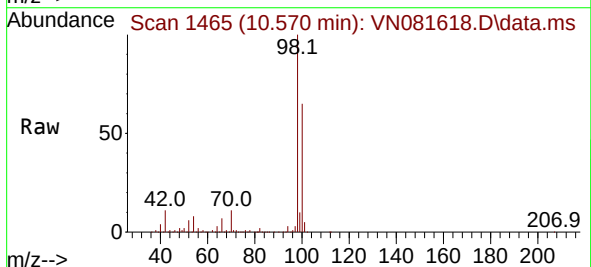
Instrument :
MSVOA_N
ClientSampleId :
S-17

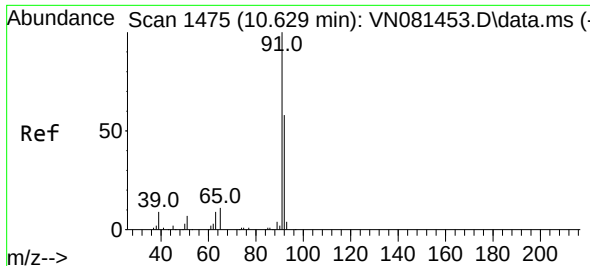
Tgt Ion: 78 Resp: 662243
Ion Ratio Lower Upper
78 100
77 23.3 20.4 30.6



#50
Toluene-d8
Concen: 51.951 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081618.D
Acq: 29 Mar 2024 16:17

Tgt Ion: 98 Resp: 763450
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0

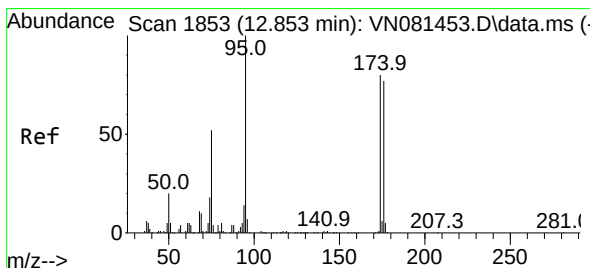
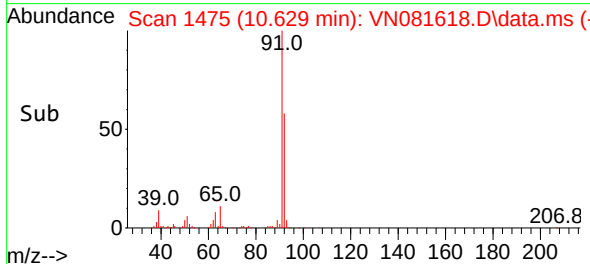
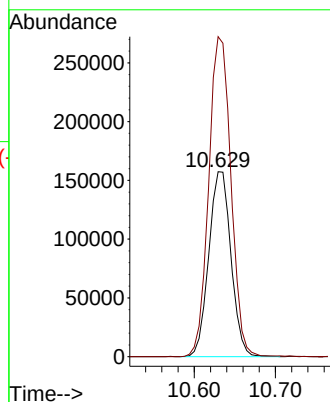
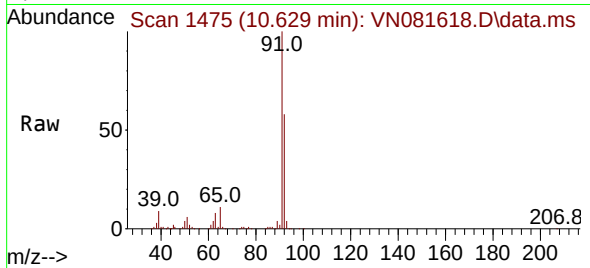




#52
Toluene
Concen: 23.515 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081618.D
Acq: 29 Mar 2024 16:17

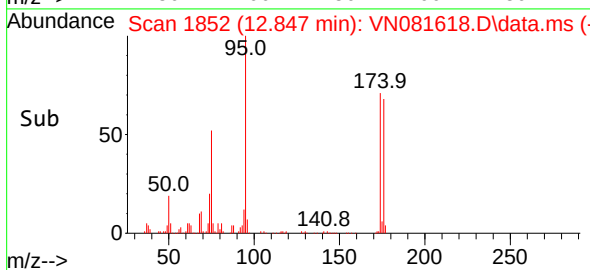
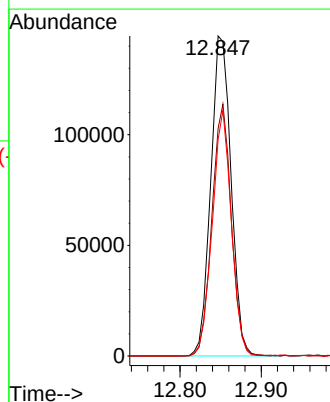
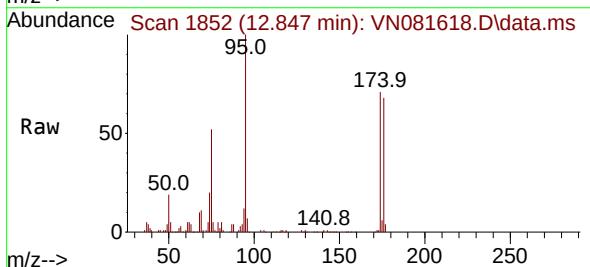
Instrument :
MSVOA_N
ClientSampleId :
S-17

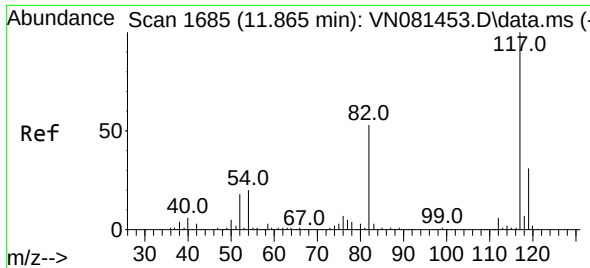
Tgt Ion: 92 Resp: 298937
Ion Ratio Lower Upper
92 100
91 173.0 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 48.426 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081618.D
Acq: 29 Mar 2024 16:17

Tgt Ion: 95 Resp: 250756
Ion Ratio Lower Upper
95 100
174 75.4 0.0 120.4
176 72.1 0.0 121.0

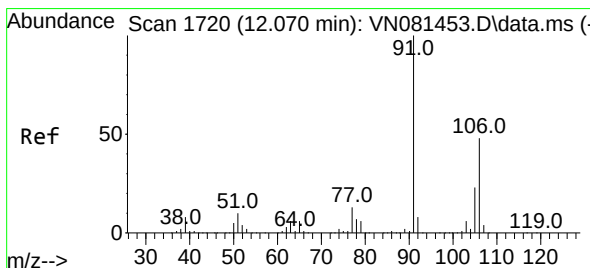
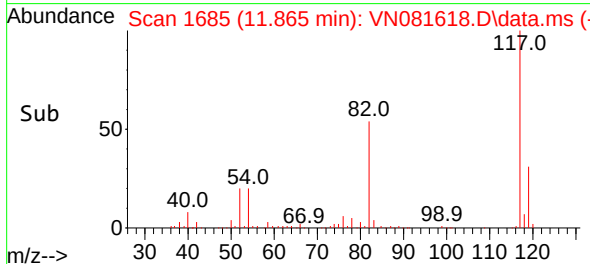
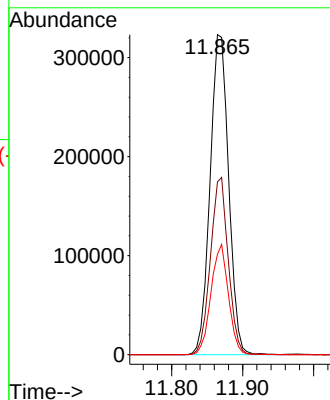
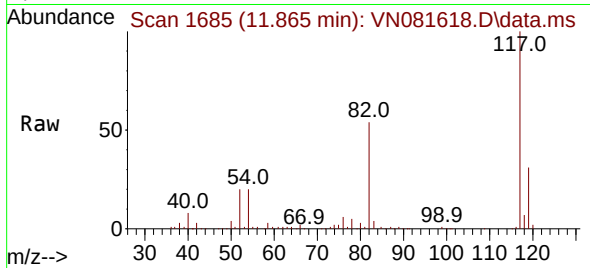




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081618.D
Acq: 29 Mar 2024 16:17

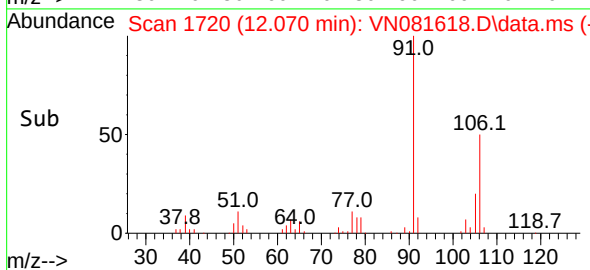
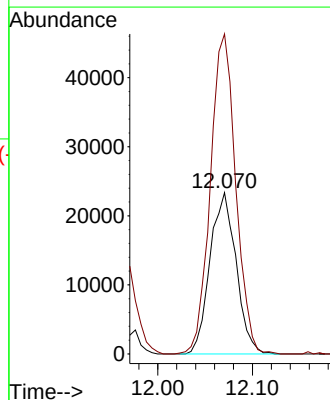
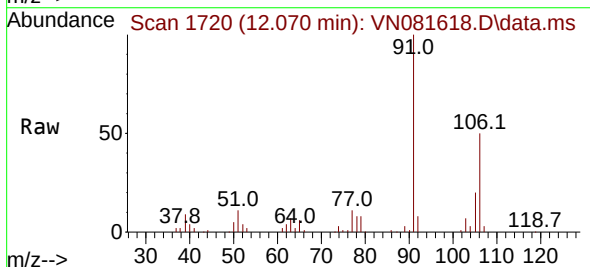
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ClientSampleId :
S-17

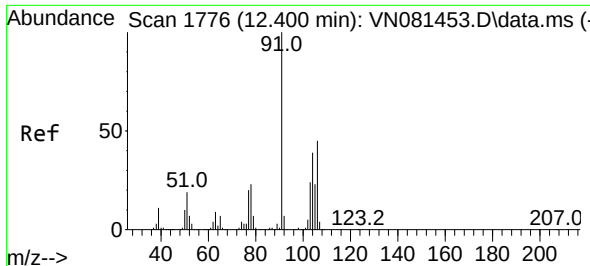
Tgt Ion:117 Resp: 585749
Ion Ratio Lower Upper
117 100
82 54.0 52.7 79.1
119 31.4 25.3 37.9



#68
m/p-Xylenes
Concen: 4.963 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081618.D
Acq: 29 Mar 2024 16:17

Tgt Ion:106 Resp: 44757
Ion Ratio Lower Upper
106 100
91 192.7 169.0 253.6

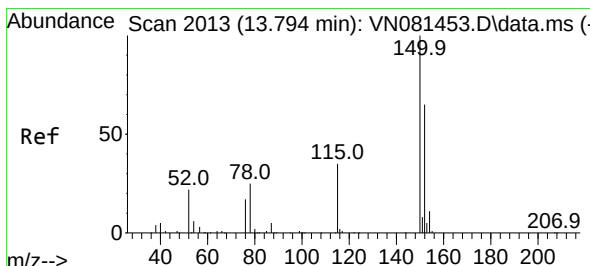
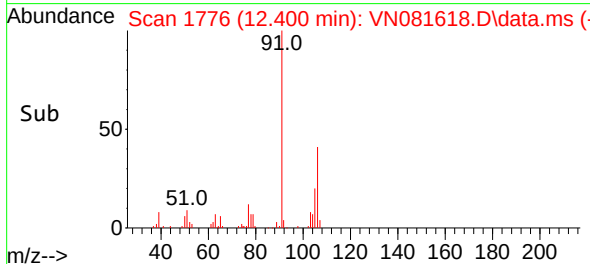
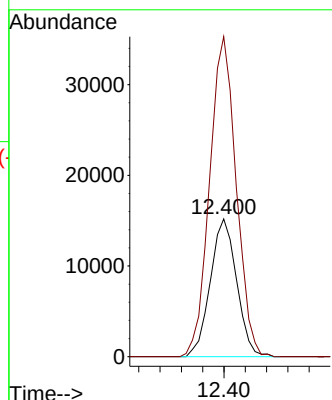
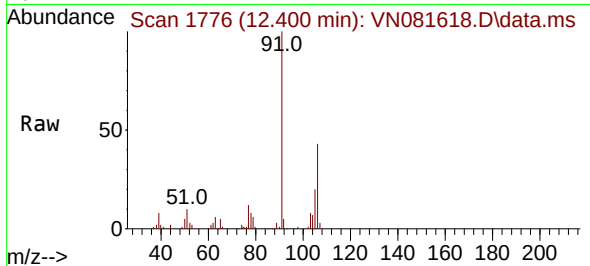




#69
o-Xylene
Concen: 2.945 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081618.D
Acq: 29 Mar 2024 16:17

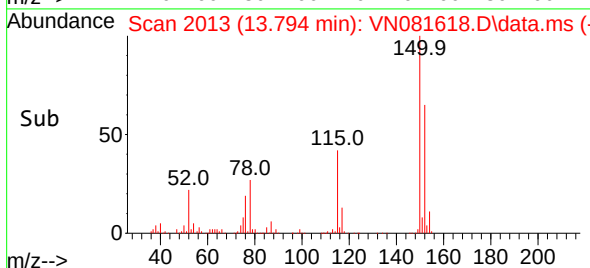
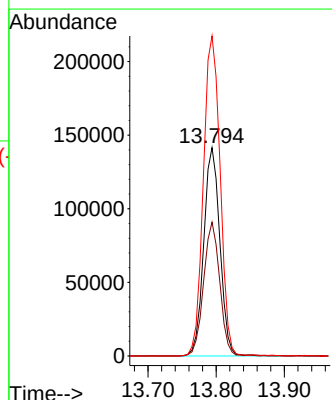
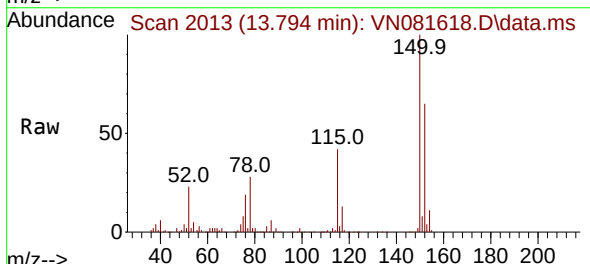
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ClientSampleId :
S-17

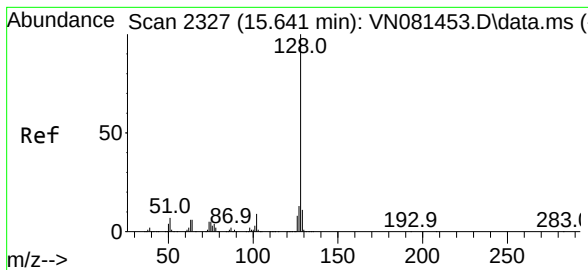
Tgt Ion:106 Resp: 26067
Ion Ratio Lower Upper
106 100
91 234.5 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081618.D
Acq: 29 Mar 2024 16:17

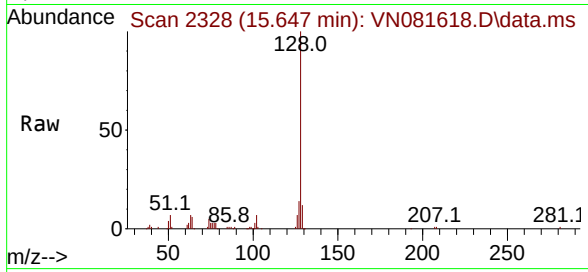
Tgt Ion:152 Resp: 233074
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 159.2 0.0 339.8





#95
Naphthalene
Concen: 7.731 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081618.D
Acq: 29 Mar 2024 16:17

Instrument :
MSVOA_N
ClientSampleId :
S-17



Tgt Ion:128 Resp: 125717
Ion Ratio Lower Upper
128 100
127 14.1 10.0 15.0
129 11.9 8.7 13.1

