

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083311.D
 Acq On : 14 Aug 2024 19:18
 Operator : JC\MD
 Sample : P3601-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 918-J-WPO-0.25-081324

Quant Time: Aug 14 23:25:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

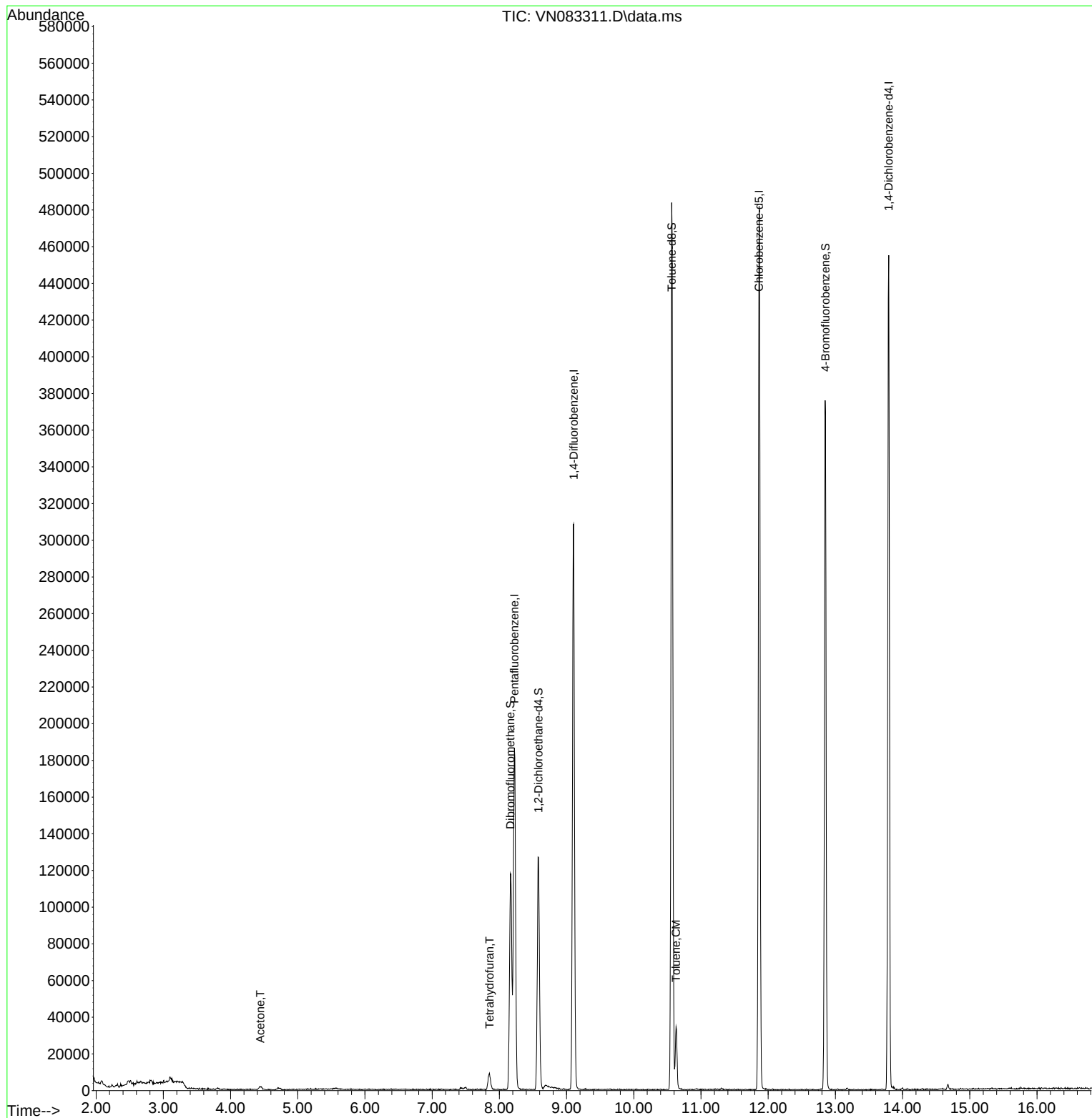
Internal Standards						
1) Pentafluorobenzene	8.224	168	132738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	257654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	108236	57.287	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.580%	
35) Dibromofluoromethane	8.165	113	86279	53.649	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.300%	
50) Toluene-d8	10.565	98	330454	55.084	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.160%	
62) 4-Bromofluorobenzene	12.853	95	136247	58.256	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 116.520%	
Target Compounds						
						Qvalue
16) Acetone	4.442	43	3433	4.644	ug/l	96
29) Tetrahydrofuran	7.853	42	7284	9.926	ug/l	91
52) Toluene	10.629	92	15081	3.293	ug/l	92

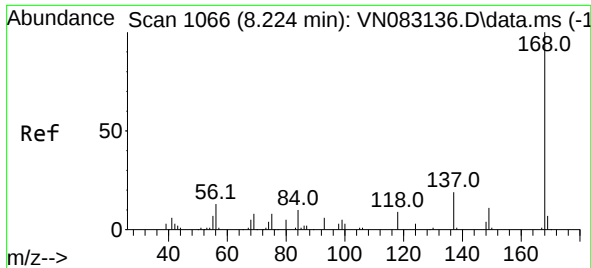
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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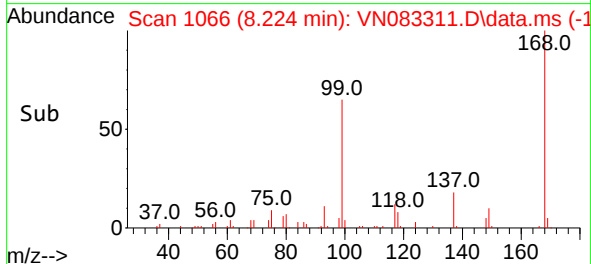
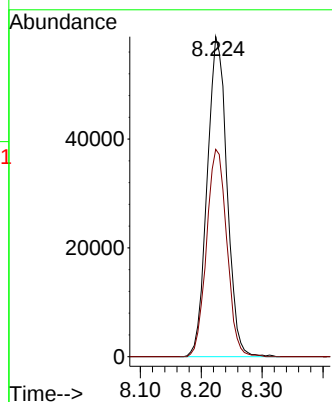
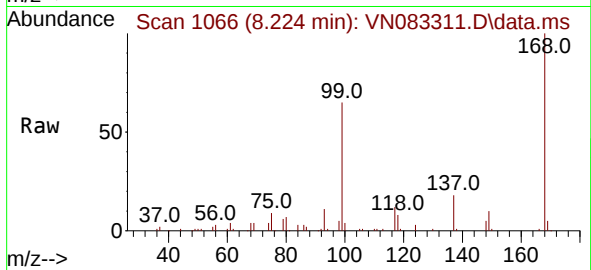




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083311.D
Acq: 14 Aug 2024 19:18

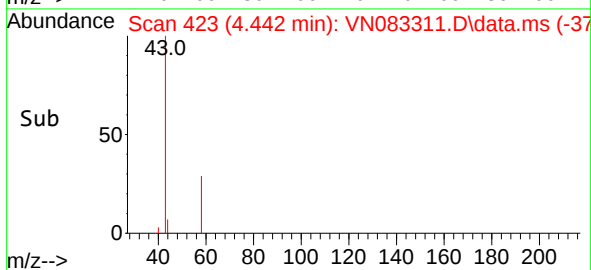
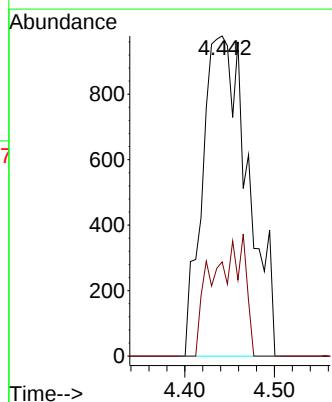
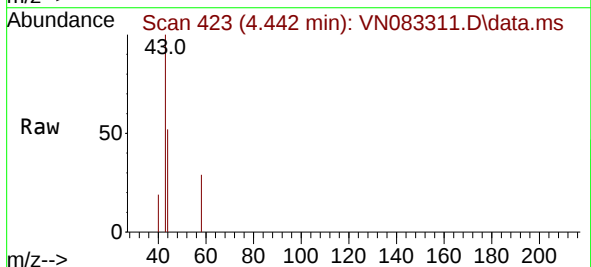
Instrument :
MSVOA_N
ClientSampleId :
918-J-WPO-0.25-081324

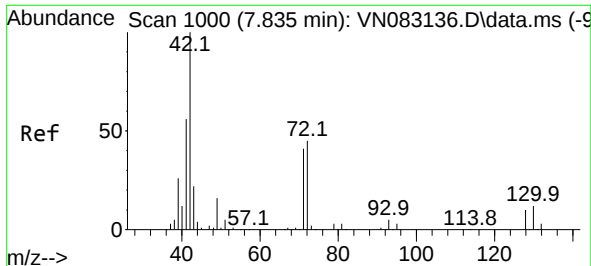
Tgt Ion:168 Resp: 132738
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4



#16
Acetone
Concen: 4.644 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083311.D
Acq: 14 Aug 2024 19:18

Tgt Ion: 43 Resp: 3433
Ion Ratio Lower Upper
43 100
58 29.4 21.8 32.6





#29

Tetrahydrofuran

Concen: 9.926 ug/l

RT: 7.853 min Scan# 1000

Delta R.T. 0.018 min

Lab File: VN083311.D

Acq: 14 Aug 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

918-J-WPO-0.25-081324

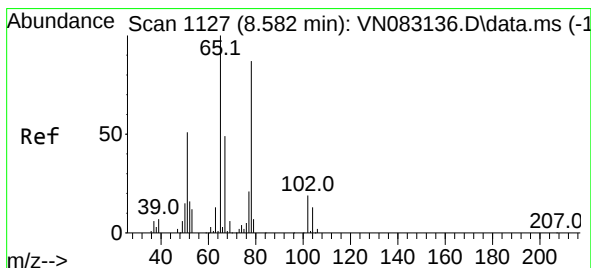
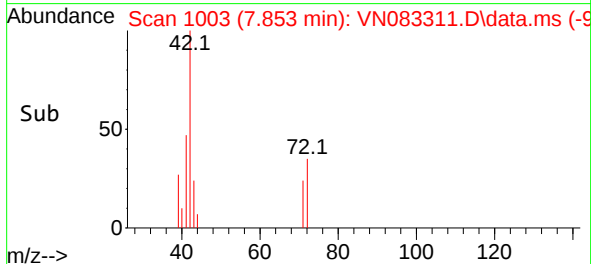
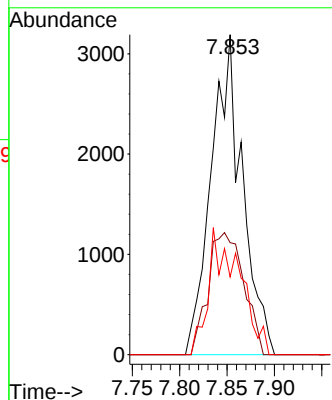
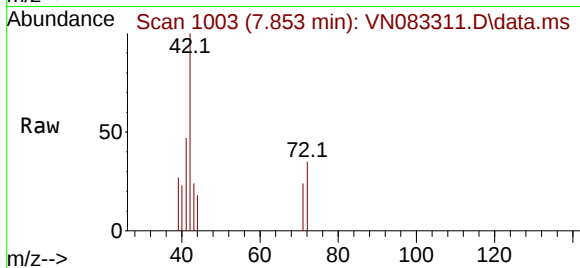
Tgt Ion: 42 Resp: 7284

Ion Ratio Lower Upper

42 100

72 43.8 30.0 45.0

71 39.5 28.3 42.5



#33

1,2-Dichloroethane-d4

Concen: 57.287 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083311.D

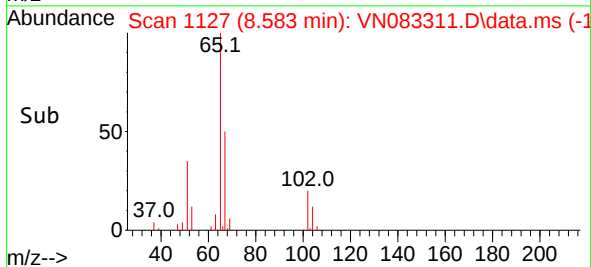
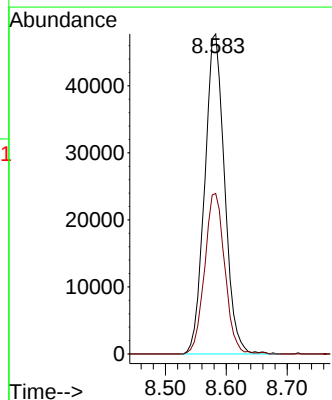
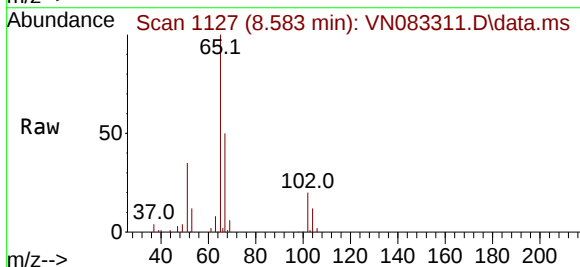
Acq: 14 Aug 2024 19:18

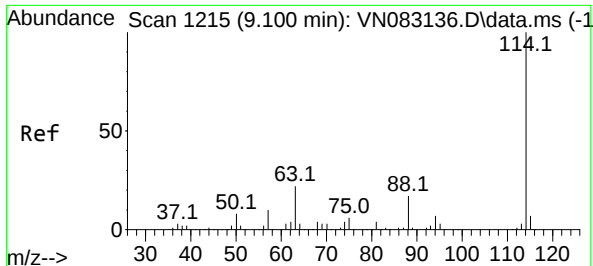
Tgt Ion: 65 Resp: 108236

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083311.D

Acq: 14 Aug 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

918-J-WPO-0.25-081324

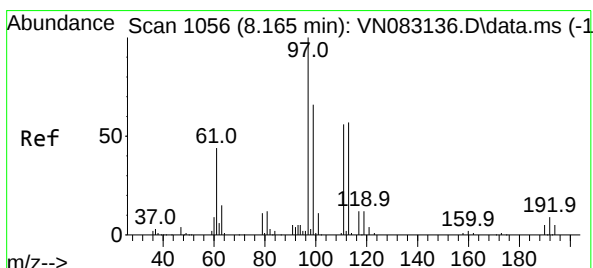
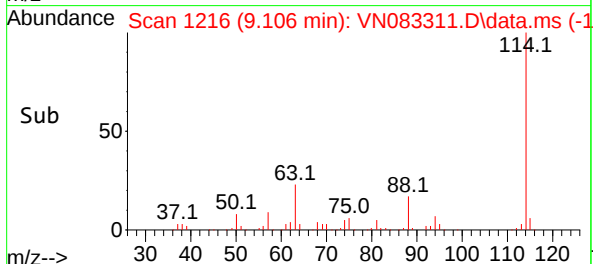
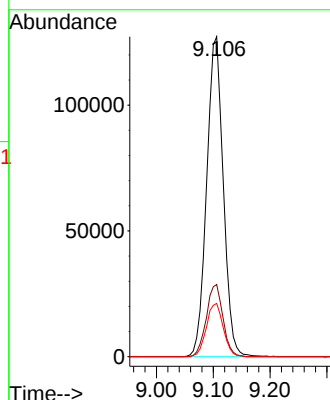
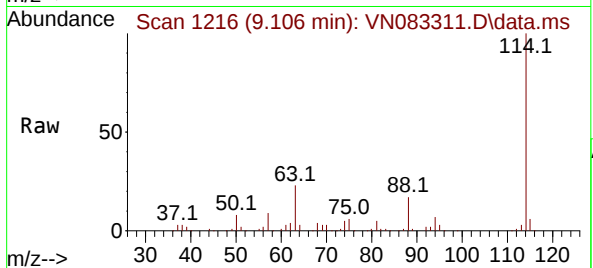
Tgt Ion:114 Resp: 257654

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 16.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.649 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083311.D

Acq: 14 Aug 2024 19:18

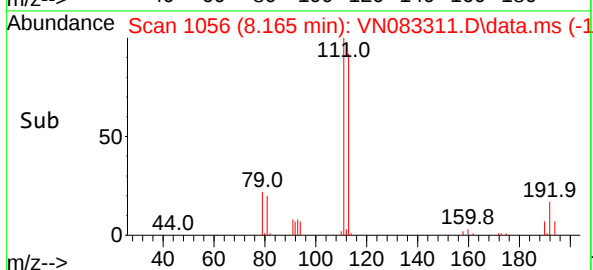
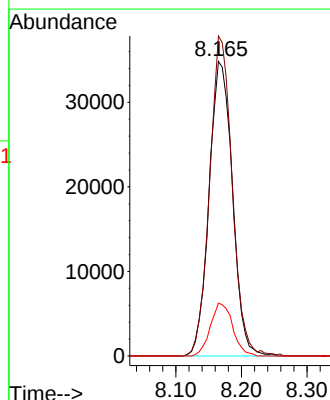
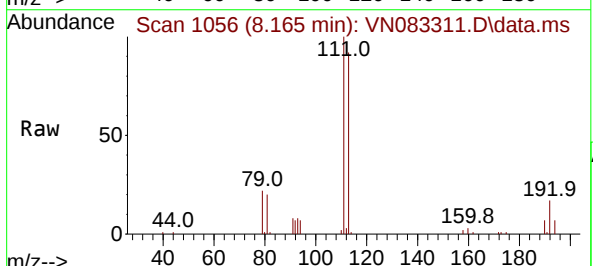
Tgt Ion:113 Resp: 86279

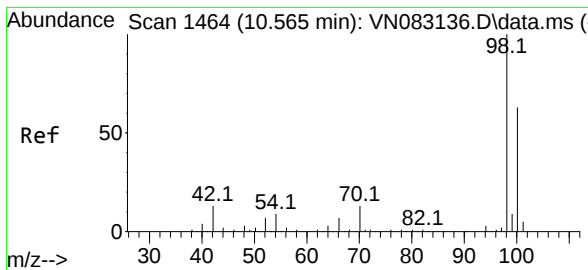
Ion Ratio Lower Upper

113 100

111 104.8 82.4 123.6

192 17.1 14.9 22.3

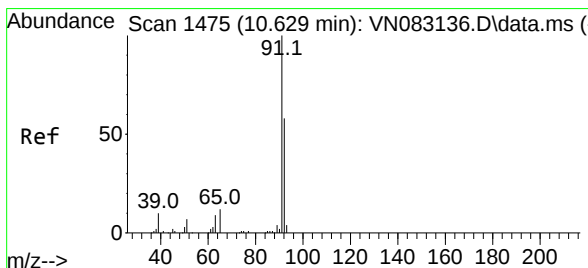
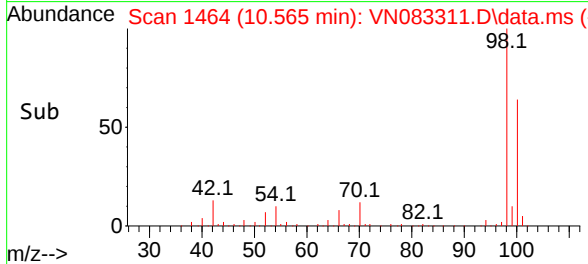
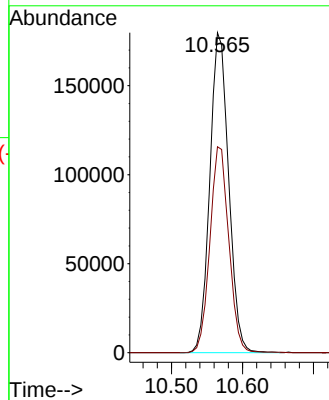
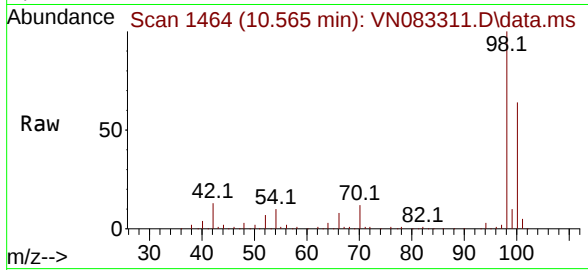




#50
Toluene-d8
Concen: 55.084 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083311.D
Acq: 14 Aug 2024 19:18

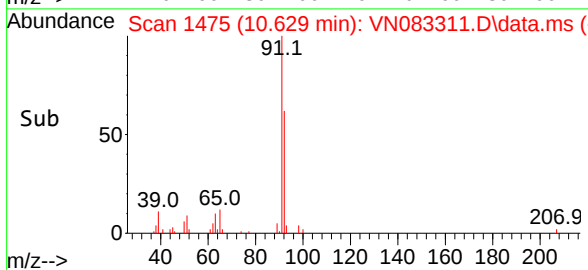
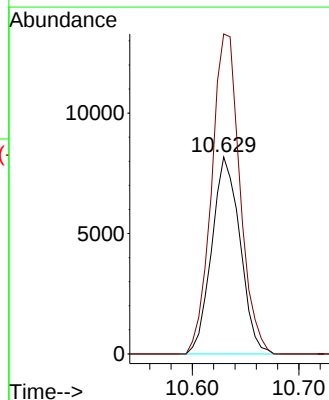
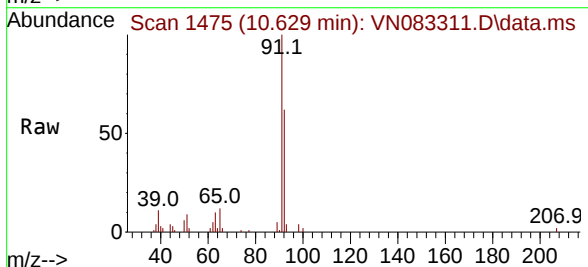
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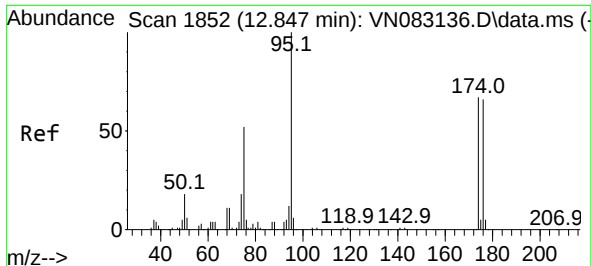
Tgt Ion: 98 Resp: 330454
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#52
Toluene
Concen: 3.293 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083311.D
Acq: 14 Aug 2024 19:18

Tgt Ion: 92 Resp: 15081
Ion Ratio Lower Upper
92 100
91 162.9 139.4 209.0

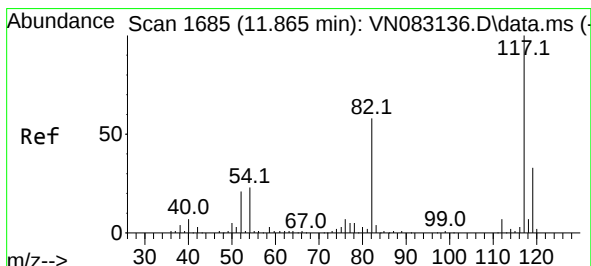
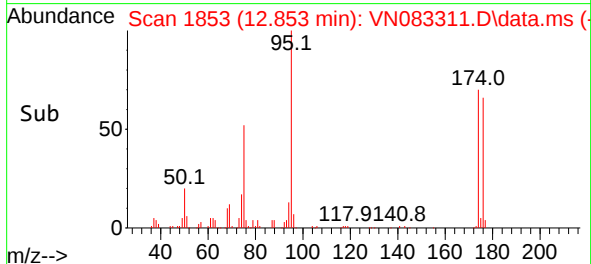
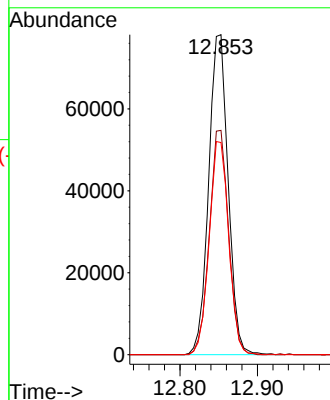
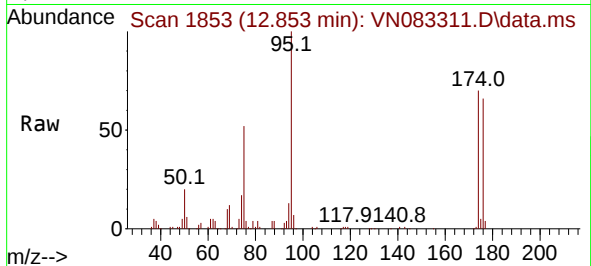




#62
4-Bromofluorobenzene
Concen: 58.256 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083311.D
Acq: 14 Aug 2024 19:18

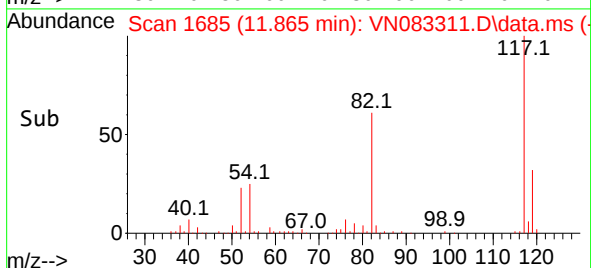
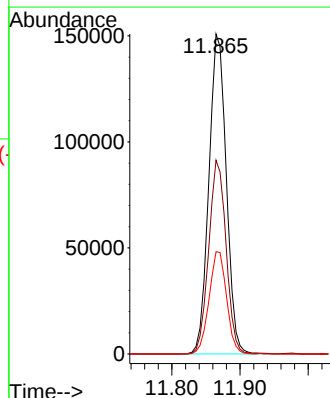
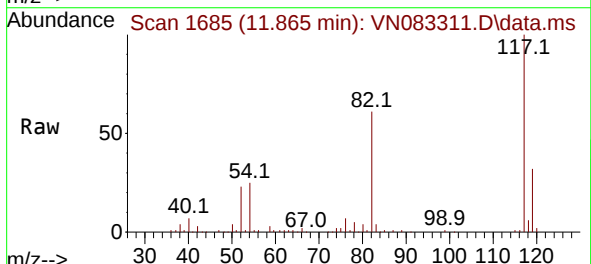
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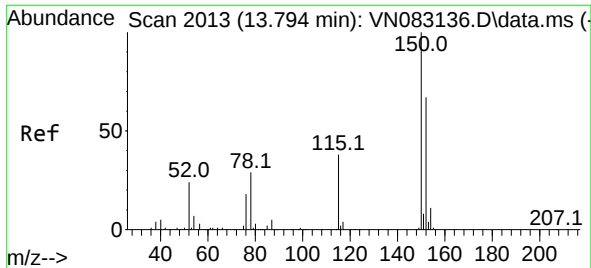
Tgt Ion: 95 Resp: 136247
Ion Ratio Lower Upper
95 100
174 69.3 0.0 159.2
176 66.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083311.D
Acq: 14 Aug 2024 19:18

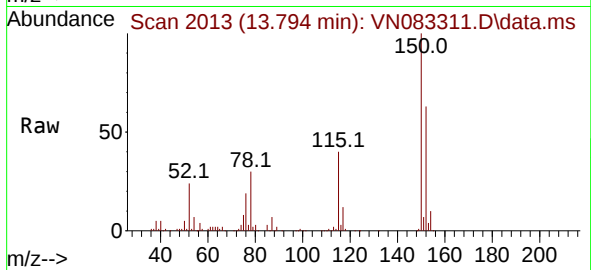
Tgt Ion: 117 Resp: 268755
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 31.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083311.D
 Acq: 14 Aug 2024 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 918-J-WPO-0.25-081324



Tgt Ion:	152	Resp:	120062
Ion	Ratio	Lower	Upper
152	100		
115	64.1	30.6	91.6
150	158.9	0.0	348.6

