

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083951.D
 Acq On : 17 Sep 2024 17:29
 Operator : JC\MD
 Sample : P3957-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D1-20240909

Quant Time: Sep 18 05:22:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

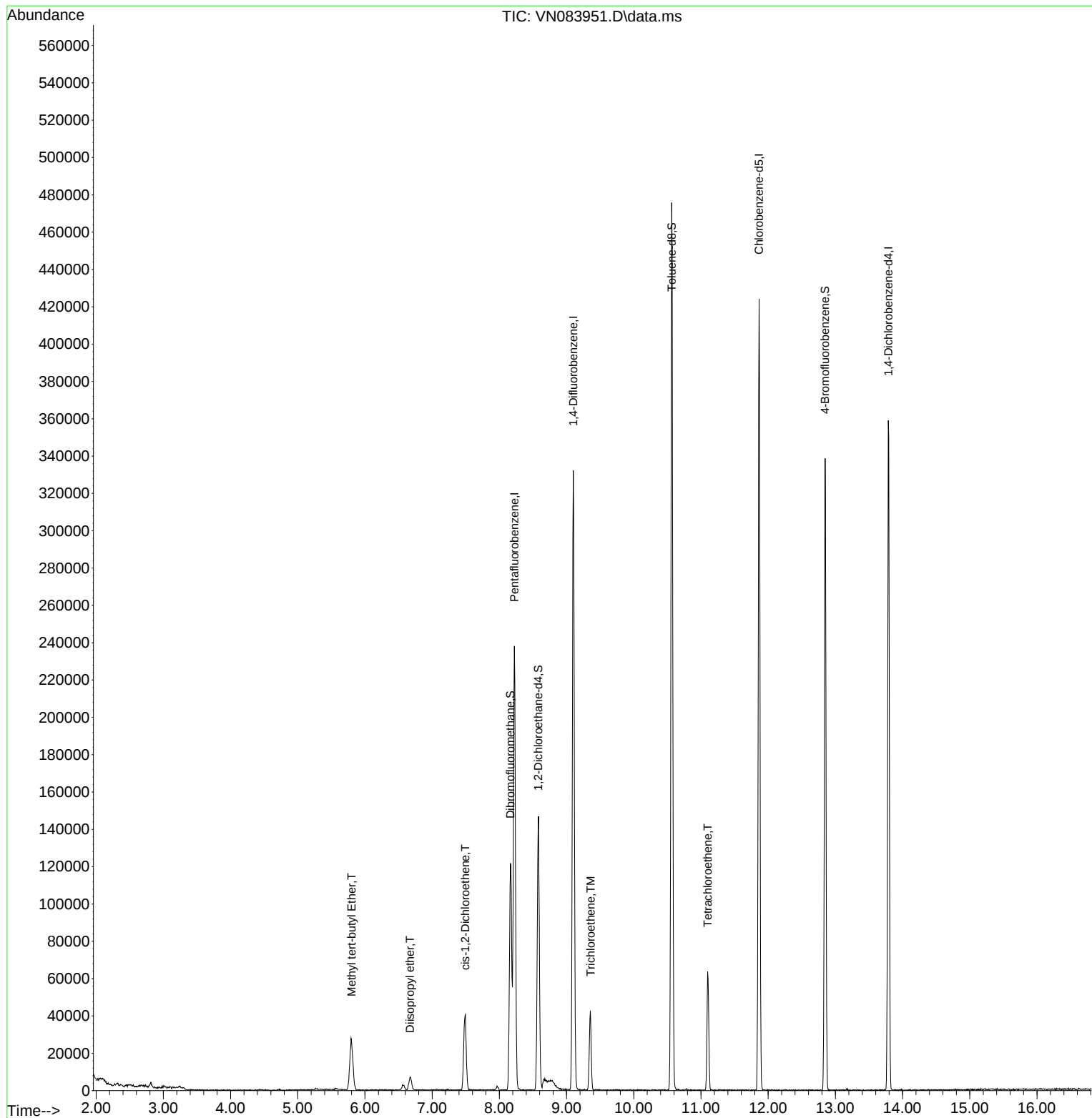
Internal Standards						
1) Pentafluorobenzene	8.224	168	156123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	121985	51.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.640%	
35) Dibromofluoromethane	8.165	113	87096	50.660	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.320%	
50) Toluene-d8	10.565	98	315169	53.028	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.060%	
62) 4-Bromofluorobenzene	12.847	95	112441	45.855	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.700%	
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.800	73	40681	6.657	ug/l	98
22) Diisopropyl ether	6.671	45	8568	1.383	ug/l #	90
27) cis-1,2-Dichloroethene	7.494	96	22818	10.622	ug/l	93
44) Trichloroethene	9.359	130	13815	7.660	ug/l	96
64) Tetrachloroethene	11.100	164	14034	9.517	ug/l	95

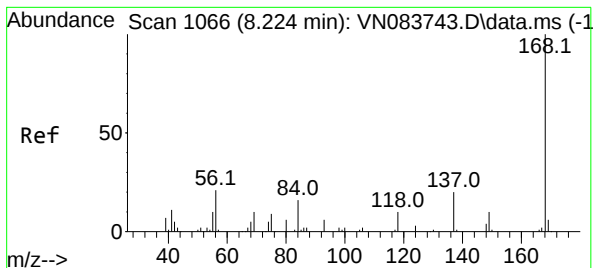
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

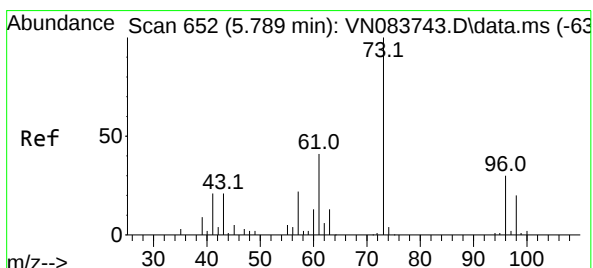
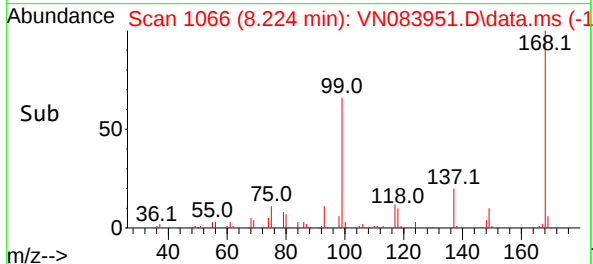
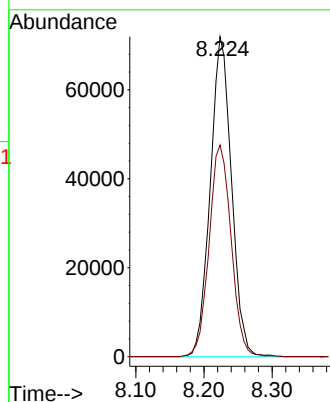
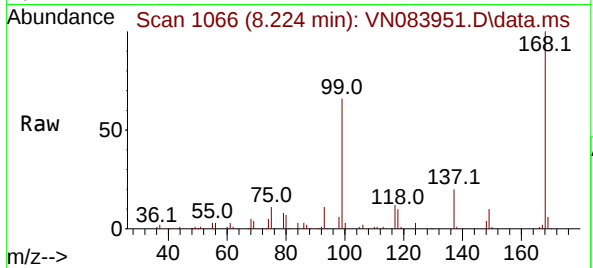




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

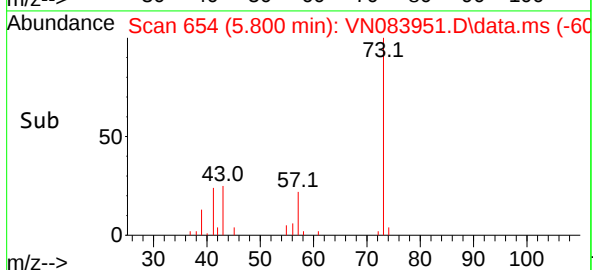
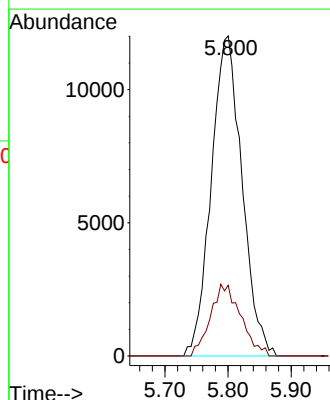
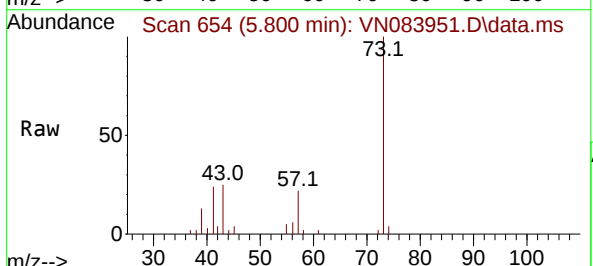
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20240909

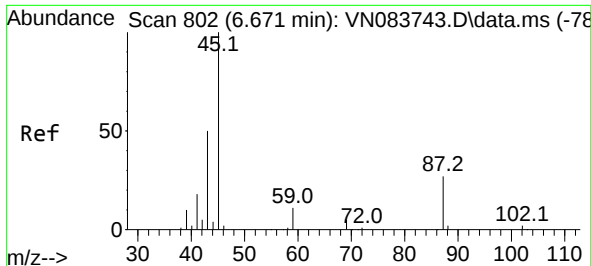
Tgt Ion:168 Resp: 156123
Ion Ratio Lower Upper
168 100
99 66.2 54.2 81.2



#19
Methyl tert-butyl Ether
Concen: 6.657 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.012 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

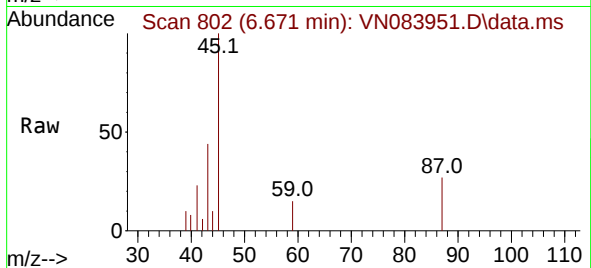
Tgt Ion: 73 Resp: 40681
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.6



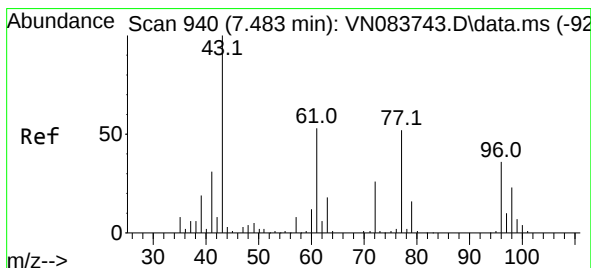
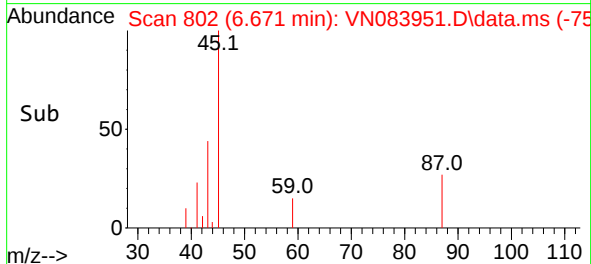
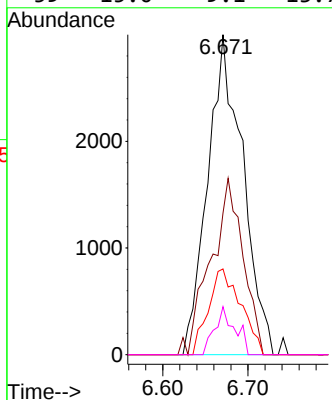


#22
Diisopropyl ether
Concen: 1.383 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20240909

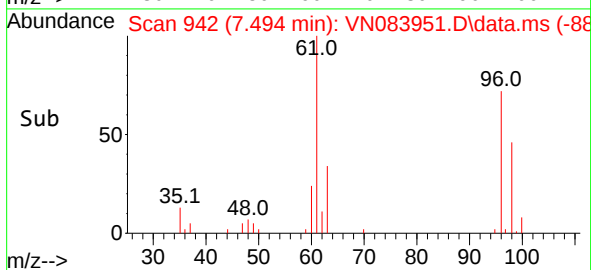
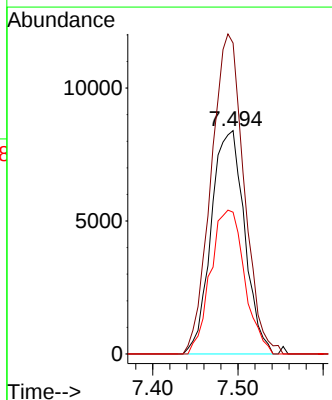
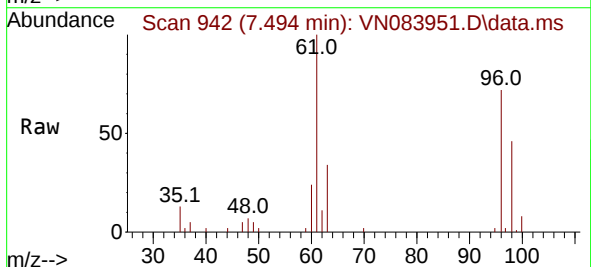


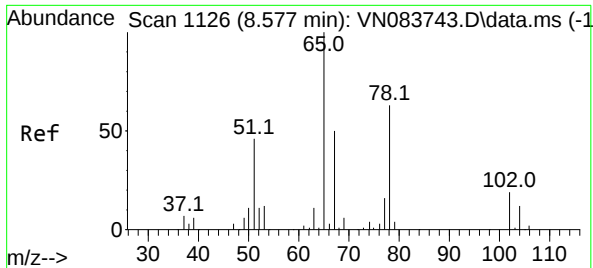
Tgt Ion:	45	Resp:	8568
Ion	Ratio	Lower	Upper
45	100		
43	44.2	43.4	65.0
87	26.8	22.6	33.8
59	15.0	9.1	13.7



#27
cis-1,2-Dichloroethene
Concen: 10.622 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Tgt Ion:	96	Resp:	22818
Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	306.2
98	65.7	0.0	128.6

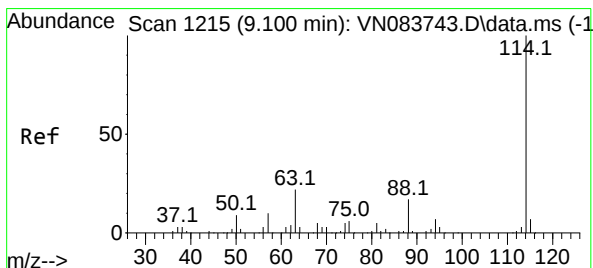
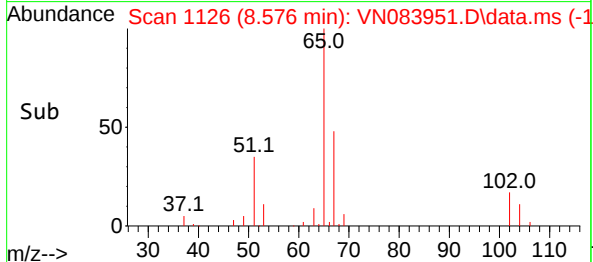
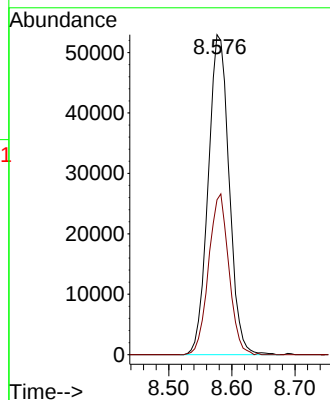
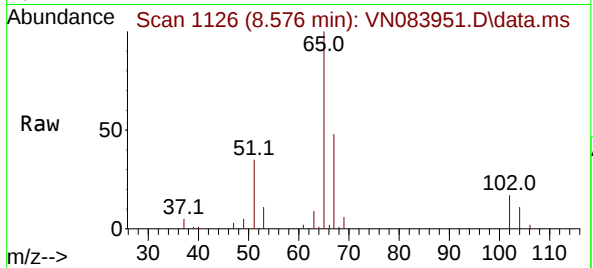




#33
 1,2-Dichloroethane-d4
 Concen: 51.818 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083951.D
 Acq: 17 Sep 2024 17:29

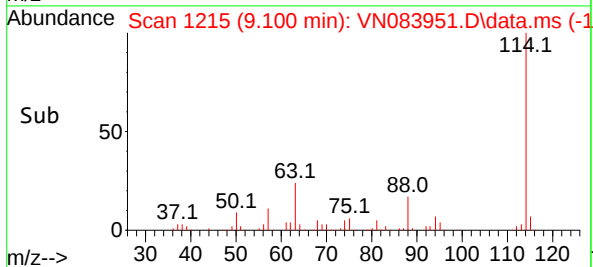
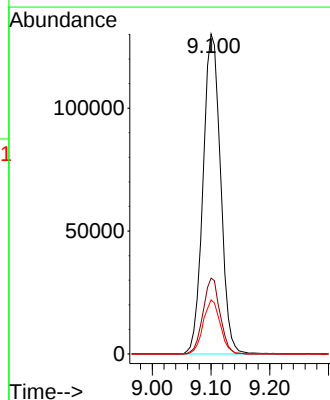
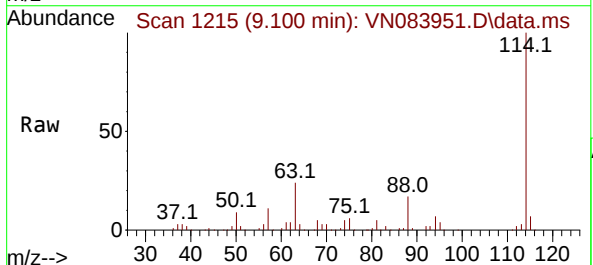
Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D1-20240909

Tgt Ion: 65 Resp: 121985
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083951.D
 Acq: 17 Sep 2024 17:29

Tgt Ion: 114 Resp: 268548
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 43.4
 88 16.9 0.0 32.6

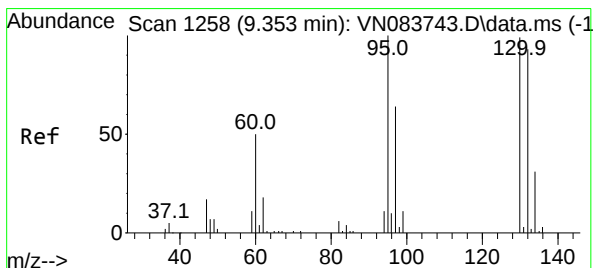
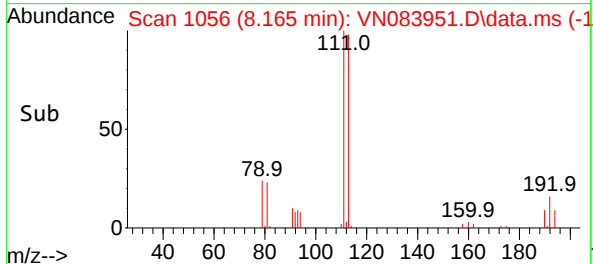
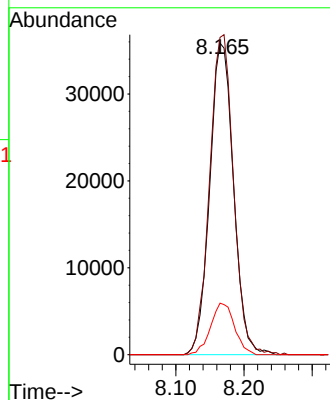
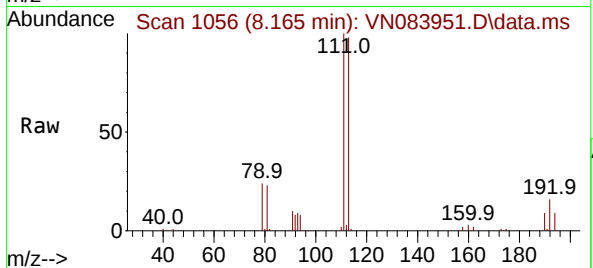




#35
Dibromofluoromethane
Concen: 50.660 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

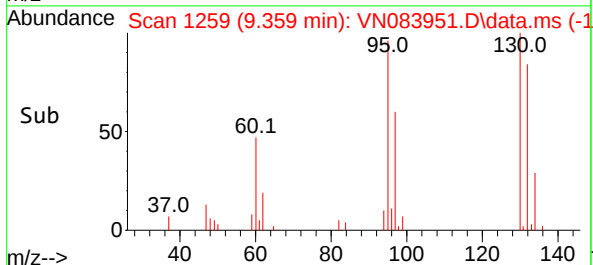
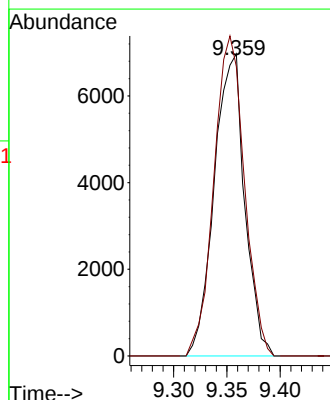
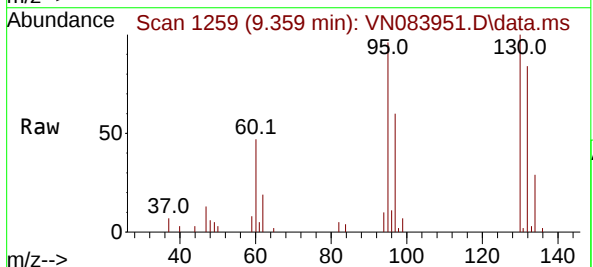
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ClientSampleId :
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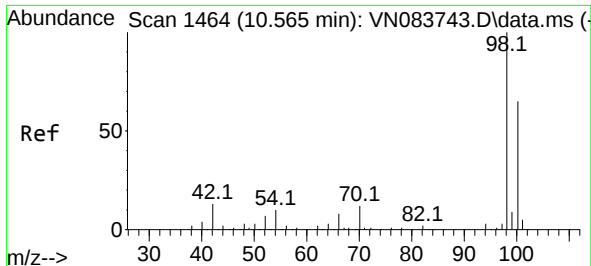
Tgt Ion:113 Resp: 87096
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 16.6 14.3 21.5



#44
Trichloroethene
Concen: 7.660 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Tgt Ion:130 Resp: 13815
Ion Ratio Lower Upper
130 100
95 95.8 0.0 200.4

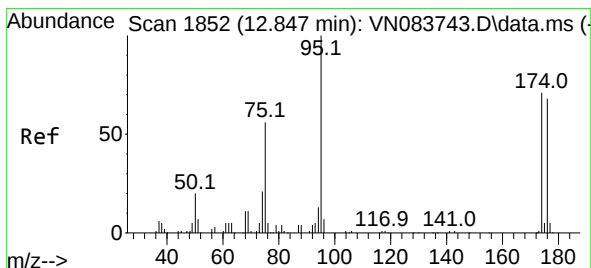
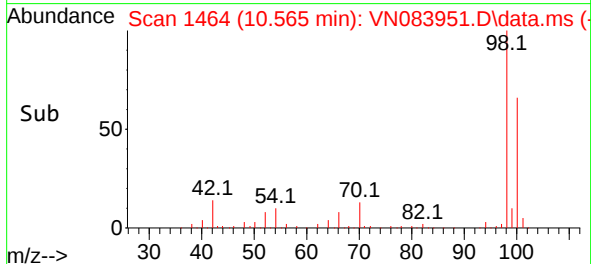
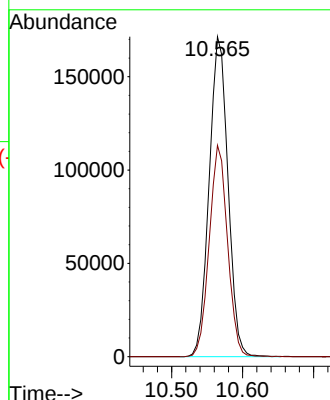
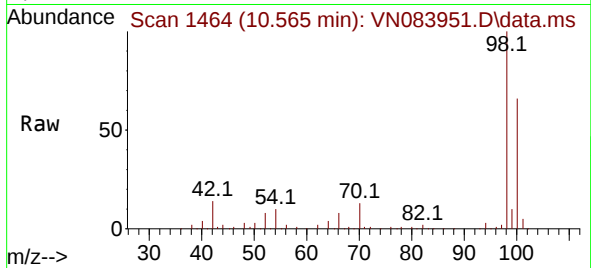




#50
Toluene-d8
Concen: 53.028 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

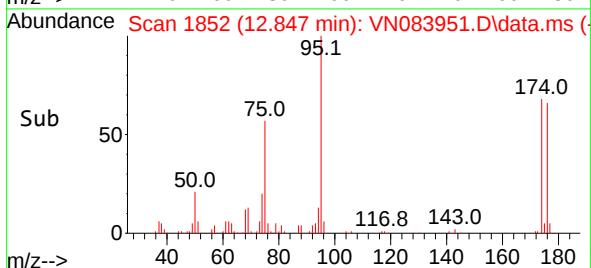
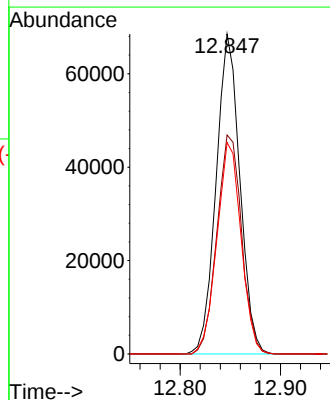
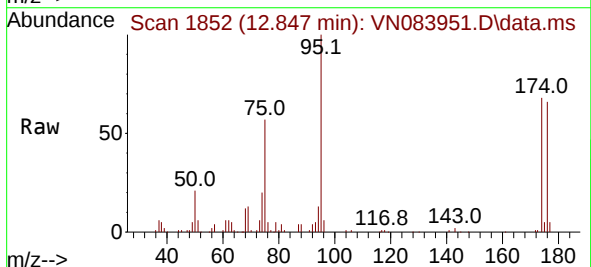
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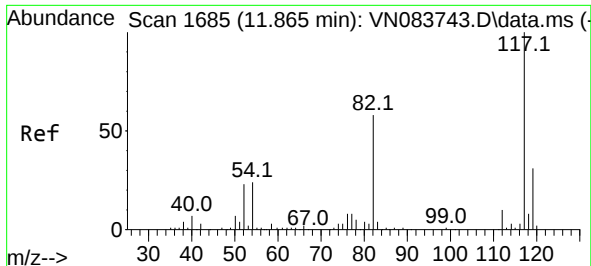
Tgt Ion: 98 Resp: 315169
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.855 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Tgt Ion: 95 Resp: 112441
Ion Ratio Lower Upper
95 100
174 71.1 0.0 139.8
176 67.3 0.0 131.4

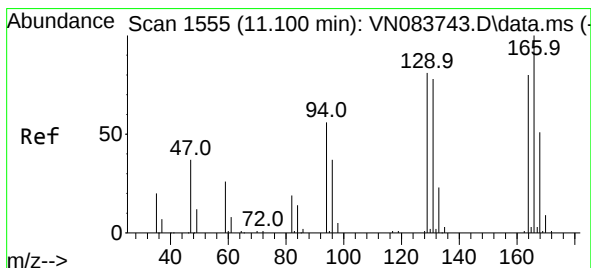
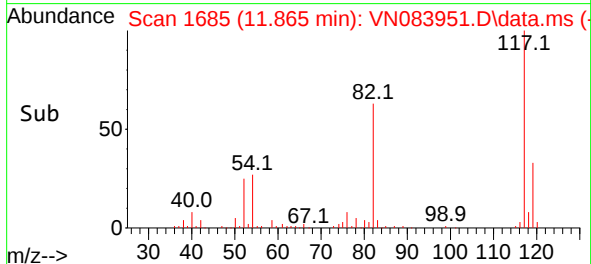
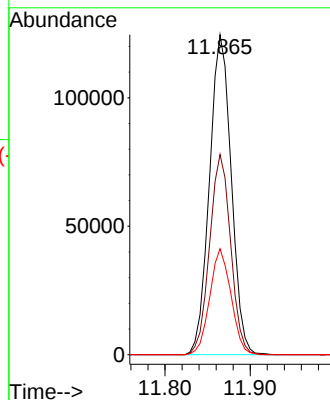
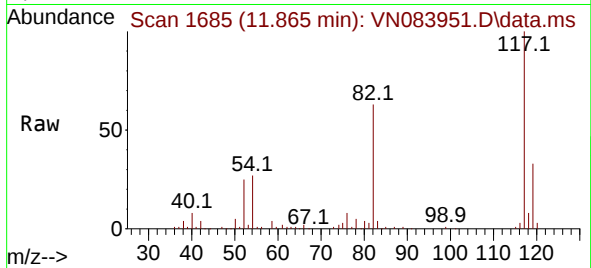




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

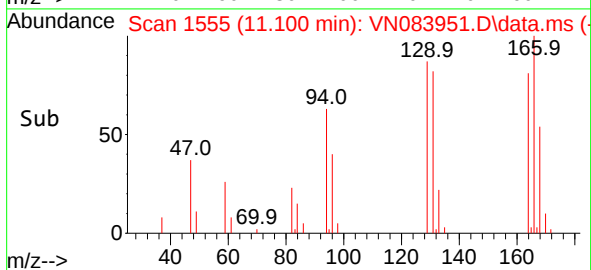
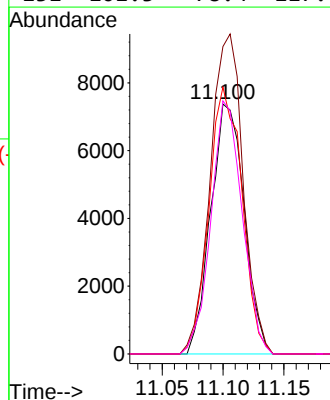
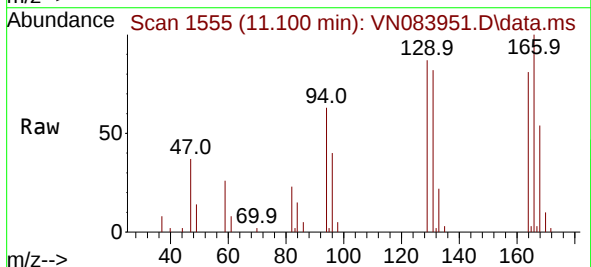
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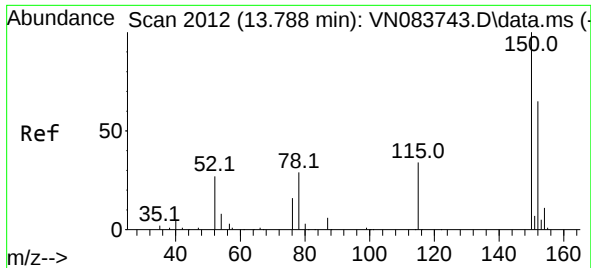
Tgt Ion:117 Resp: 221733
Ion Ratio Lower Upper
117 100
82 62.5 47.4 71.0
119 33.1 26.3 39.5



#64
Tetrachloroethene
Concen: 9.517 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Tgt Ion:164 Resp: 14034
Ion Ratio Lower Upper
164 100
166 123.0 103.7 155.5
129 106.7 79.9 119.9
131 101.3 78.4 117.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN083951.D

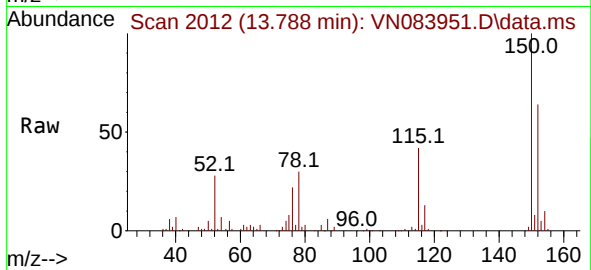
Acq: 17 Sep 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

MW202D1-20240909



Tgt Ion:152 Resp: 90144

Ion Ratio Lower Upper

152 100

115 64.9 32.2 96.6

150 158.9 0.0 348.6

