

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083941.D
 Acq On : 17 Sep 2024 13:30
 Operator : JC\MD
 Sample : P3957-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D1-20240909

Quant Time: Sep 18 01:47:52 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)

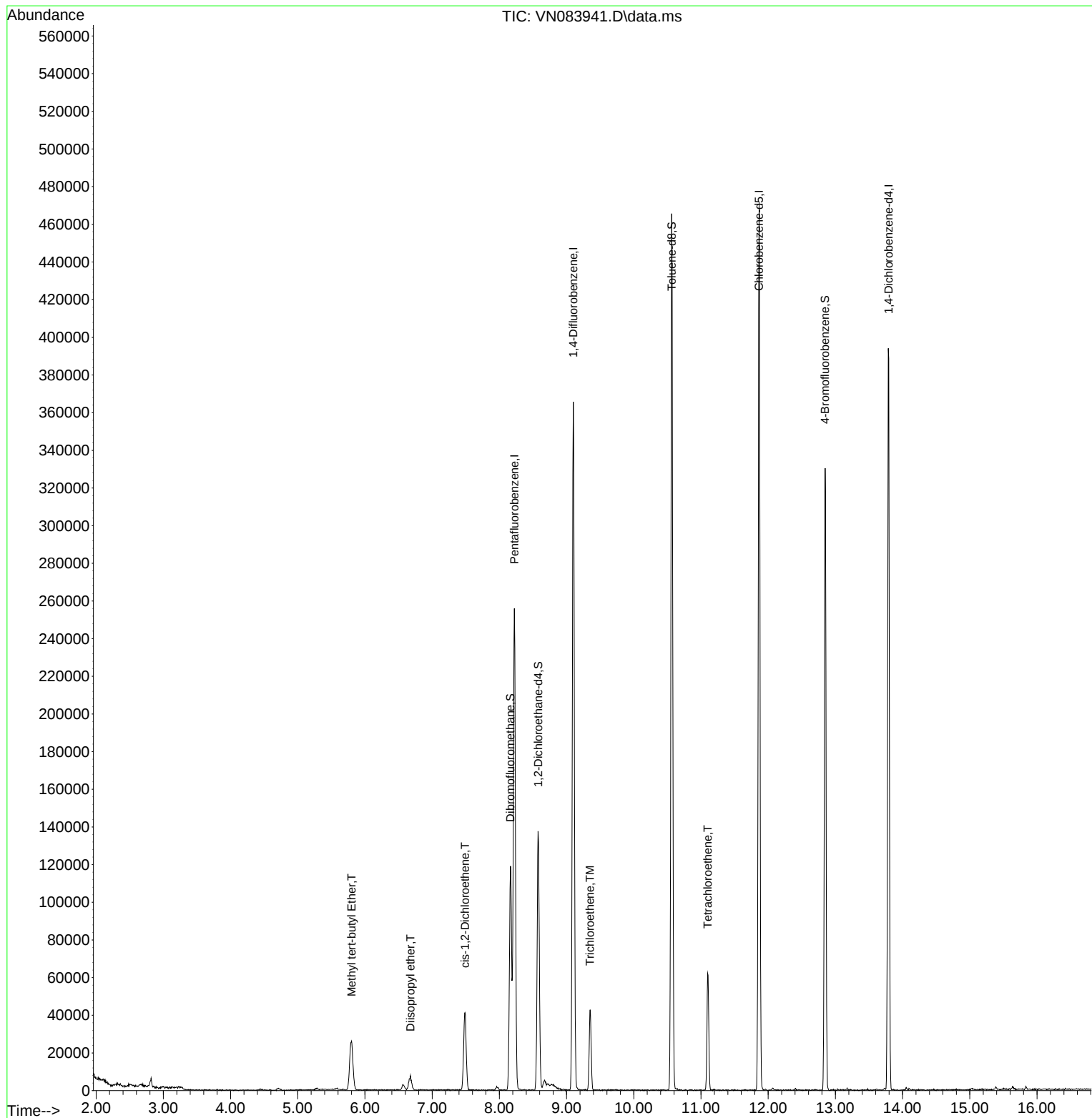
Internal Standards						
1) Pentafluorobenzene	8.224	168	173353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117712	45.033	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.060%
35) Dibromofluoromethane	8.165	113	83452	43.433	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.860%
50) Toluene-d8	10.565	98	306667	46.169	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.340%
62) 4-Bromofluorobenzene	12.847	95	112828	41.171	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	82.340%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.800	73	42071	6.201	ug/l	95
22) Diisopropyl ether	6.677	45	8588	1.249	ug/l #	94
27) cis-1,2-Dichloroethene	7.488	96	24554	10.294	ug/l	90
44) Trichloroethene	9.347	130	14581	7.234	ug/l	90
64) Tetrachloroethene	11.100	164	13672	8.169	ug/l	95

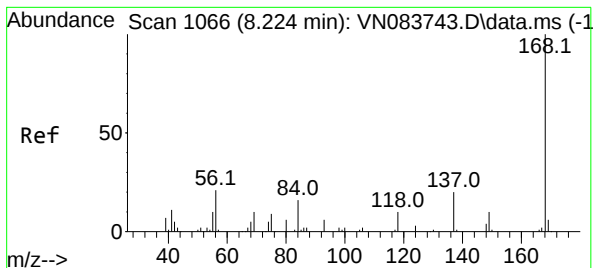
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

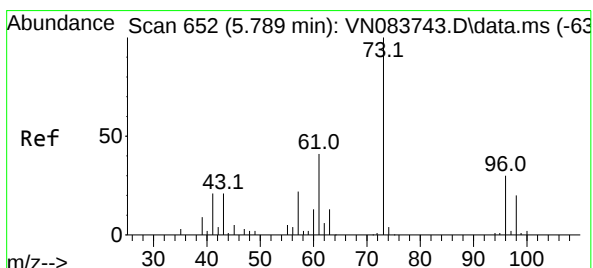
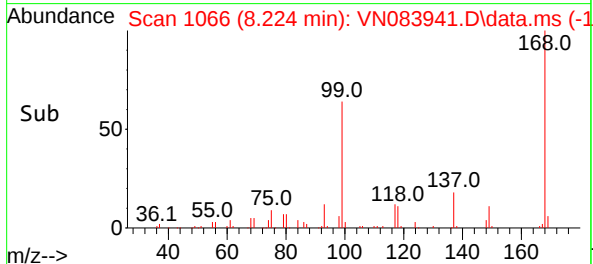
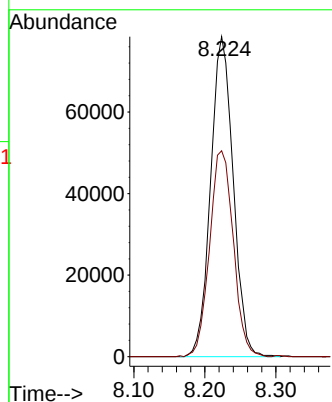
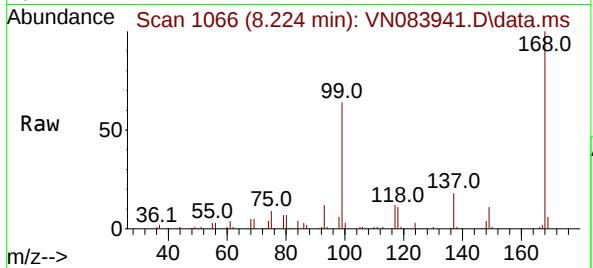




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083941.D
Acq: 17 Sep 2024 13:30

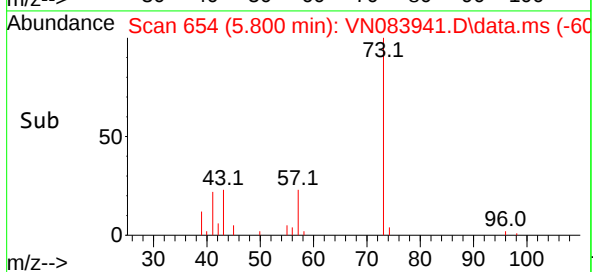
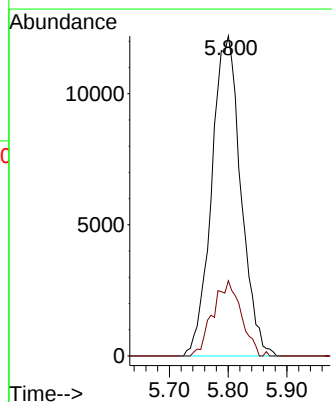
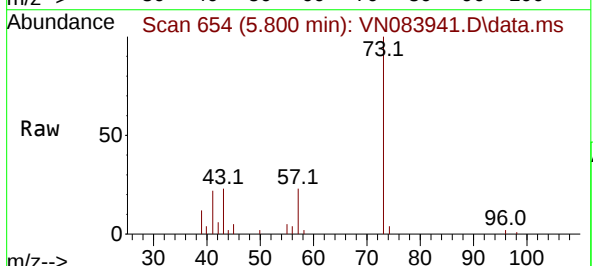
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20240909

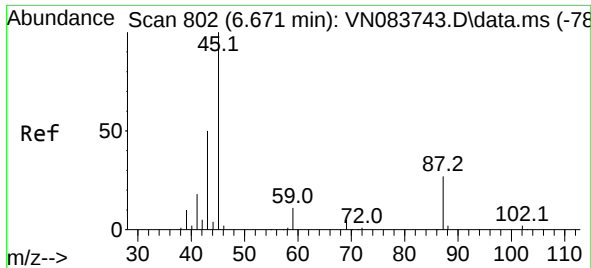
Tgt Ion:168 Resp: 173353
Ion Ratio Lower Upper
168 100
99 64.0 54.2 81.2



#19
Methyl tert-butyl Ether
Concen: 6.201 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.012 min
Lab File: VN083941.D
Acq: 17 Sep 2024 13:30

Tgt Ion: 73 Resp: 42071
Ion Ratio Lower Upper
73 100
57 23.5 17.0 25.6

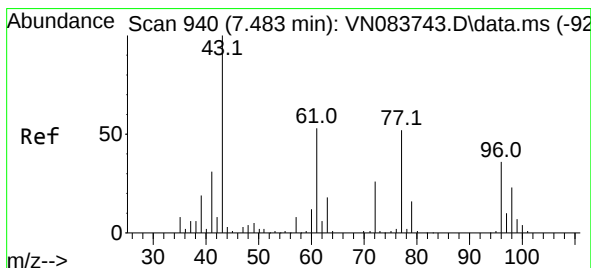
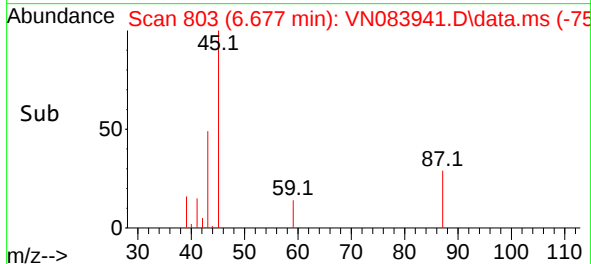
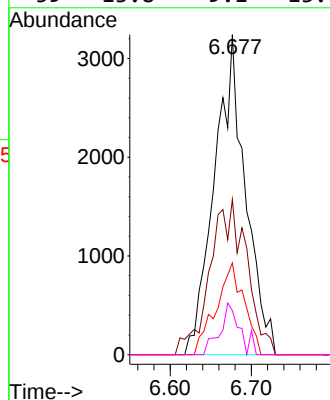
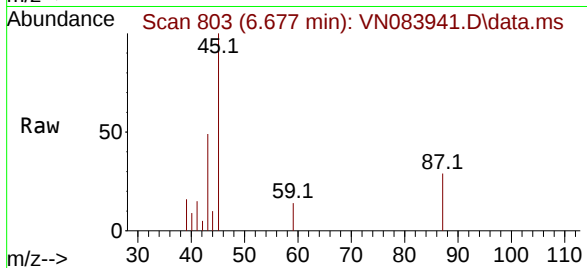




#22
Diisopropyl ether
Concen: 1.249 ug/l
RT: 6.677 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN083941.D
Acq: 17 Sep 2024 13:30

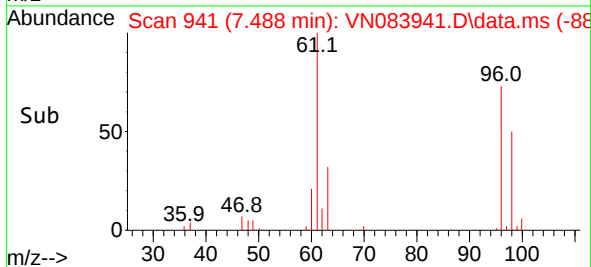
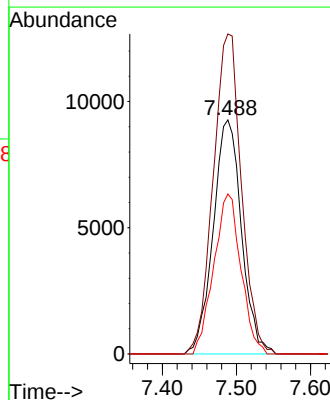
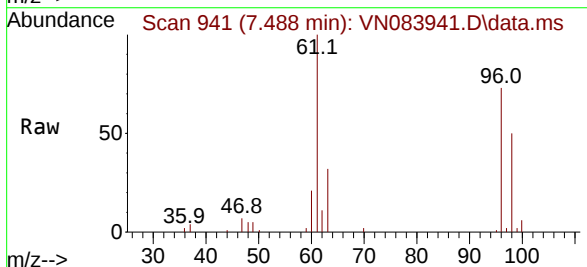
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20240909

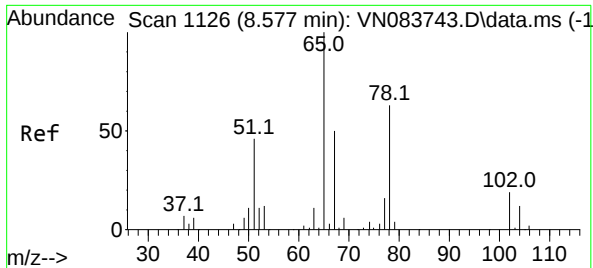
Tgt Ion:	45	Resp:	8588
Ion	Ratio	Lower	Upper
45	100		
43	48.5	43.4	65.0
87	28.7	22.6	33.8
59	13.8	9.1	13.7



#27
cis-1,2-Dichloroethene
Concen: 10.294 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083941.D
Acq: 17 Sep 2024 13:30

Tgt Ion:	96	Resp:	24554
Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	306.2
98	65.7	0.0	128.6

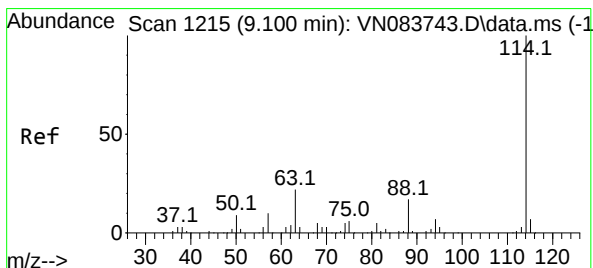
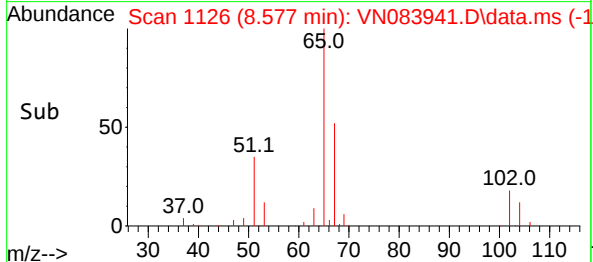
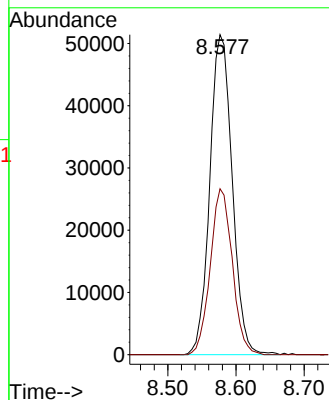
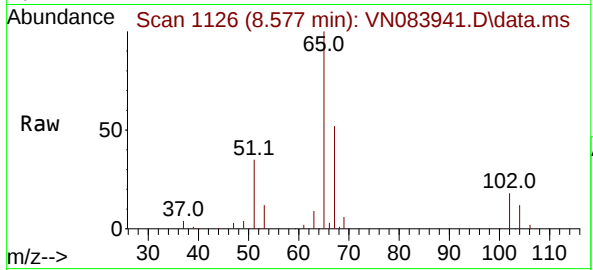




#33
 1,2-Dichloroethane-d4
 Concen: 45.033 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083941.D
 Acq: 17 Sep 2024 13:30

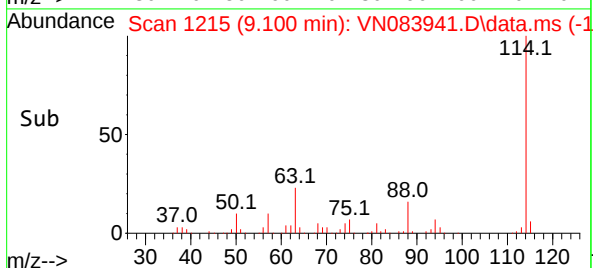
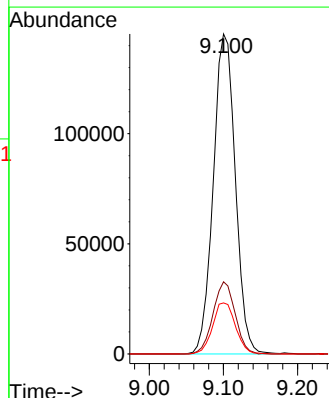
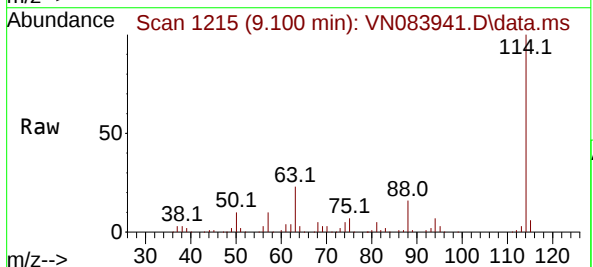
Instrument :
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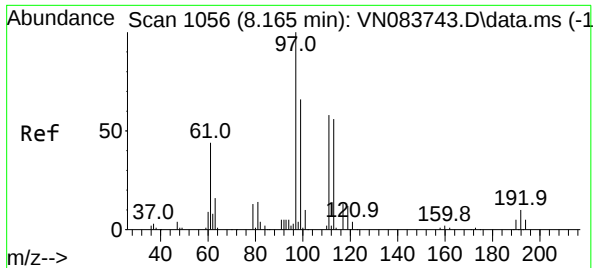
Tgt Ion: 65 Resp: 117712
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083941.D
 Acq: 17 Sep 2024 13:30

Tgt Ion: 114 Resp: 300128
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 15.9 0.0 32.6

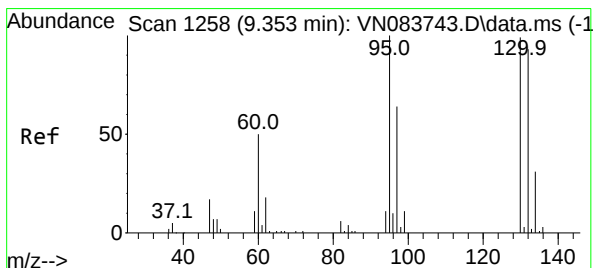
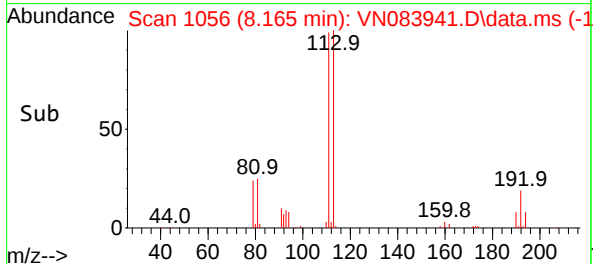
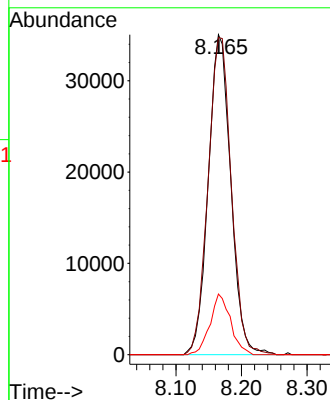
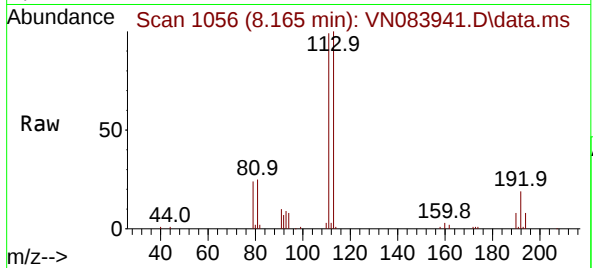




#35
Dibromofluoromethane
Concen: 43.433 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083941.D
Acq: 17 Sep 2024 13:30

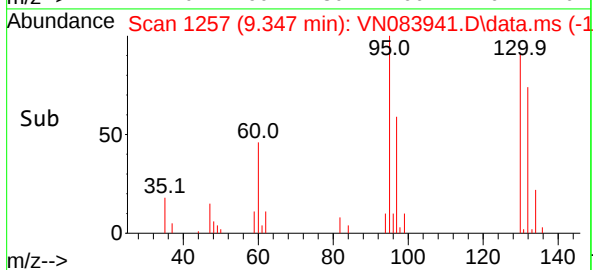
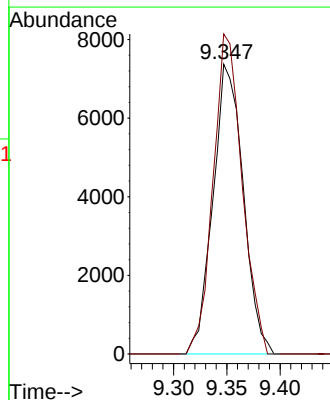
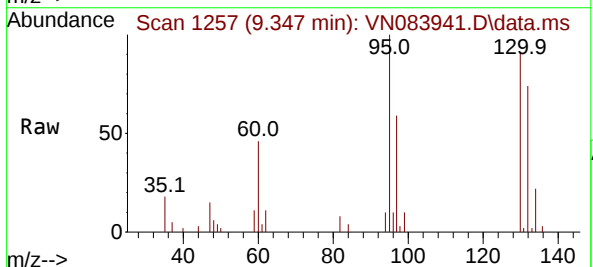
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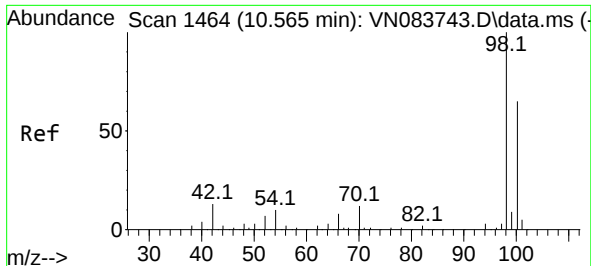
Tgt Ion:113 Resp: 83452
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 17.4 14.3 21.5



#44
Trichloroethene
Concen: 7.234 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083941.D
Acq: 17 Sep 2024 13:30

Tgt Ion:130 Resp: 14581
Ion Ratio Lower Upper
130 100
95 110.4 0.0 200.4

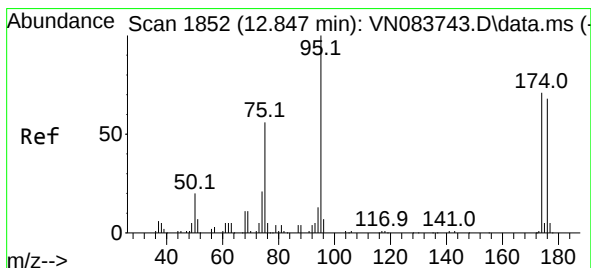
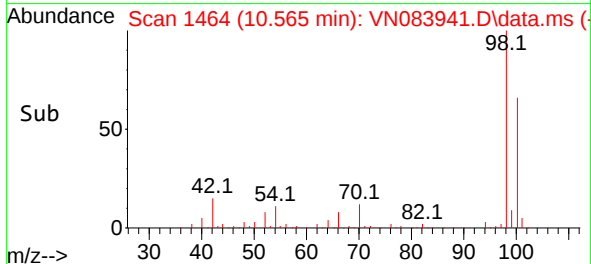
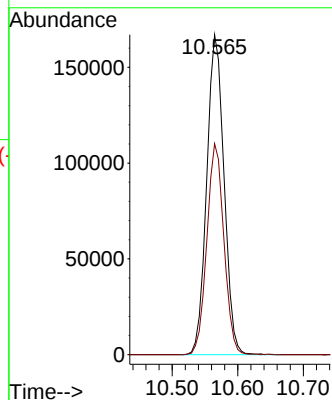
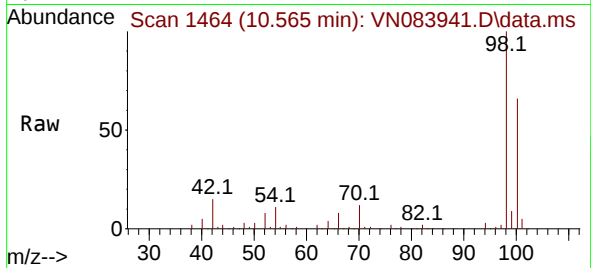




#50
Toluene-d8
Concen: 46.169 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083941.D
Acq: 17 Sep 2024 13:30

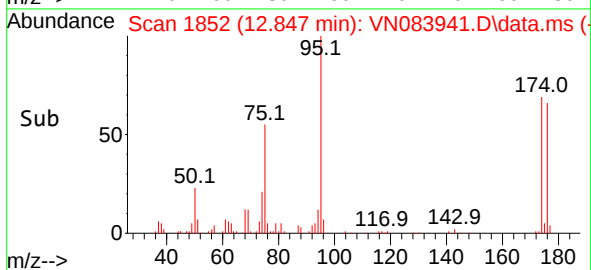
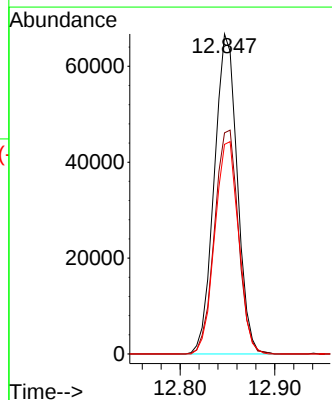
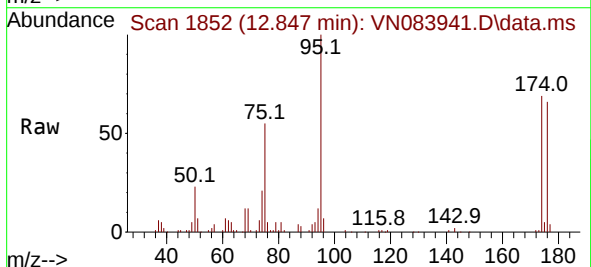
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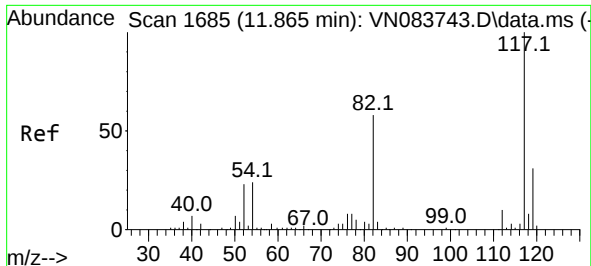
Tgt Ion: 98 Resp: 306667
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.171 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083941.D
Acq: 17 Sep 2024 13:30

Tgt Ion: 95 Resp: 112828
Ion Ratio Lower Upper
95 100
174 72.5 0.0 139.8
176 68.6 0.0 131.4

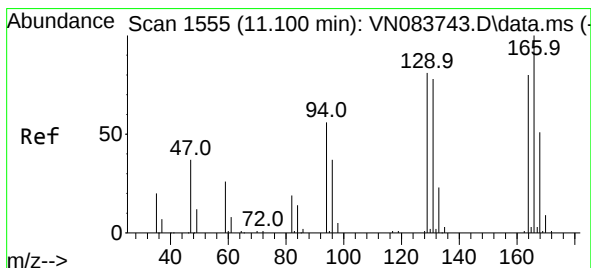
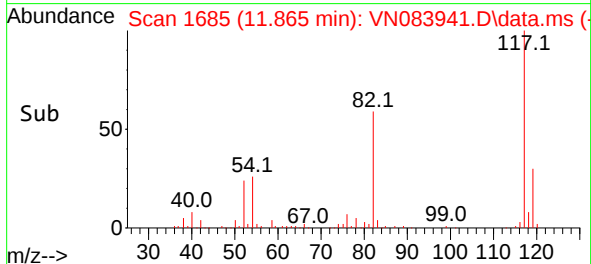
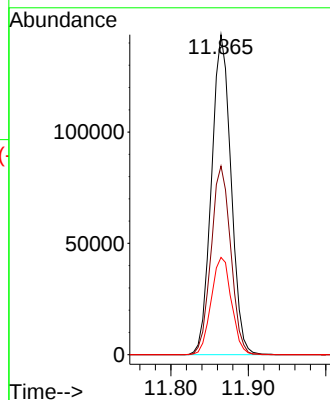
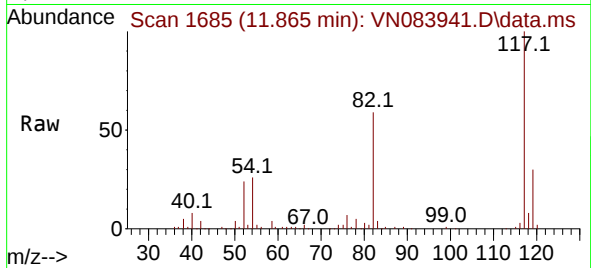




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083941.D
Acq: 17 Sep 2024 13:30

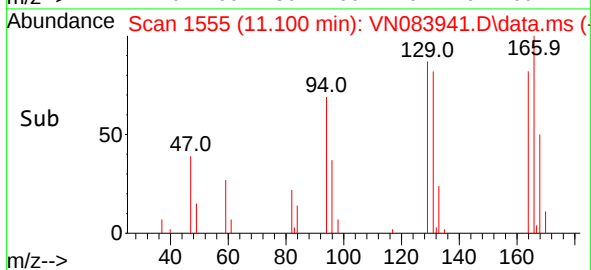
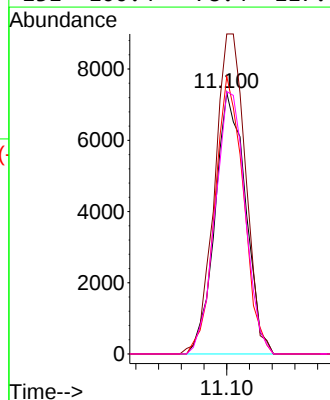
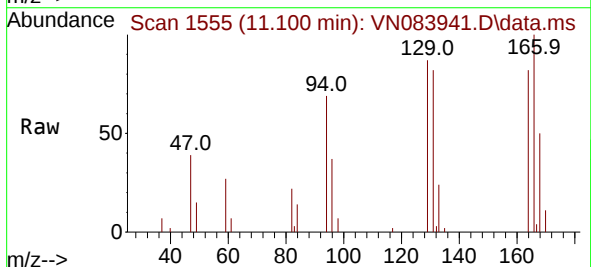
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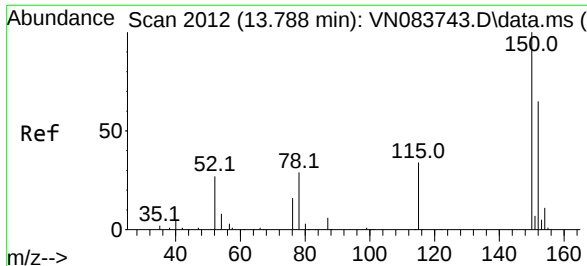
Tgt Ion:117 Resp: 251668
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.0
119 30.4 26.3 39.5



#64
Tetrachloroethene
Concen: 8.169 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083941.D
Acq: 17 Sep 2024 13:30

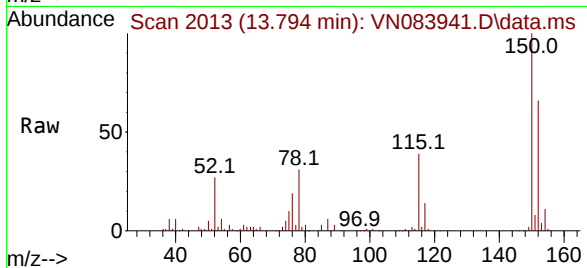
Tgt Ion:164 Resp: 13672
Ion Ratio Lower Upper
164 100
166 122.4 103.7 155.5
129 106.2 79.9 119.9
131 100.4 78.4 117.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN083941.D
 Acq: 17 Sep 2024 13:30

Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D1-20240909



Tgt Ion:152 Resp: 102172
 Ion Ratio Lower Upper
 152 100
 115 62.0 32.2 96.6
 150 155.7 0.0 348.6

