

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083736.D
 Acq On : 09 Sep 2024 23:00
 Operator : JC\MD
 Sample : P3872-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-W-07-202409

Quant Time: Sep 10 02:20:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

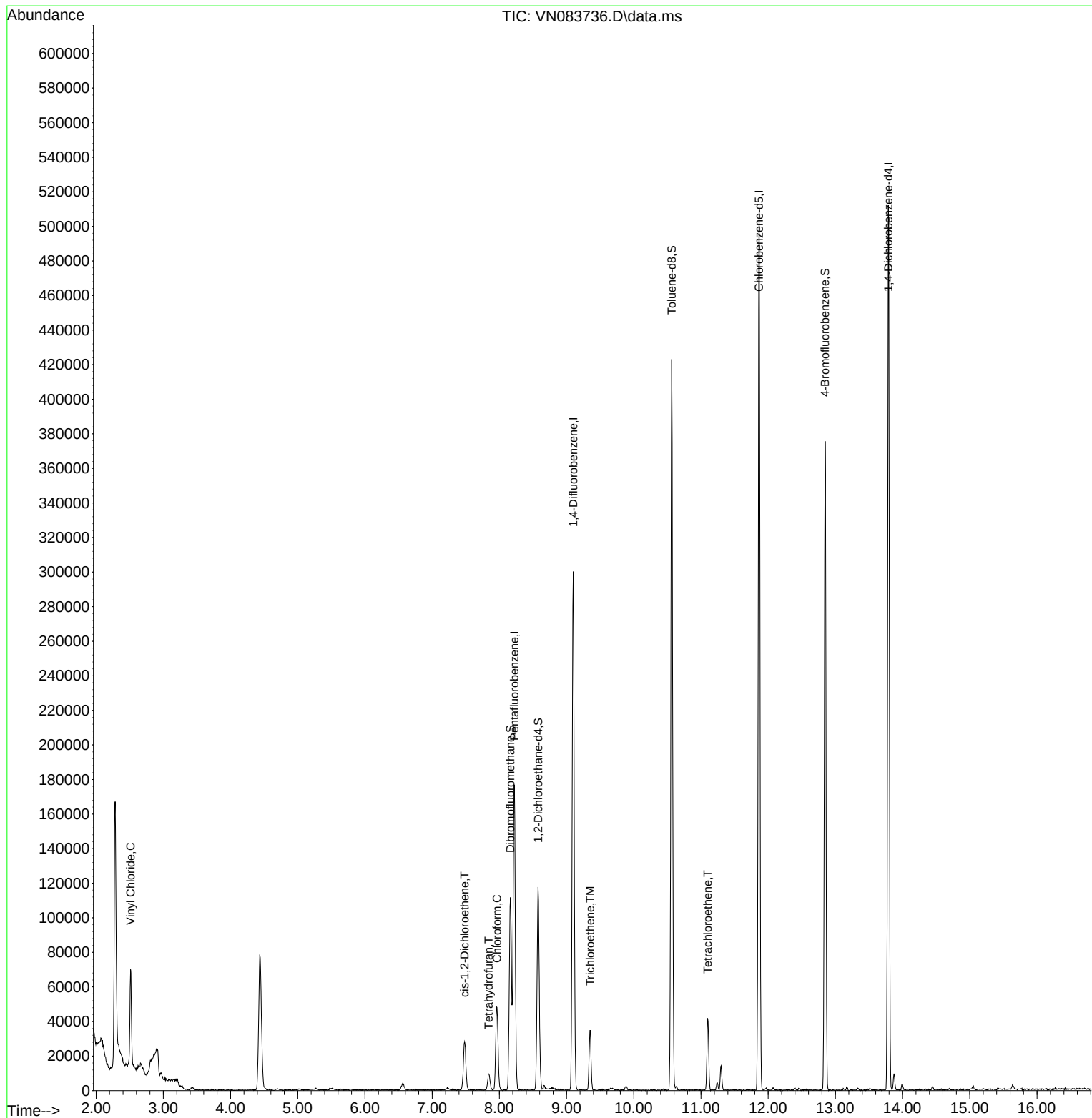
Internal Standards						
1) Pentafluorobenzene	8.224	168	122370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	95906	56.078	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.160%	
35) Dibromofluoromethane	8.165	113	78447	52.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.180%	
50) Toluene-d8	10.565	98	277400	47.308	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.620%	
62) 4-Bromofluorobenzene	12.847	95	129579	59.642	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 119.280%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.512	62	52326	34.656	ug/l	95
27) cis-1,2-Dichloroethene	7.482	96	16076	9.648	ug/l	90
29) Tetrahydrofuran	7.841	42	7516	13.049	ug/l	96
30) Chloroform	7.965	83	46705	16.494	ug/l	96
44) Trichloroethene	9.353	130	12380	7.283	ug/l	98
64) Tetrachloroethene	11.100	164	9178	5.106	ug/l #	91

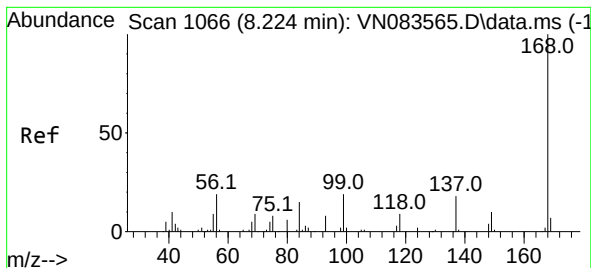
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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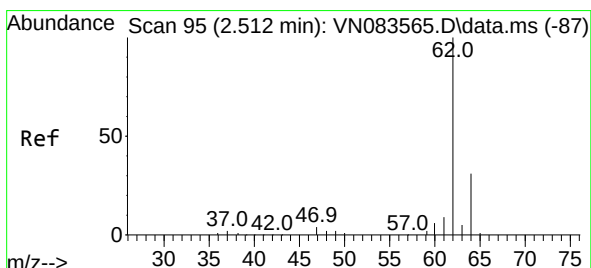
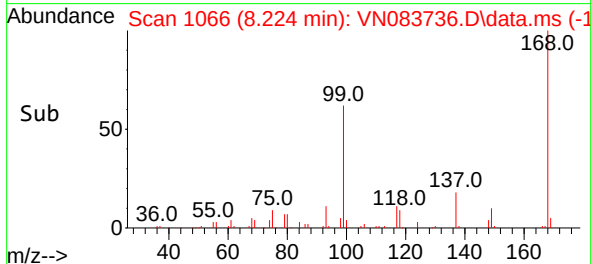
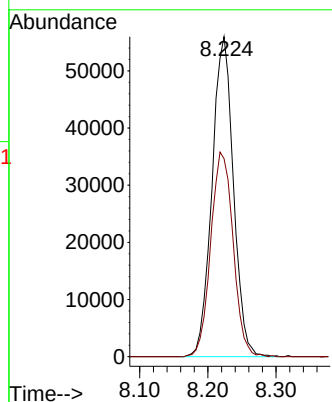
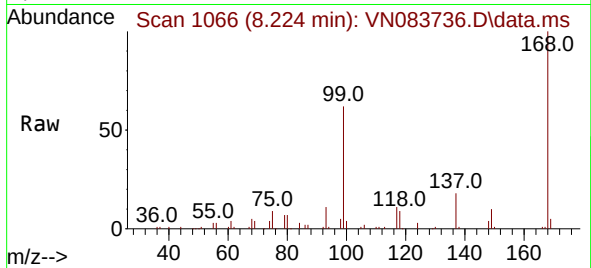




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083736.D
Acq: 09 Sep 2024 23:00

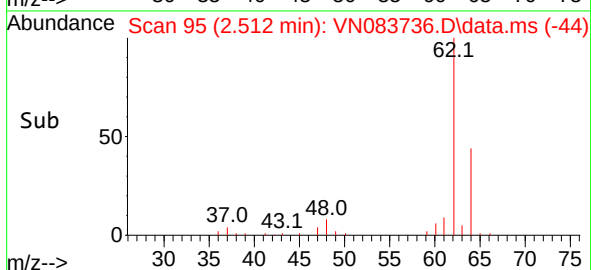
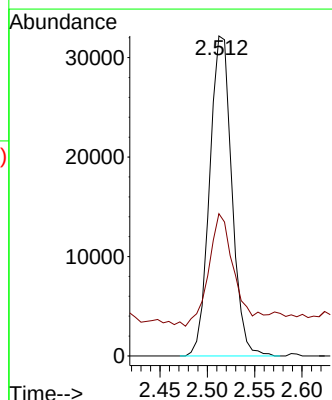
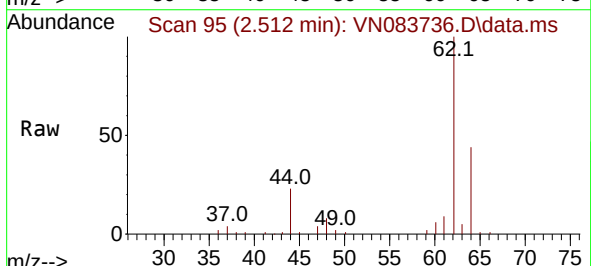
Instrument :
MSVOA_N
ClientSampleId :
WC-W-07-202409

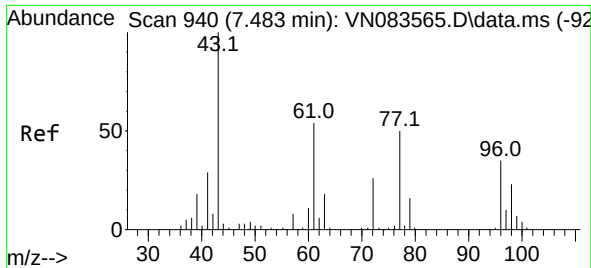
Tgt Ion:168 Resp: 122370
Ion Ratio Lower Upper
168 100
99 61.9 54.2 81.2



#4
Vinyl Chloride
Concen: 34.656 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083736.D
Acq: 09 Sep 2024 23:00

Tgt Ion: 62 Resp: 52326
Ion Ratio Lower Upper
62 100
64 33.8 24.7 37.1

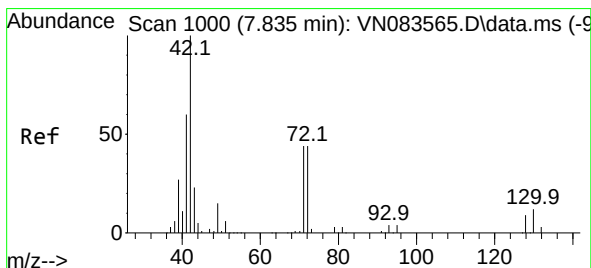
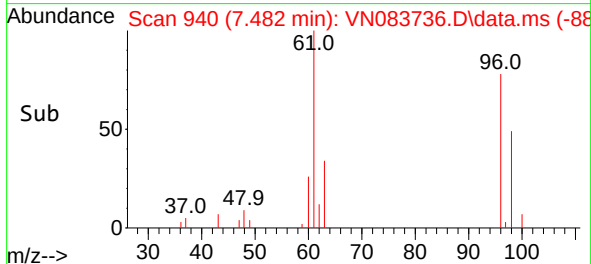
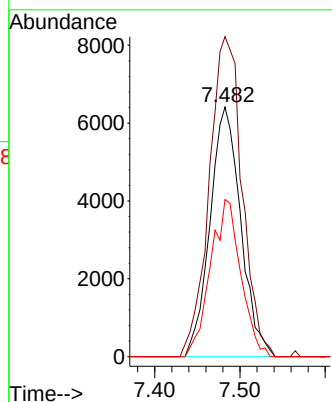
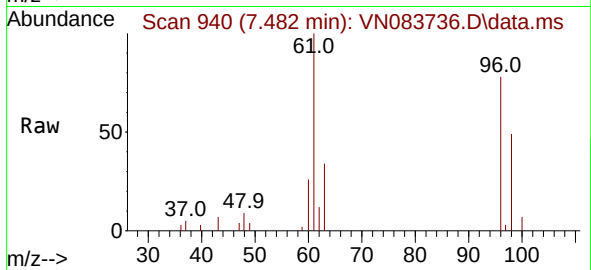




#27
 cis-1,2-Dichloroethene
 Concen: 9.648 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083736.D
 Acq: 09 Sep 2024 23:00

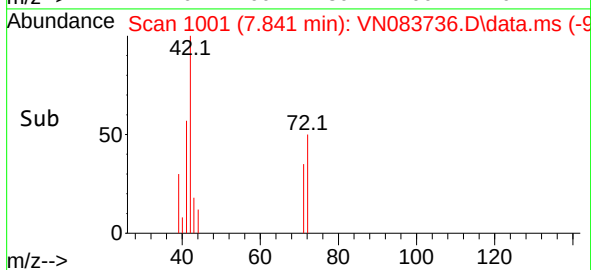
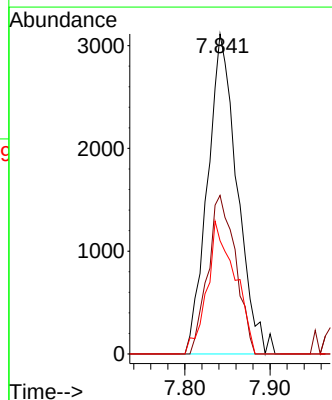
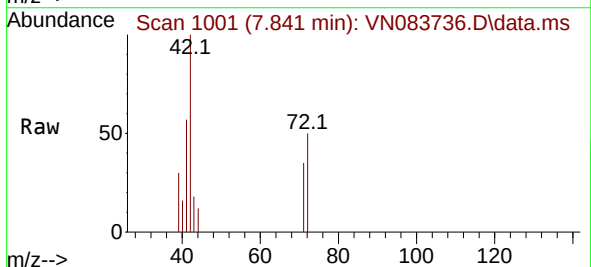
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-W-07-202409

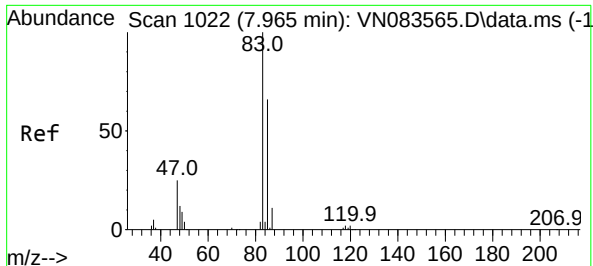
Tgt Ion:	96	Resp:	16076
Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	306.2
98	61.8	0.0	128.6



#29
 Tetrahydrofuran
 Concen: 13.049 ug/l
 RT: 7.841 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN083736.D
 Acq: 09 Sep 2024 23:00

Tgt Ion:	42	Resp:	7516
Ion	Ratio	Lower	Upper
42	100		
72	46.2	35.9	53.9
71	38.8	33.9	50.9

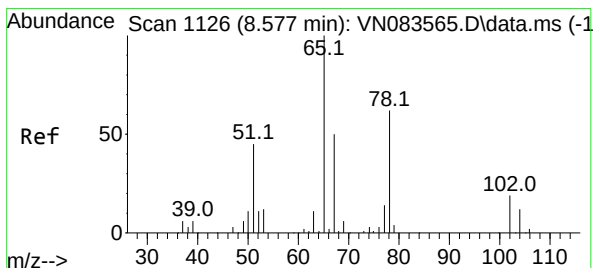
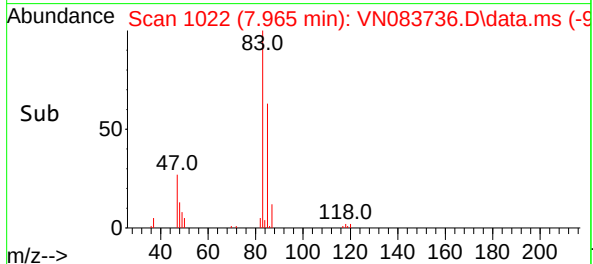
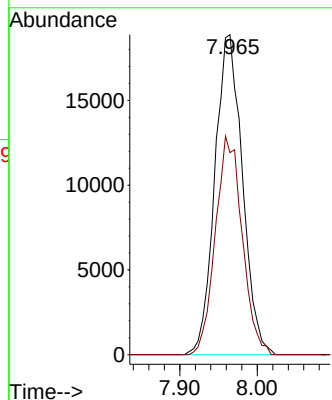
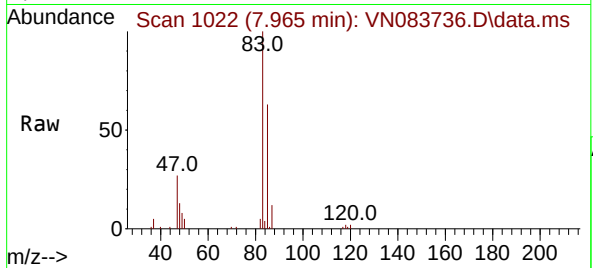




#30
Chloroform
Concen: 16.494 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083736.D
Acq: 09 Sep 2024 23:00

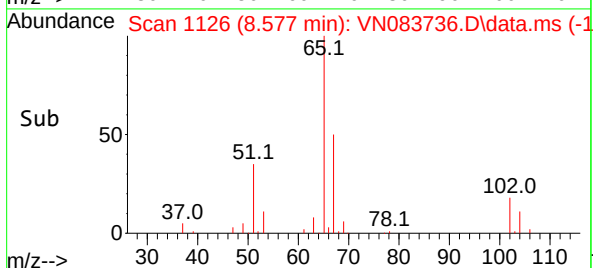
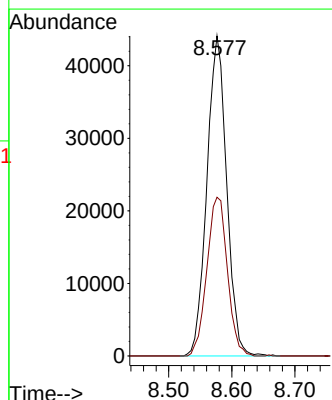
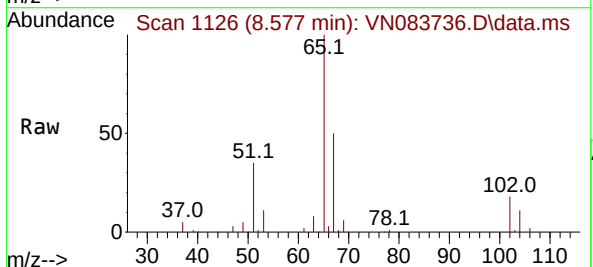
Instrument :
MSVOA_N
ClientSampleId :
WC-W-07-202409

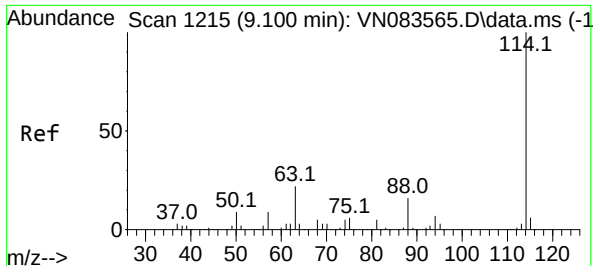
Tgt Ion: 83 Resp: 46705
Ion Ratio Lower Upper
83 100
85 63.1 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 56.078 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083736.D
Acq: 09 Sep 2024 23:00

Tgt Ion: 65 Resp: 95906
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083736.D

Acq: 09 Sep 2024 23:00

Instrument :

MSVOA_N

ClientSampleId :

WC-W-07-202409

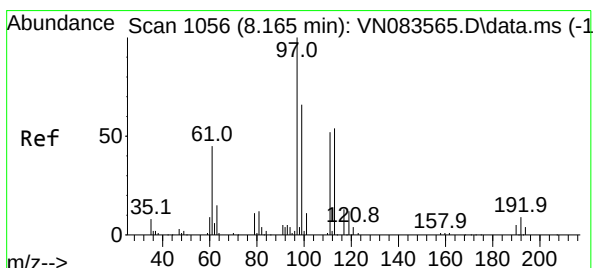
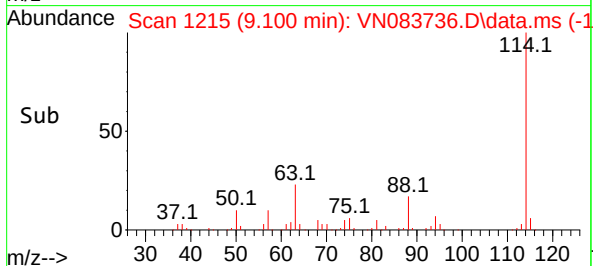
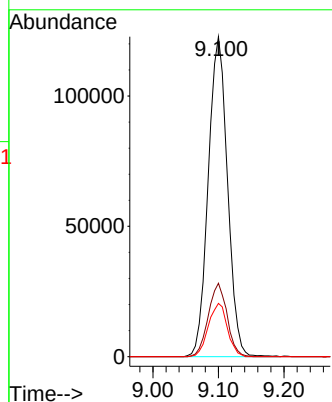
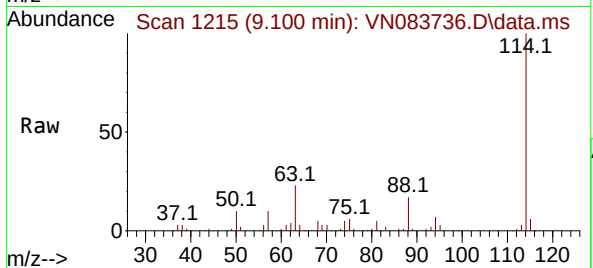
Tgt Ion:114 Resp: 250227

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.088 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083736.D

Acq: 09 Sep 2024 23:00

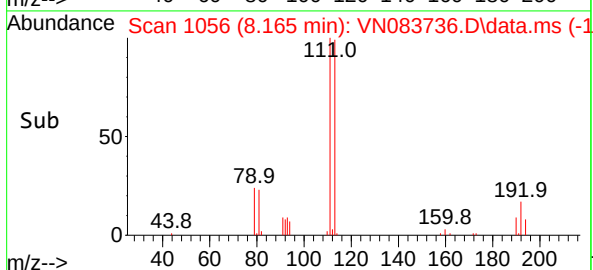
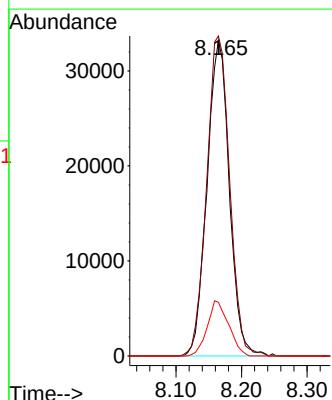
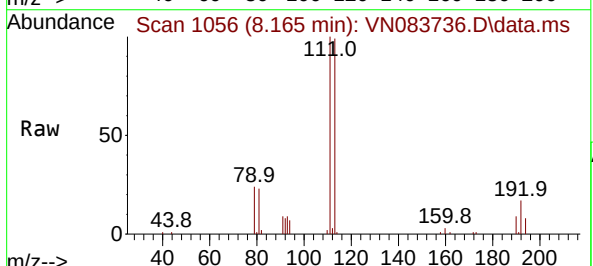
Tgt Ion:113 Resp: 78447

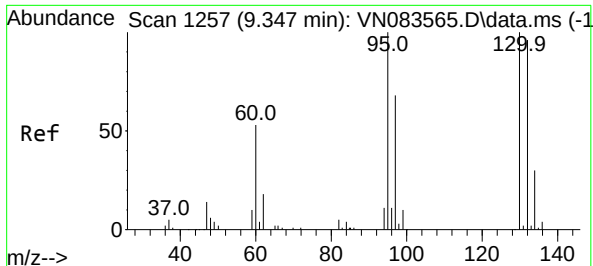
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 16.8 14.3 21.5

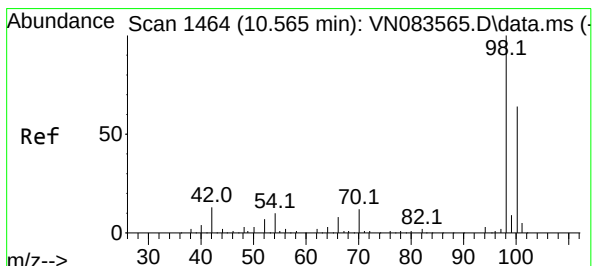
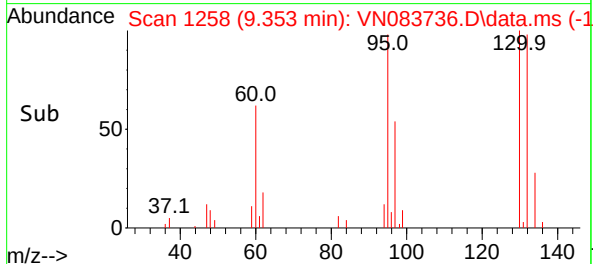
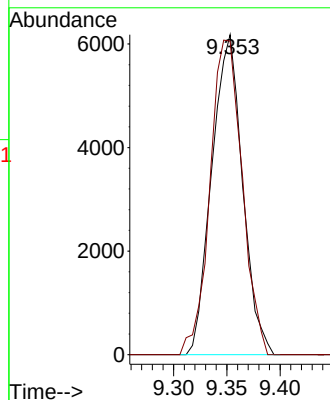
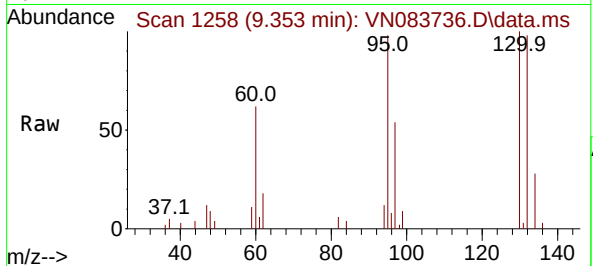




#44
 Trichloroethene
 Concen: 7.283 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.006 min
 Lab File: VN083736.D
 Acq: 09 Sep 2024 23:00

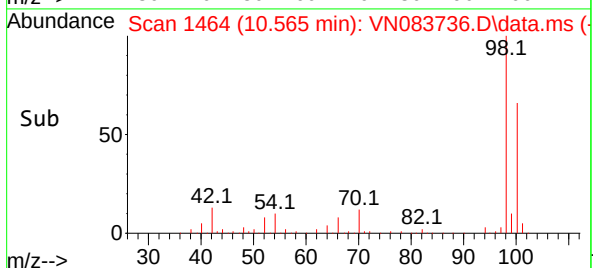
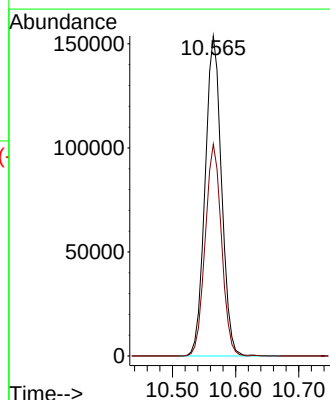
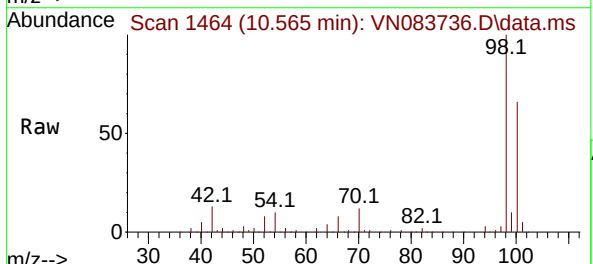
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 WC-W-07-202409

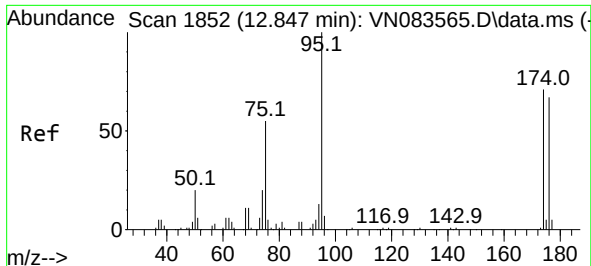
Tgt Ion:130 Resp: 12380
 Ion Ratio Lower Upper
 130 100
 95 98.0 0.0 200.4



#50
 Toluene-d8
 Concen: 47.308 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN083736.D
 Acq: 09 Sep 2024 23:00

Tgt Ion: 98 Resp: 277400
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.0 78.0

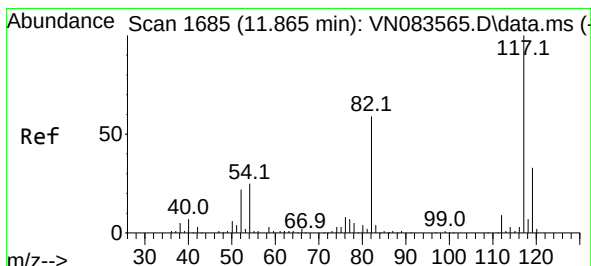
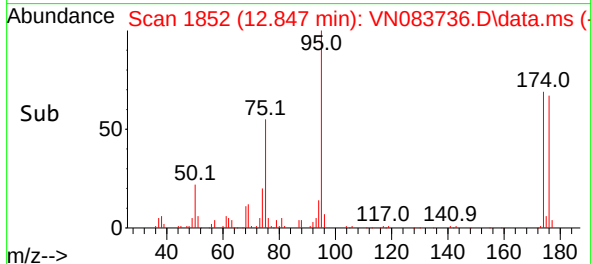
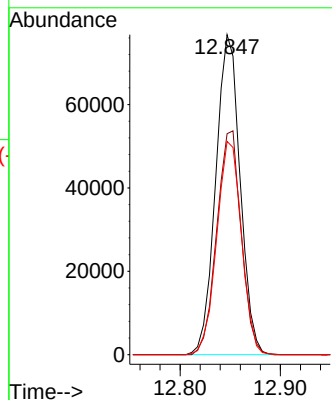
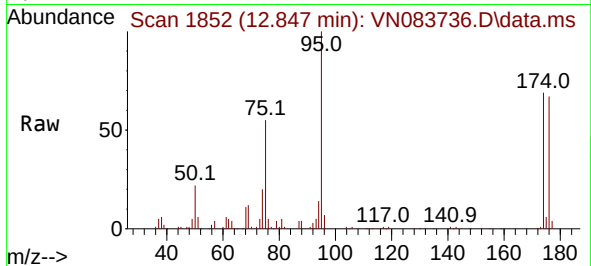




#62
4-Bromofluorobenzene
Concen: 59.642 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083736.D
Acq: 09 Sep 2024 23:00

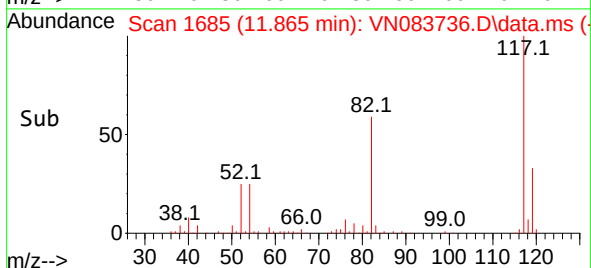
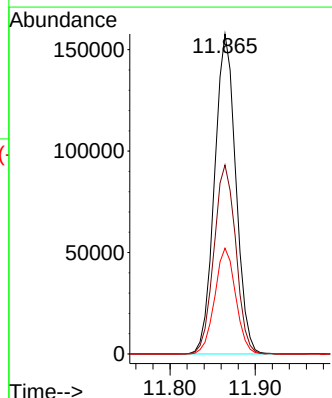
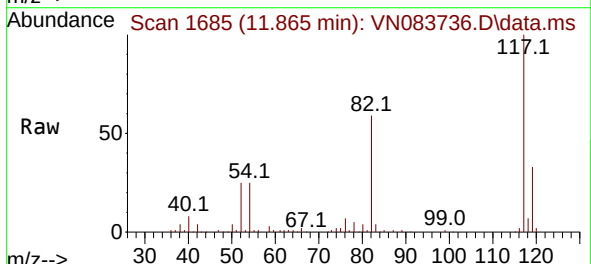
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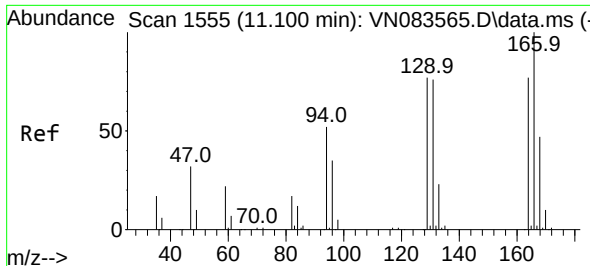
Tgt Ion: 95 Resp: 129579
Ion Ratio Lower Upper
95 100
174 70.3 0.0 139.8
176 67.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083736.D
Acq: 09 Sep 2024 23:00

Tgt Ion: 117 Resp: 273482
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.0
119 33.1 26.3 39.5

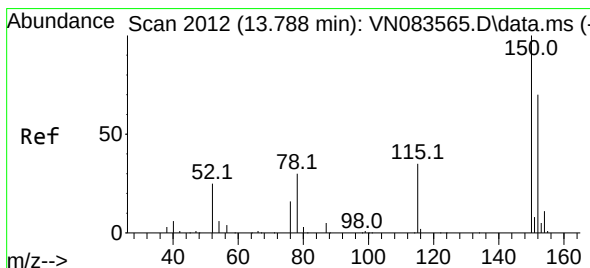
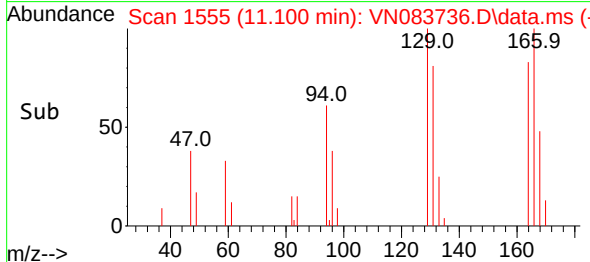
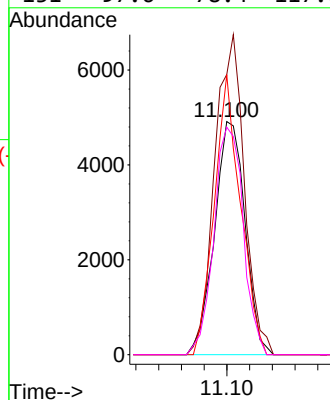
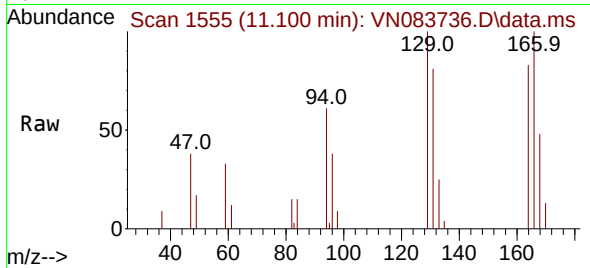




#64
Tetrachloroethene
Concen: 5.106 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083736.D
Acq: 09 Sep 2024 23:00

Instrument :
MSVOA_N
ClientSampleId :
WC-W-07-202409

Tgt Ion:164 Resp: 9178
Ion Ratio Lower Upper
164 100
166 120.2 103.7 155.5
129 120.2 79.9 119.9#
131 97.6 78.4 117.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083736.D
Acq: 09 Sep 2024 23:00

Tgt Ion:152 Resp: 131818
Ion Ratio Lower Upper
152 100
115 63.1 32.2 96.6
150 156.2 0.0 348.6

