

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083682.D
 Acq On : 05 Sep 2024 17:51
 Operator : JC\MD
 Sample : P3827-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A-13.5-090324

Quant Time: Sep 06 06:33:58 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	141961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149207	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109695	55.289	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.580%	
35) Dibromofluoromethane	8.165	113	87066	50.316	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.640%	
50) Toluene-d8	10.565	98	319701	47.450	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.900%	
62) 4-Bromofluorobenzene	12.847	95	149731	59.983	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 119.960%	

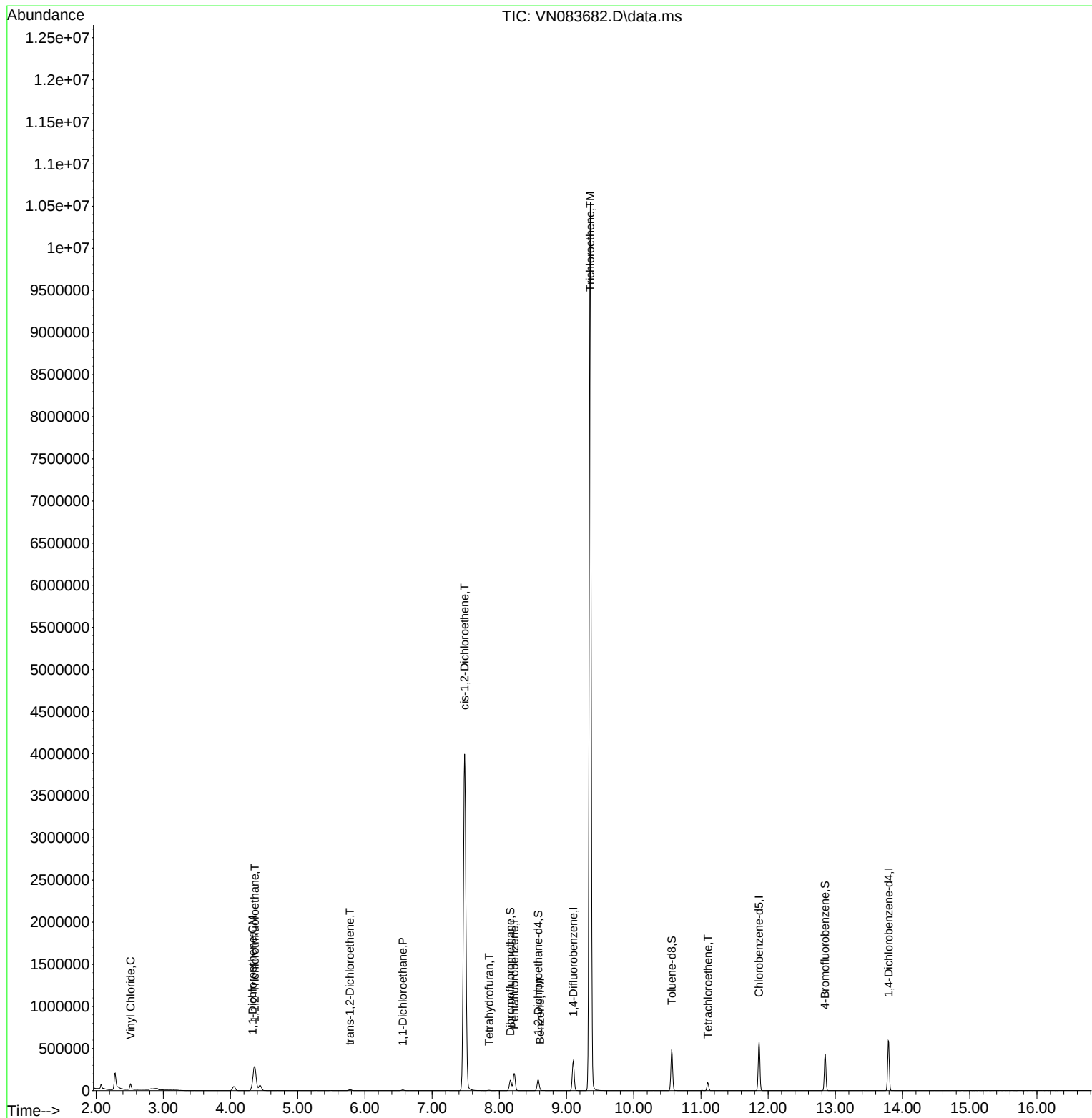
Target Compounds						Qvalue
4) Vinyl Chloride	2.512	62	58400	33.341	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.359	101	196632	125.697	ug/l	98
12) 1,1-Dichloroethene	4.330	96	10446	6.717	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	7622	4.705	ug/l #	78
24) 1,1-Dichloroethane	6.565	63	12147	3.896	ug/l #	92
27) cis-1,2-Dichloroethene	7.483	96	2361185	1221.459	ug/l	89
29) Tetrahydrofuran	7.847	42	3310	4.954	ug/l	97
40) Benzene	8.606	78	4936	0.608	ug/l	95
44) Trichloroethene	9.353	130	3571338	1828.496	ug/l	92
64) Tetrachloroethene	11.106	164	21203	10.181	ug/l	93

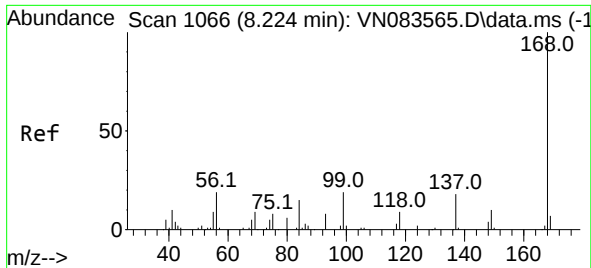
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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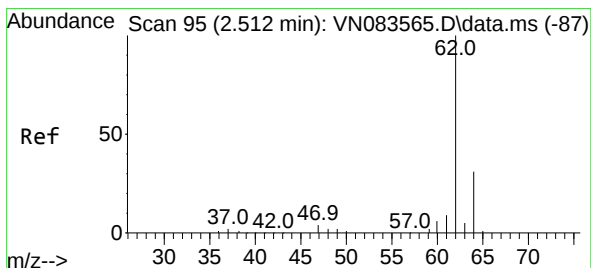
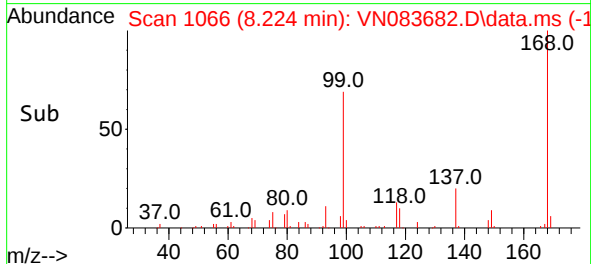
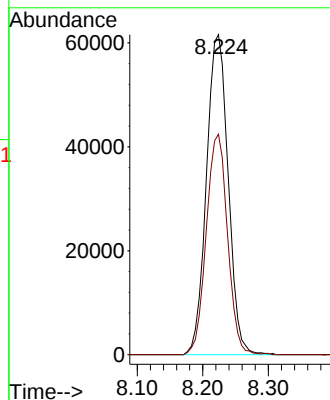
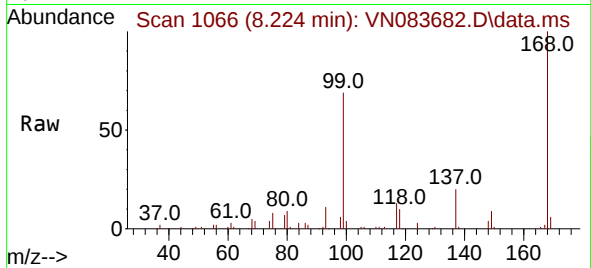




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083682.D
Acq: 05 Sep 2024 17:51

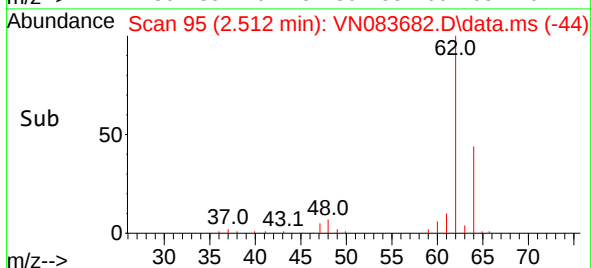
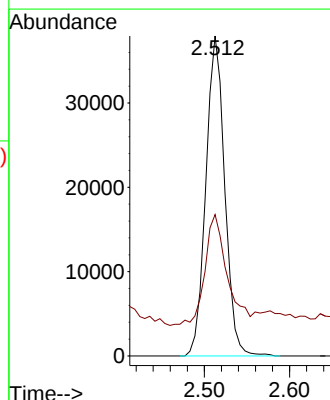
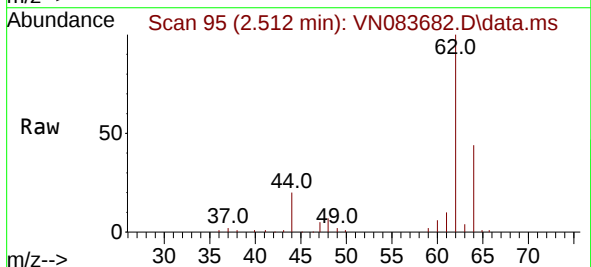
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-090324

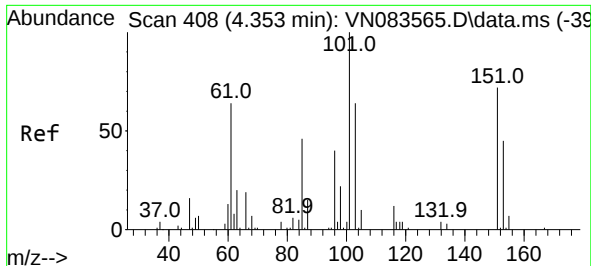
Tgt Ion:168 Resp: 141961
Ion Ratio Lower Upper
168 100
99 68.9 54.2 81.2



#4
Vinyl Chloride
Concen: 33.341 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083682.D
Acq: 05 Sep 2024 17:51

Tgt Ion: 62 Resp: 58400
Ion Ratio Lower Upper
62 100
64 34.3 24.7 37.1

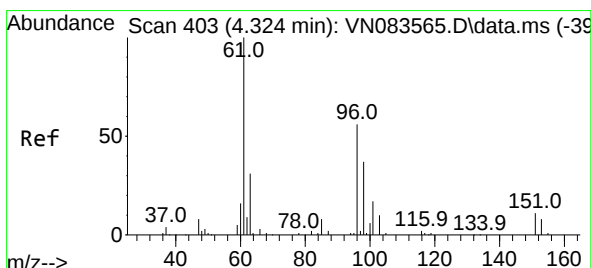
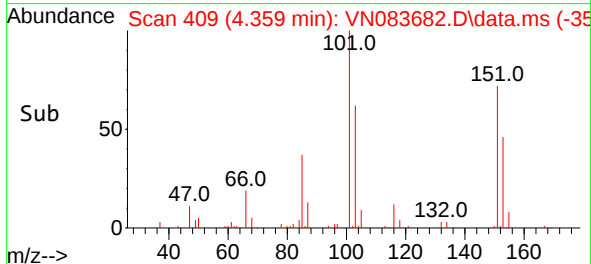
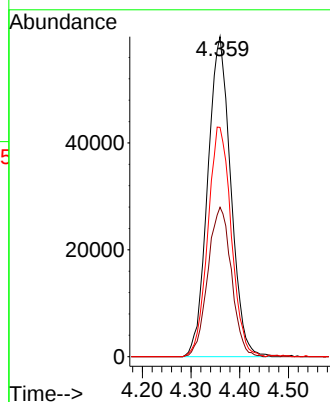
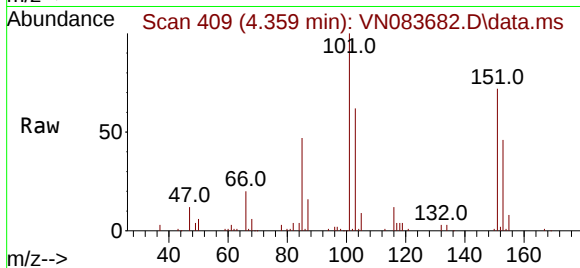




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 125.697 ug/l
 RT: 4.359 min Scan# 408
 Delta R.T. 0.006 min
 Lab File: VN083682.D
 Acq: 05 Sep 2024 17:51

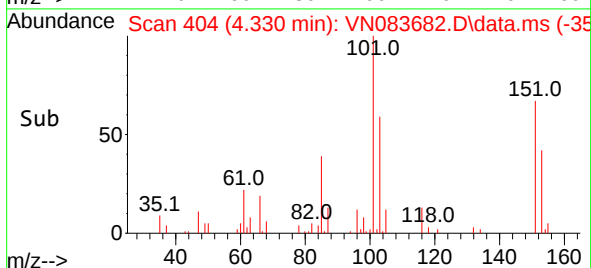
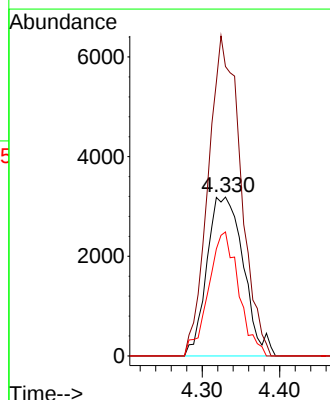
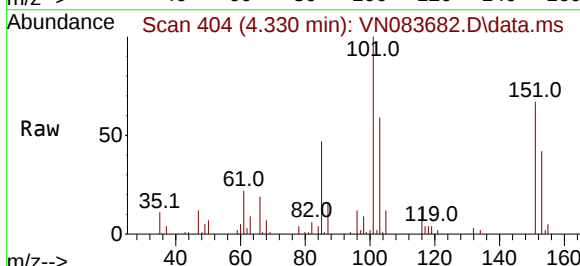
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A-13.5-090324

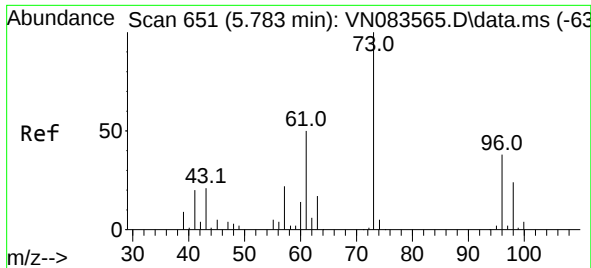
Tgt Ion:101 Resp: 196632
 Ion Ratio Lower Upper
 101 100
 85 47.8 36.2 54.4
 151 72.8 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 6.717 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: VN083682.D
 Acq: 05 Sep 2024 17:51

Tgt Ion: 96 Resp: 10446
 Ion Ratio Lower Upper
 96 100
 61 182.2 143.4 215.0
 98 78.0 52.7 79.1

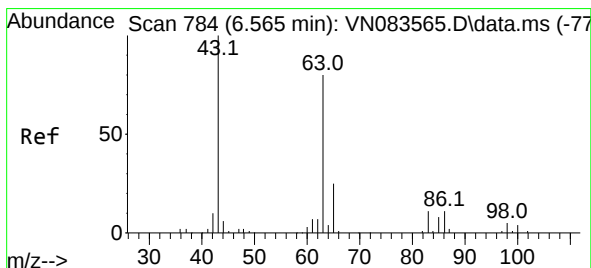
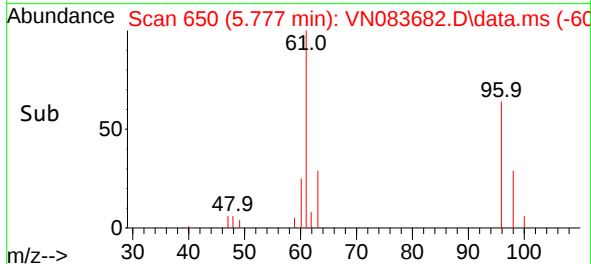
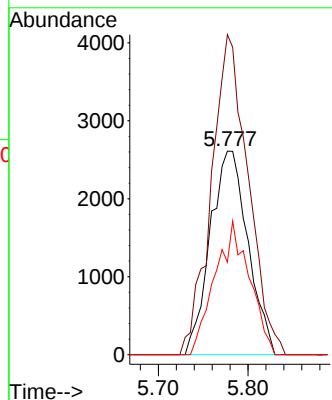
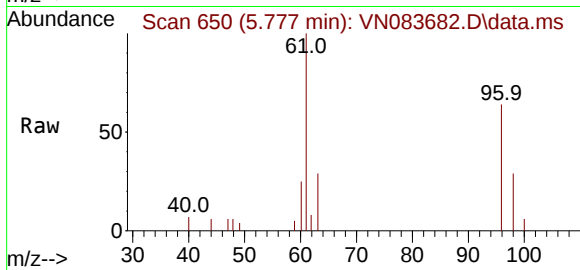




#21
trans-1,2-Dichloroethene
Concen: 4.705 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083682.D
Acq: 05 Sep 2024 17:51

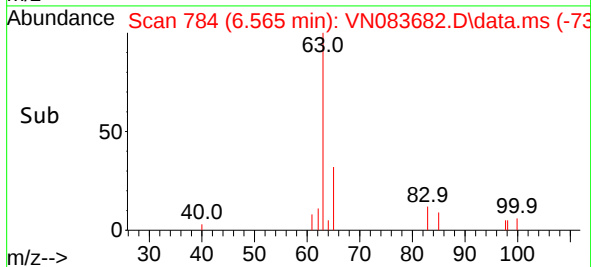
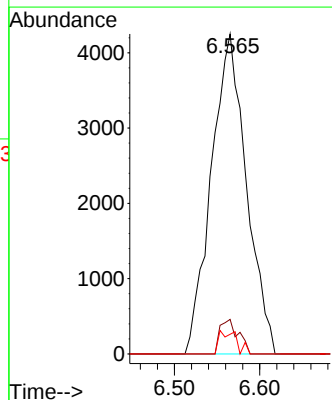
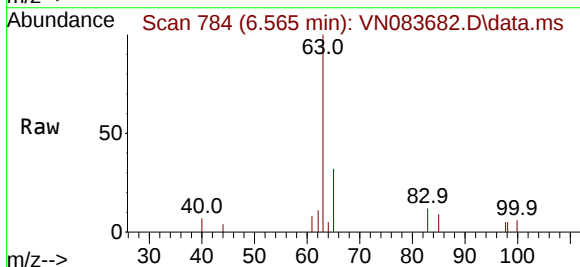
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-090324

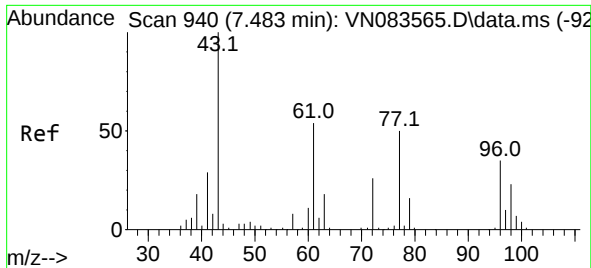
Tgt Ion: 96 Resp: 7622
Ion Ratio Lower Upper
96 100
61 157.2 106.0 159.0
98 45.5 52.2 78.2#



#24
1,1-Dichloroethane
Concen: 3.896 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN083682.D
Acq: 05 Sep 2024 17:51

Tgt Ion: 63 Resp: 12147
Ion Ratio Lower Upper
63 100
98 10.8 3.5 10.4#
100 6.1 2.5 7.5



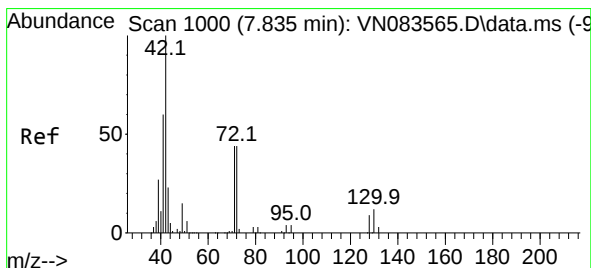
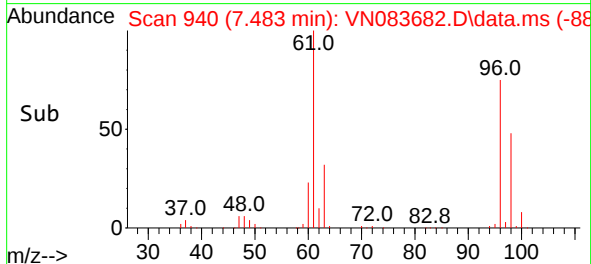
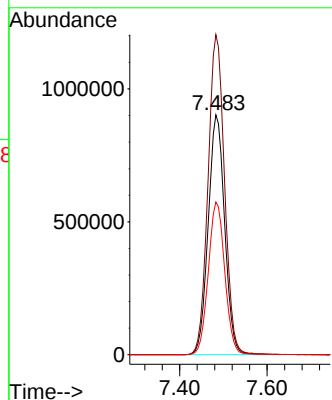
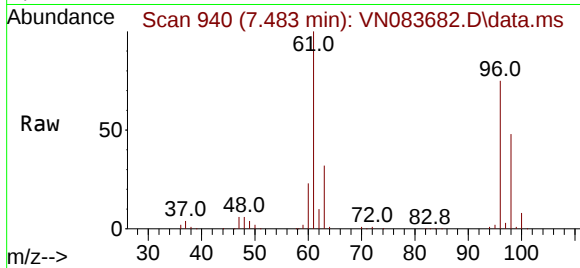


#27
 cis-1,2-Dichloroethene
 Concen: 1221.459 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083682.D
 Acq: 05 Sep 2024 17:51

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A-13.5-090324

Tgt Ion: 96 Resp: 2361185

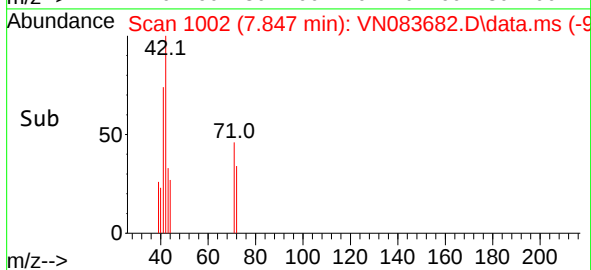
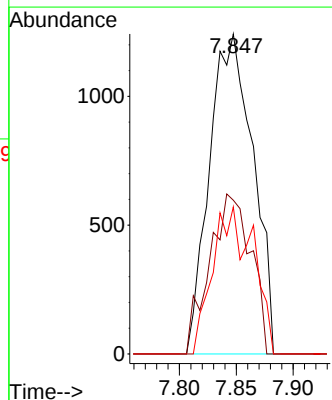
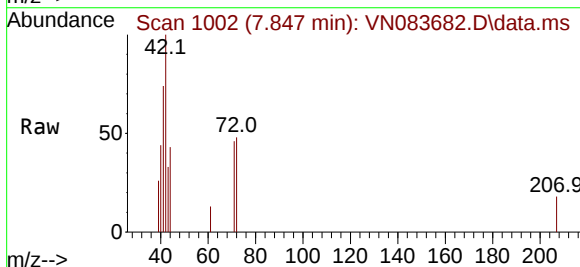
Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	306.2
98	63.9	0.0	128.6

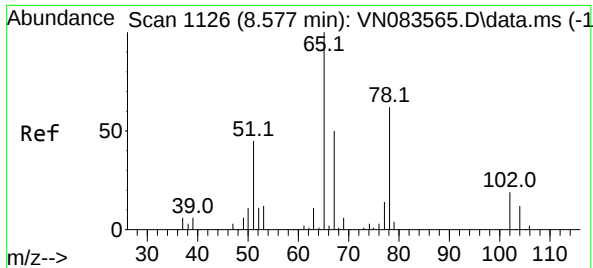


#29
 Tetrahydrofuran
 Concen: 4.954 ug/l
 RT: 7.847 min Scan# 1002
 Delta R.T. 0.012 min
 Lab File: VN083682.D
 Acq: 05 Sep 2024 17:51

Tgt Ion: 42 Resp: 3310

Ion	Ratio	Lower	Upper
42	100		
72	47.4	35.9	53.9
71	43.1	33.9	50.9





#33

1,2-Dichloroethane-d4

Concen: 55.289 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083682.D

Acq: 05 Sep 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

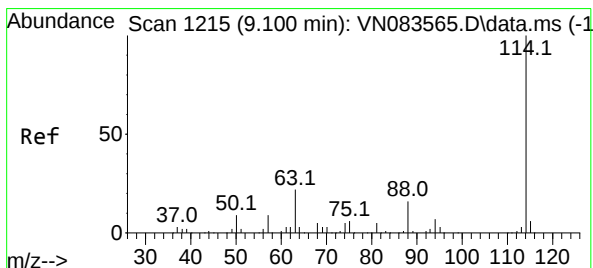
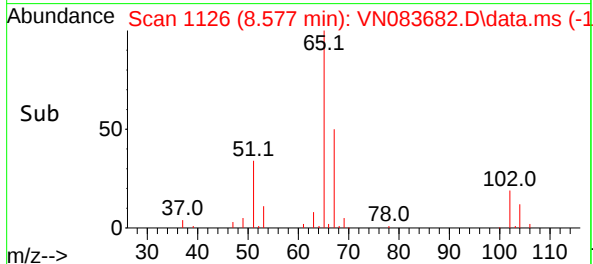
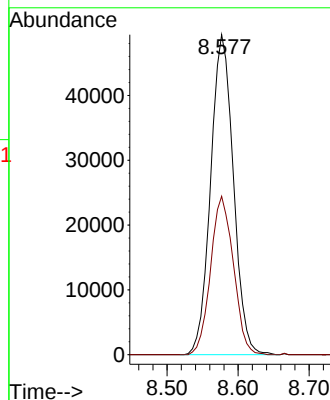
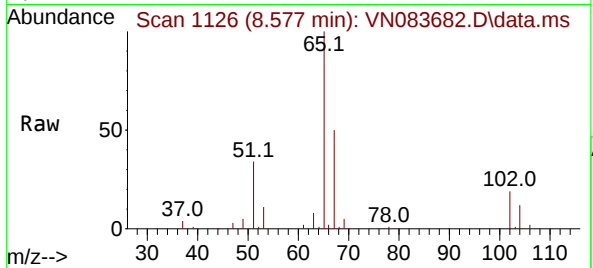
MW-11A-13.5-090324

Tgt Ion: 65 Resp: 109695

Ion Ratio Lower Upper

65 100

67 49.6 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: VN083682.D

Acq: 05 Sep 2024 17:51

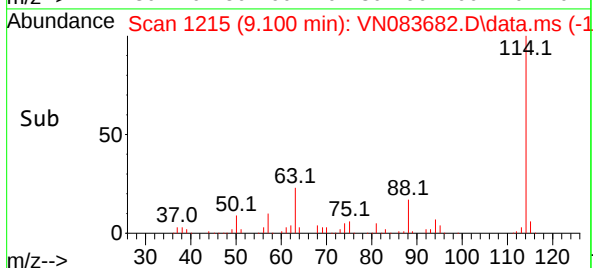
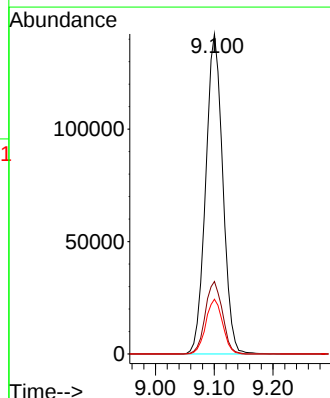
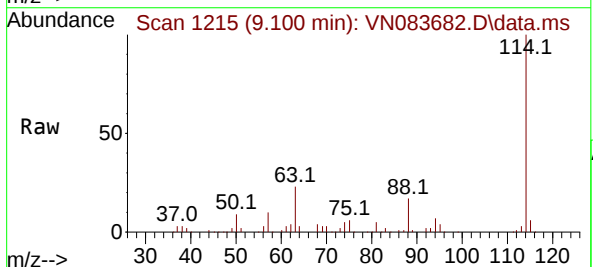
Tgt Ion: 114 Resp: 287499

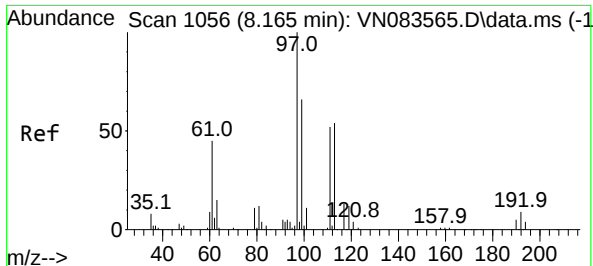
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

88 17.1 0.0 32.6

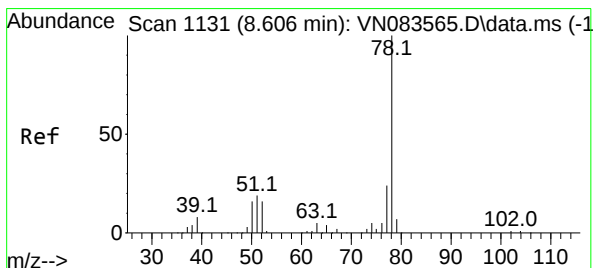
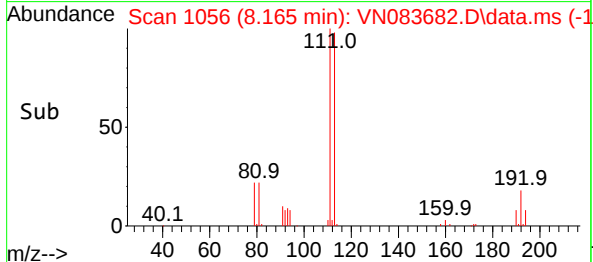
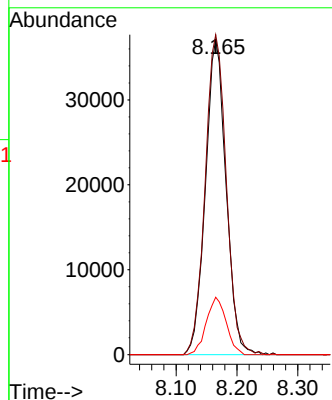
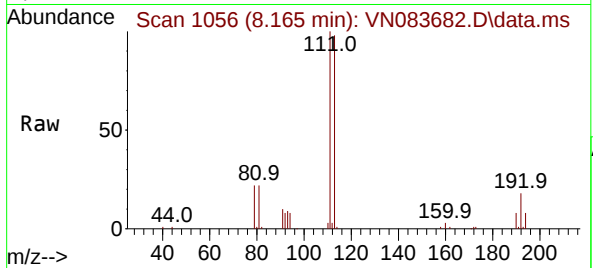




#35
Dibromofluoromethane
Concen: 50.316 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083682.D
Acq: 05 Sep 2024 17:51

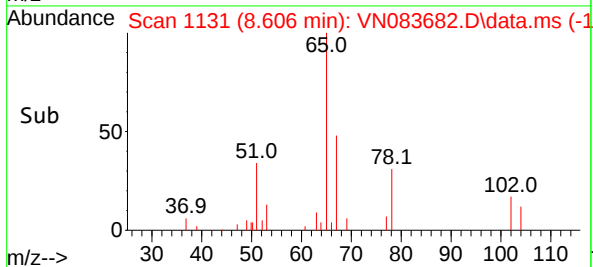
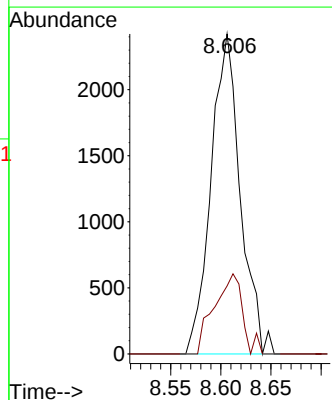
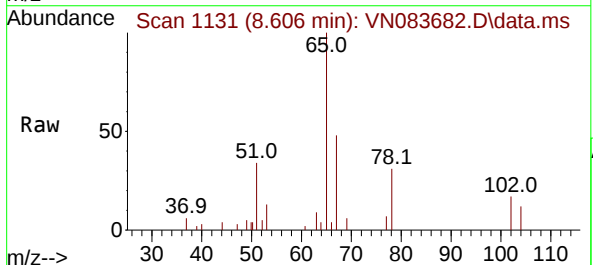
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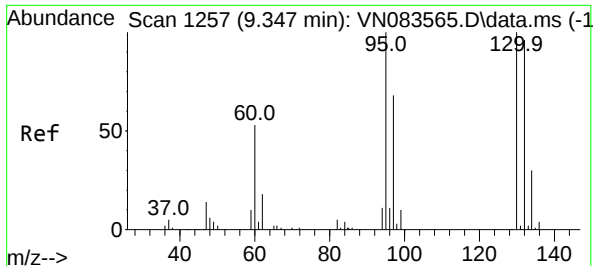
Tgt Ion:	113	Resp:	87066
Ion Ratio	Lower	Upper	
113	100		
111	104.3	82.6	124.0
192	17.7	14.3	21.5



#40
Benzene
Concen: 0.608 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083682.D
Acq: 05 Sep 2024 17:51

Tgt Ion:	78	Resp:	4936
Ion Ratio	Lower	Upper	
78	100		
77	21.3	19.0	28.6

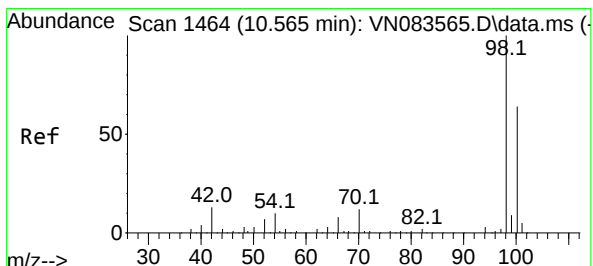
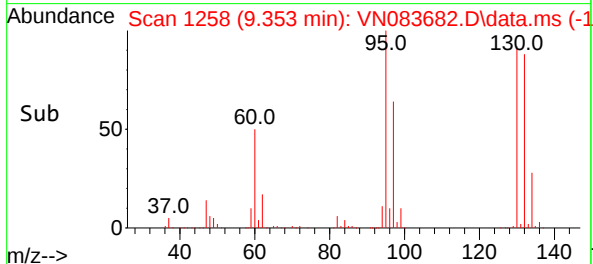
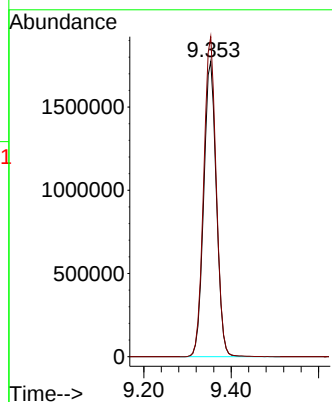
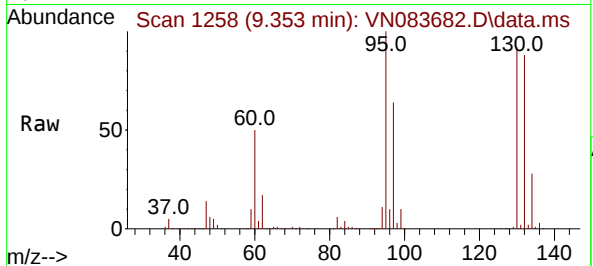




#44
 Trichloroethene
 Concen: 1828.496 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.006 min
 Lab File: VN083682.D
 Acq: 05 Sep 2024 17:51

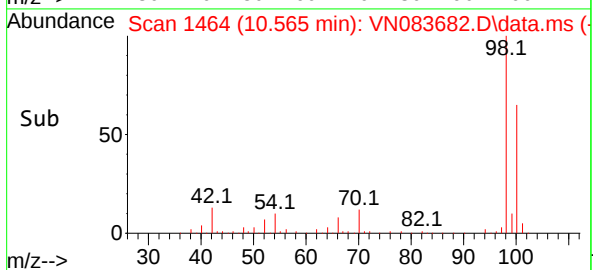
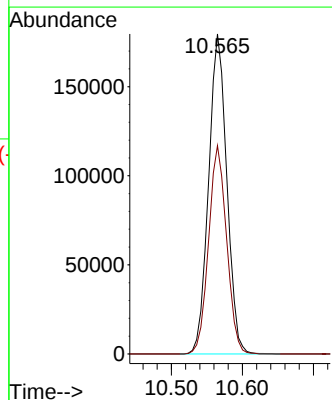
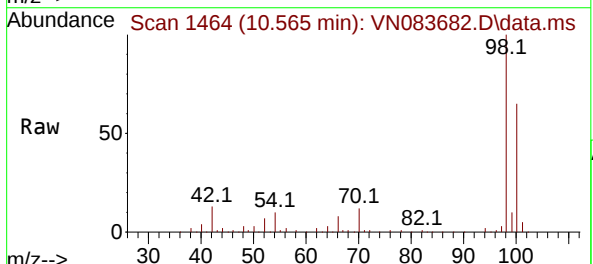
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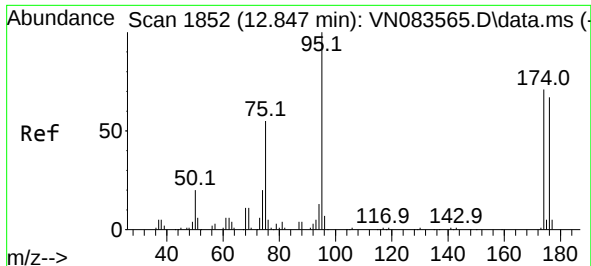
Tgt Ion:130 Resp: 3571338
 Ion Ratio Lower Upper
 130 100
 95 108.4 0.0 200.4



#50
 Toluene-d8
 Concen: 47.450 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN083682.D
 Acq: 05 Sep 2024 17:51

Tgt Ion: 98 Resp: 319701
 Ion Ratio Lower Upper
 98 100
 100 64.5 52.0 78.0

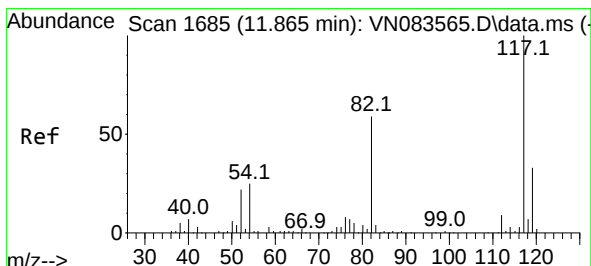
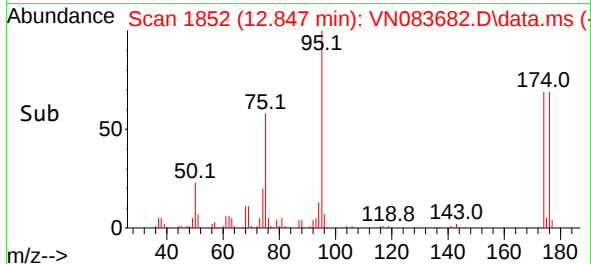
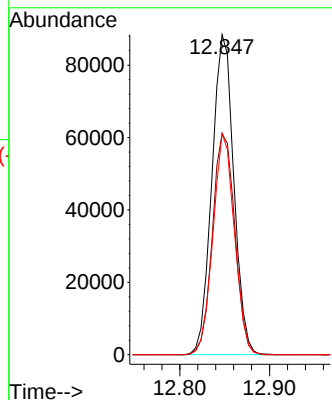
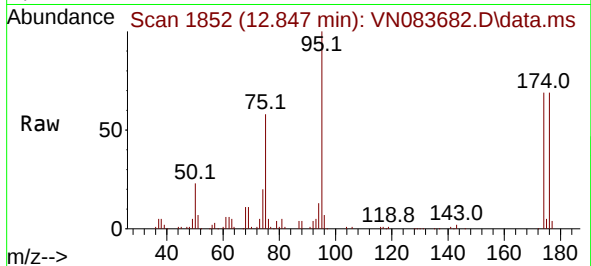




#62
4-Bromofluorobenzene
Concen: 59.983 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083682.D
Acq: 05 Sep 2024 17:51

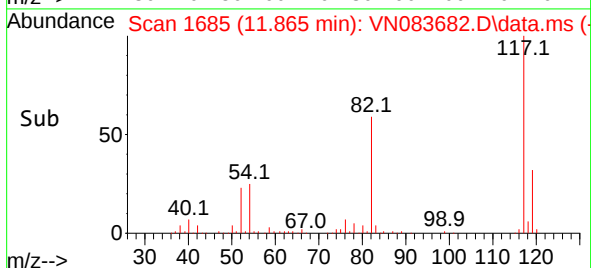
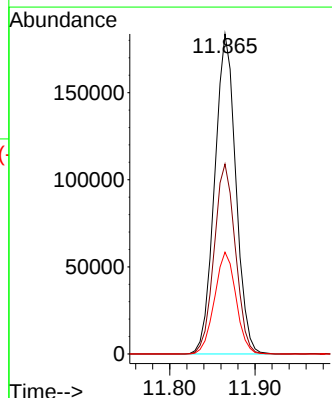
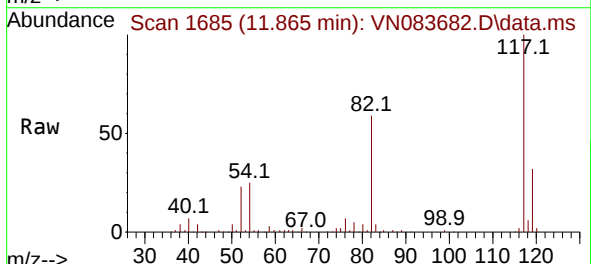
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-090324

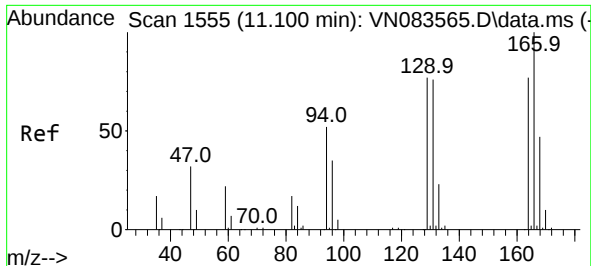
Tgt Ion: 95 Resp: 149731
Ion Ratio Lower Upper
95 100
174 70.6 0.0 139.8
176 67.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083682.D
Acq: 05 Sep 2024 17:51

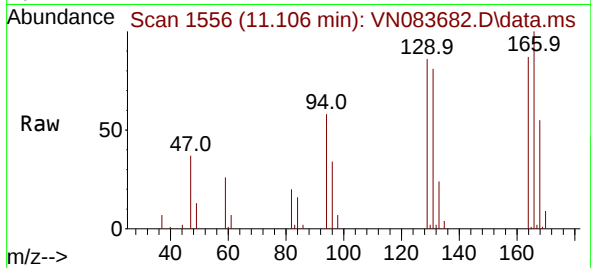
Tgt Ion: 117 Resp: 316829
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 31.8 26.3 39.5



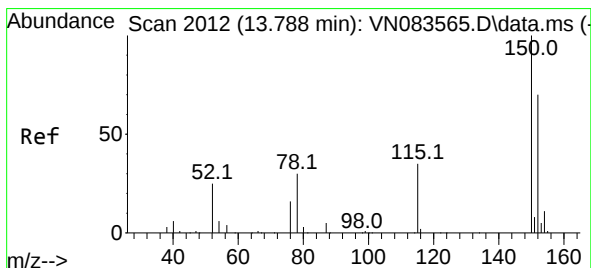
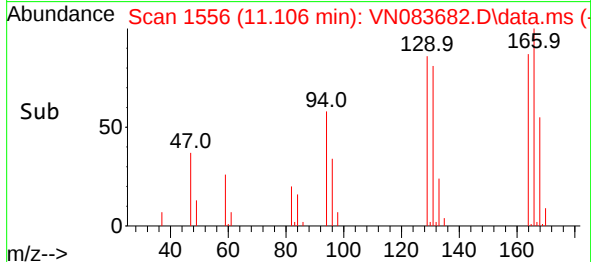
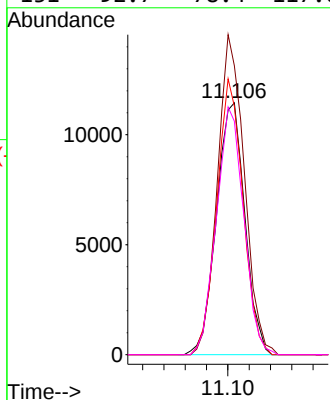


#64
Tetrachloroethene
Concen: 10.181 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083682.D
Acq: 05 Sep 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-090324



Tgt Ion:164 Resp: 21203
Ion Ratio Lower Upper
164 100
166 114.7 103.7 155.5
129 98.6 79.9 119.9
131 92.7 78.4 117.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083682.D
Acq: 05 Sep 2024 17:51

Tgt Ion:152 Resp: 149207
Ion Ratio Lower Upper
152 100
115 65.1 32.2 96.6
150 159.7 0.0 348.6

