

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083733.D
 Acq On : 09 Sep 2024 21:48
 Operator : JC\MD
 Sample : P3841-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11B-37.5-090424

Quant Time: Sep 10 02:18:56 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)

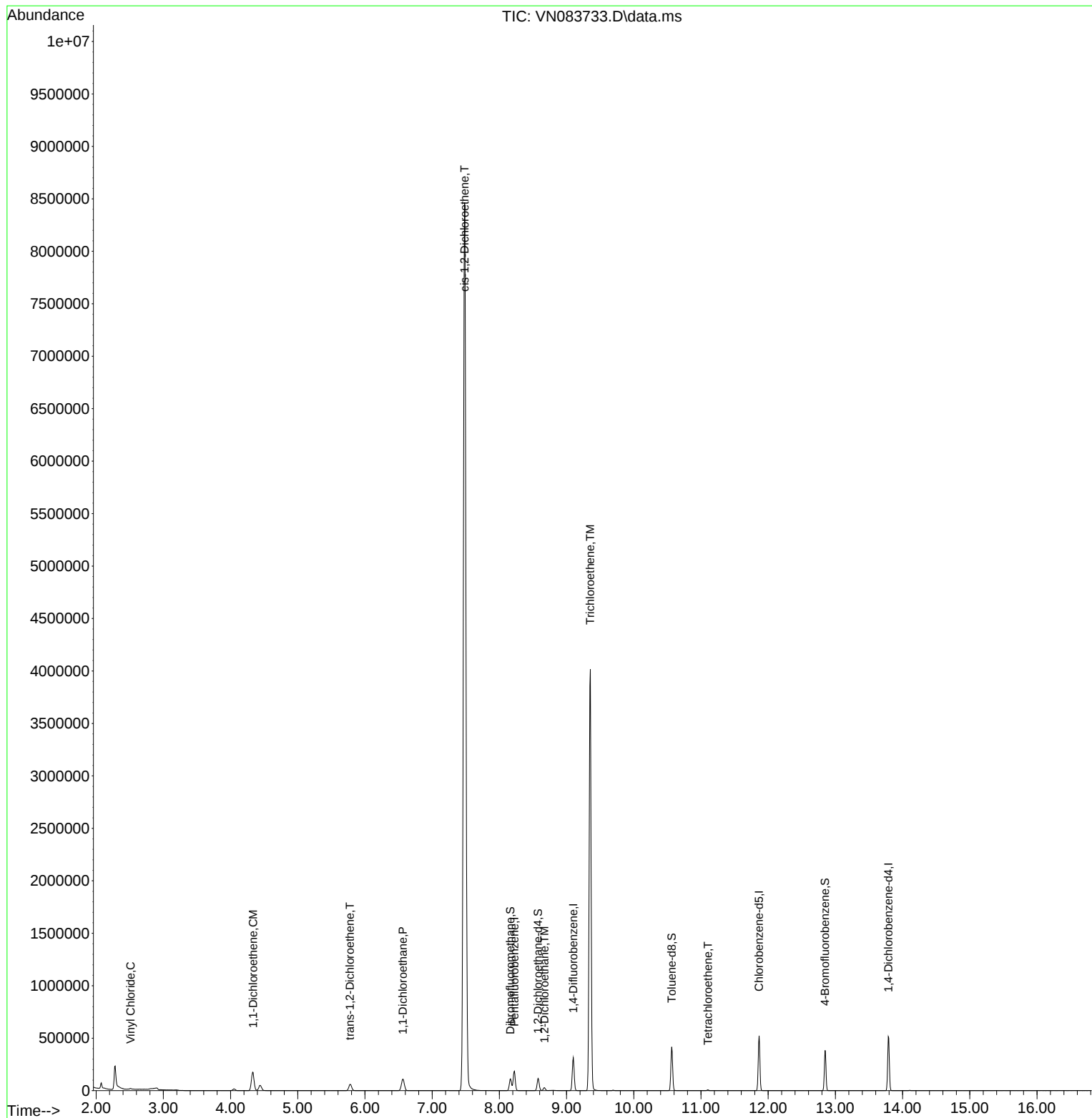
Internal Standards						
1) Pentafluorobenzene	8.224	168	124404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	252860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97049	55.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.640%
35) Dibromofluoromethane	8.165	113	78408	51.520	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.040%
50) Toluene-d8	10.565	98	278165	46.953	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.900%
62) 4-Bromofluorobenzene	12.847	95	130073	59.246	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	118.500%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.512	62	5284	3.442	ug/l	97
12) 1,1-Dichloroethene	4.336	96	97140	71.276	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	38226	26.927	ug/l	94
24) 1,1-Dichloroethane	6.565	63	160258	58.652	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	4964143	2930.407	ug/l	90
42) 1,2-Dichloroethane	8.671	62	26024	9.831	ug/l	100
44) Trichloroethene	9.353	130	1327509	772.782	ug/l	91
64) Tetrachloroethene	11.106	164	1867	1.013	ug/l #	73

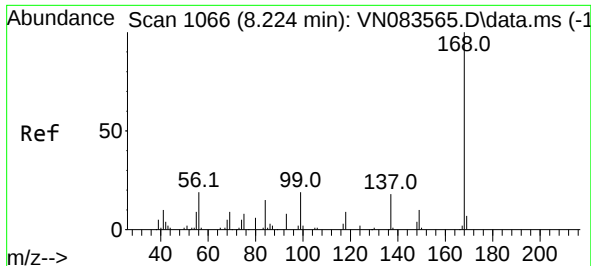
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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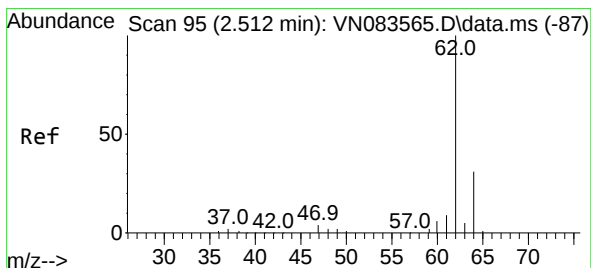
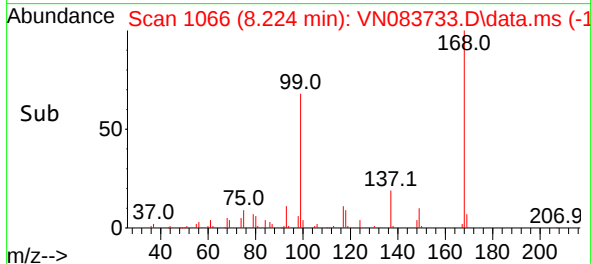
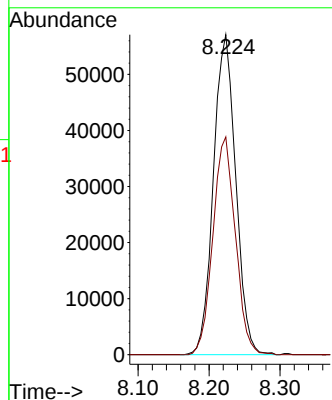
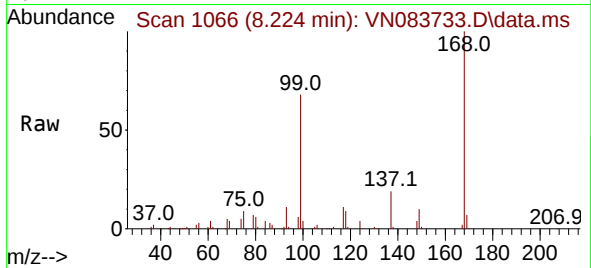




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083733.D
Acq: 09 Sep 2024 21:48

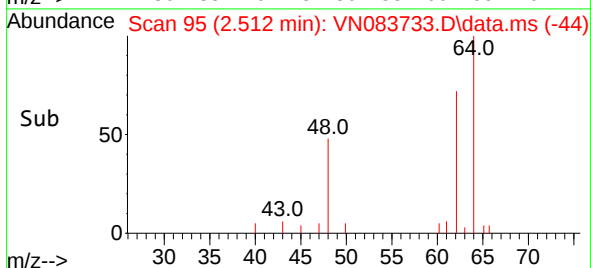
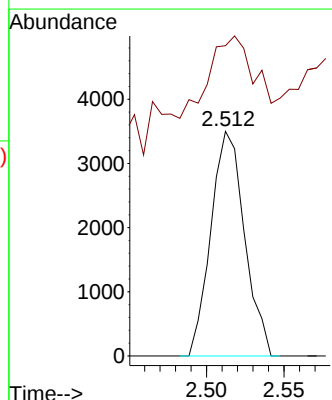
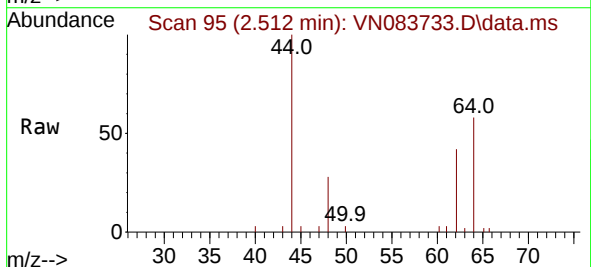
Instrument :
MSVOA_N
ClientSampleId :
MW-11B-37.5-090424

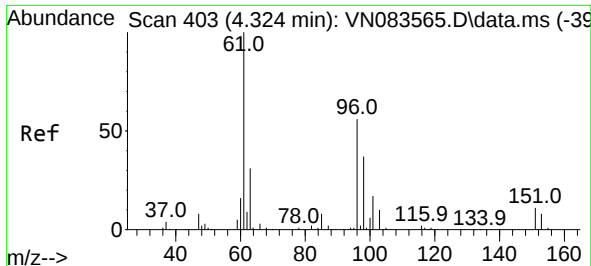
Tgt Ion:168 Resp: 124404
Ion Ratio Lower Upper
168 100
99 68.0 54.2 81.2



#4
Vinyl Chloride
Concen: 3.442 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083733.D
Acq: 09 Sep 2024 21:48

Tgt Ion: 62 Resp: 5284
Ion Ratio Lower Upper
62 100
64 32.3 24.7 37.1





#12

1,1-Dichloroethene

Concen: 71.276 ug/l

RT: 4.336 min Scan# 40

Delta R.T. 0.012 min

Lab File: VN083733.D

Acq: 09 Sep 2024 21:48

Instrument :

MSVOA_N

ClientSampleId :

MW-11B-37.5-090424

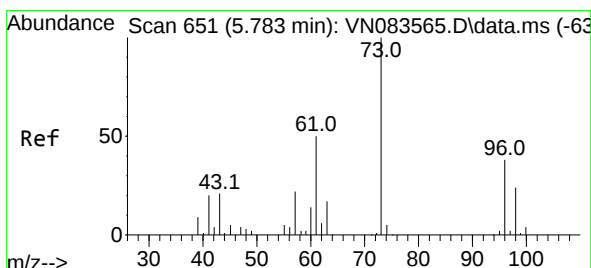
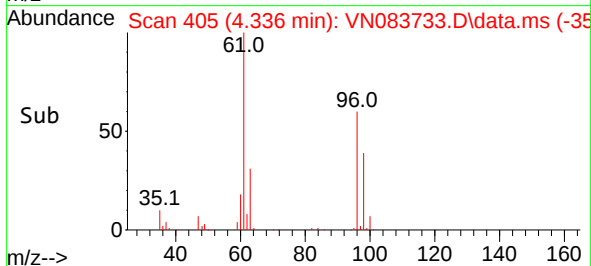
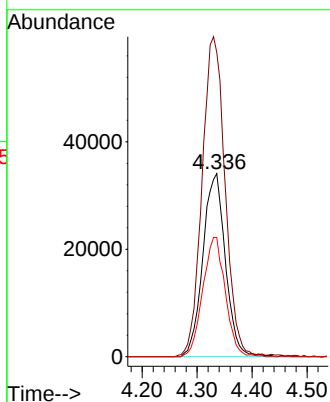
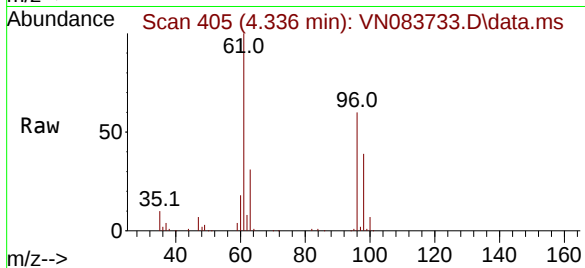
Tgt Ion: 96 Resp: 97140

Ion Ratio Lower Upper

96 100

61 165.6 143.4 215.0

98 65.2 52.7 79.1



#21

trans-1,2-Dichloroethene

Concen: 26.927 ug/l

RT: 5.777 min Scan# 650

Delta R.T. -0.006 min

Lab File: VN083733.D

Acq: 09 Sep 2024 21:48

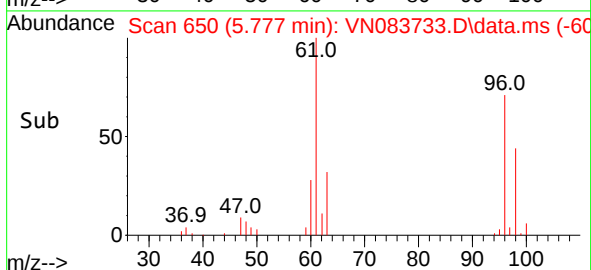
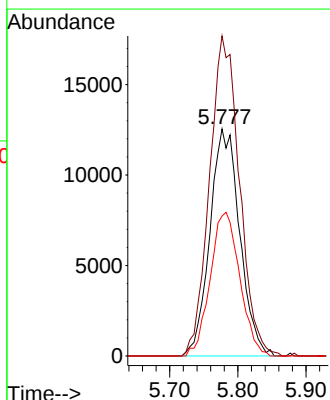
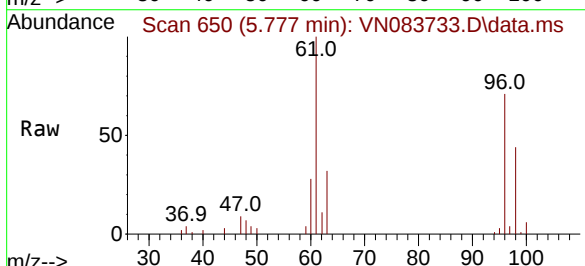
Tgt Ion: 96 Resp: 38226

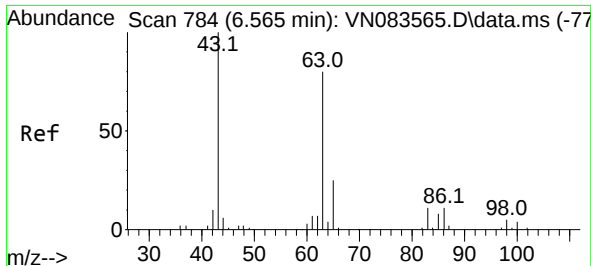
Ion Ratio Lower Upper

96 100

61 140.9 106.0 159.0

98 61.6 52.2 78.2





#24

1,1-Dichloroethane

Concen: 58.652 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN083733.D

Acq: 09 Sep 2024 21:48

Instrument :

MSVOA_N

ClientSampleId :

MW-11B-37.5-090424

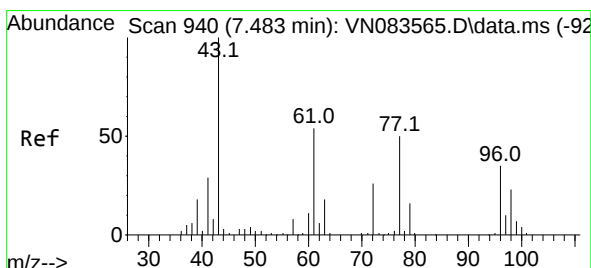
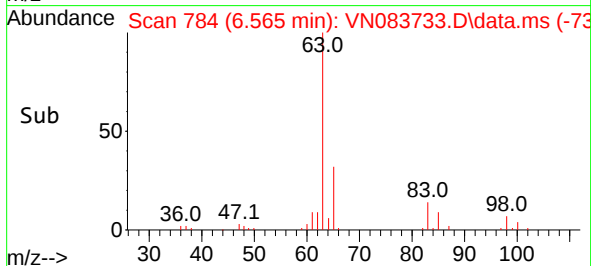
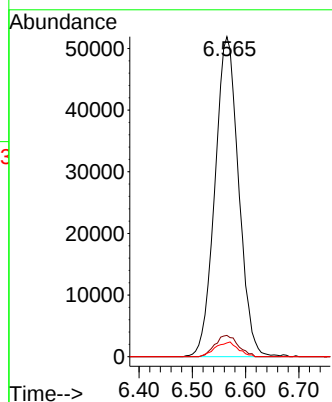
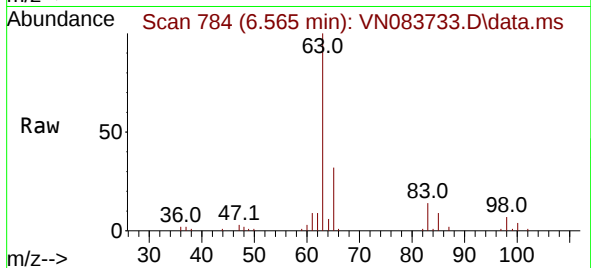
Tgt Ion: 63 Resp: 160258

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.3 2.5 7.5



#27

cis-1,2-Dichloroethene

Concen: 2930.407 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN083733.D

Acq: 09 Sep 2024 21:48

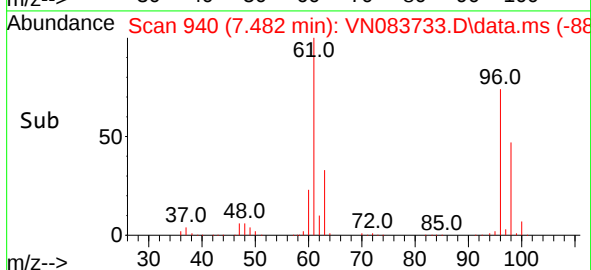
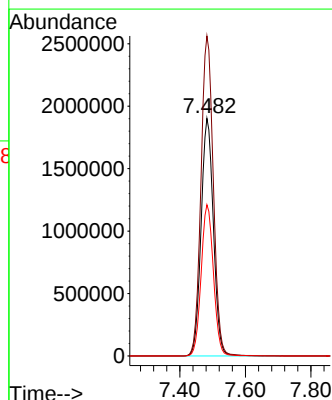
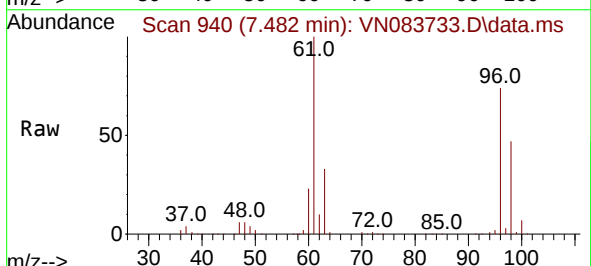
Tgt Ion: 96 Resp: 4964143

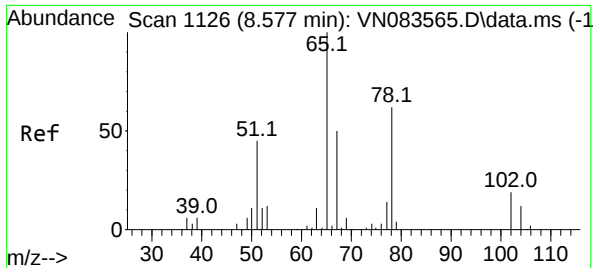
Ion Ratio Lower Upper

96 100

61 135.3 0.0 306.2

98 63.7 0.0 128.6

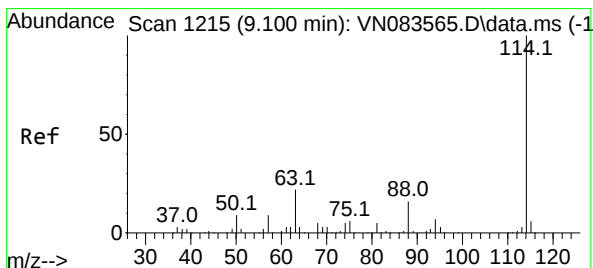
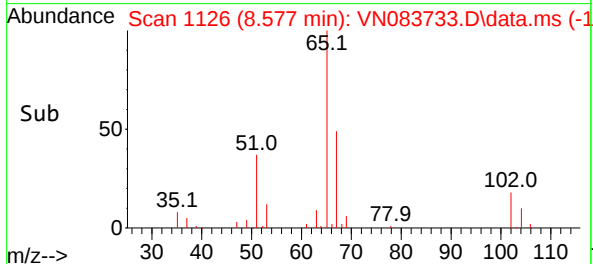
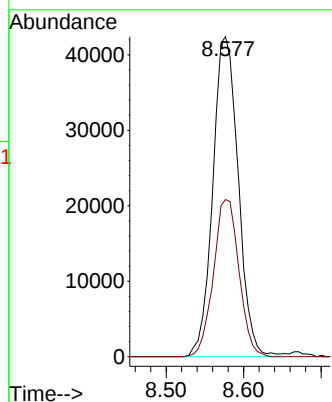
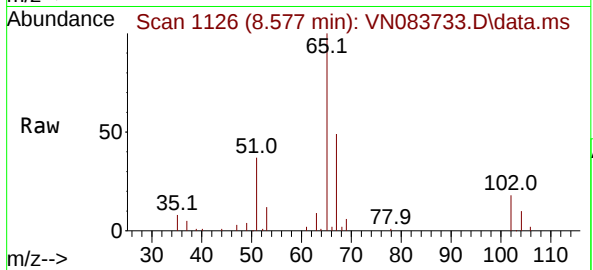




#33
 1,2-Dichloroethane-d4
 Concen: 55.818 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083733.D
 Acq: 09 Sep 2024 21:48

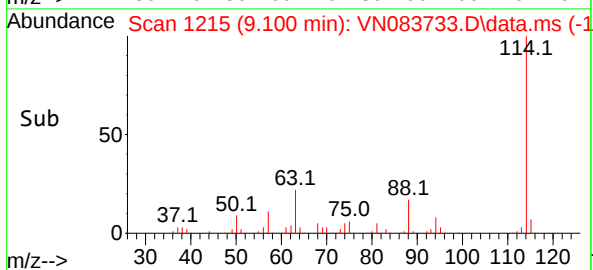
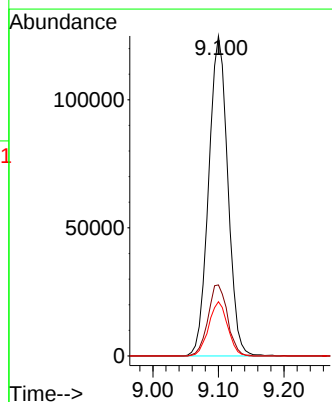
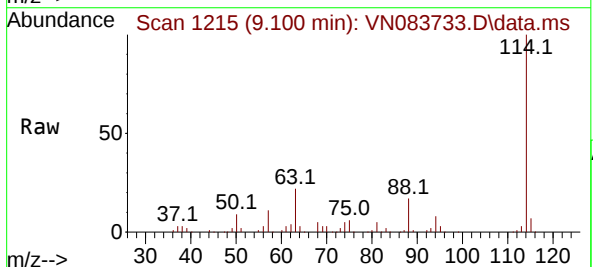
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11B-37.5-090424

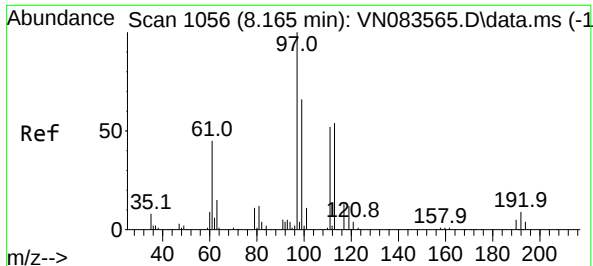
Tgt Ion: 65 Resp: 97049
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083733.D
 Acq: 09 Sep 2024 21:48

Tgt Ion: 114 Resp: 252860
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.4
 88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.520 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083733.D

Acq: 09 Sep 2024 21:48

Instrument :

MSVOA_N

ClientSampleId :

MW-11B-37.5-090424

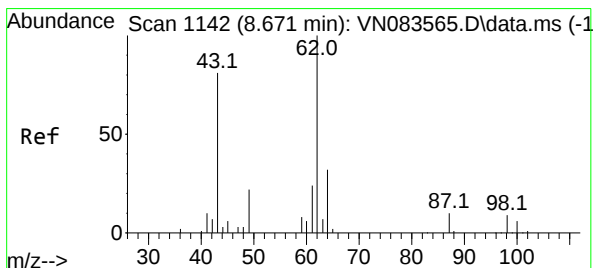
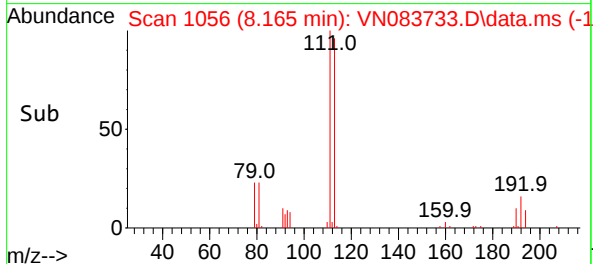
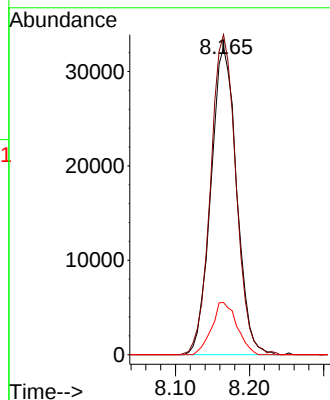
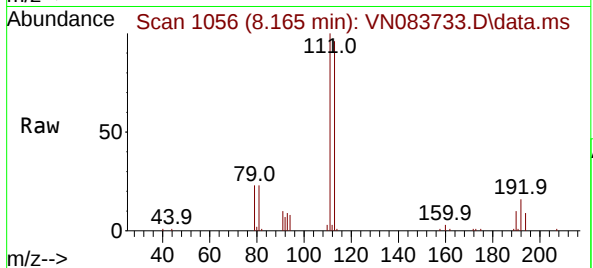
Tgt Ion:113 Resp: 78408

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 16.7 14.3 21.5



#42

1,2-Dichloroethane

Concen: 9.831 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN083733.D

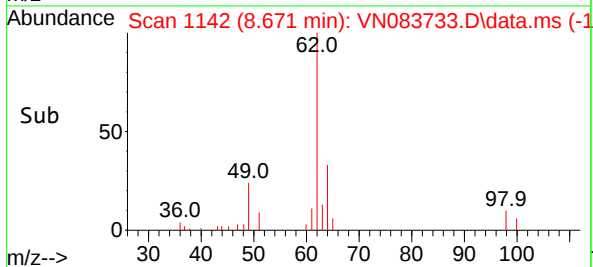
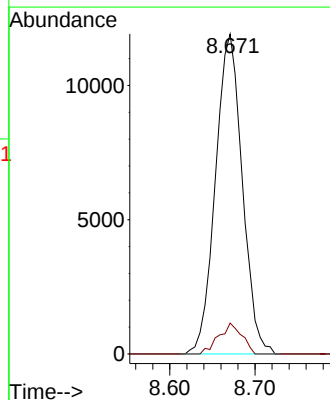
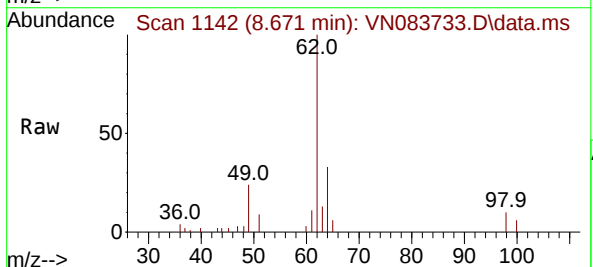
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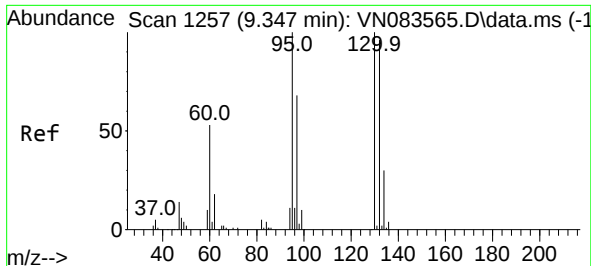
Tgt Ion: 62 Resp: 26024

Ion Ratio Lower Upper

62 100

98 8.3 0.0 16.6

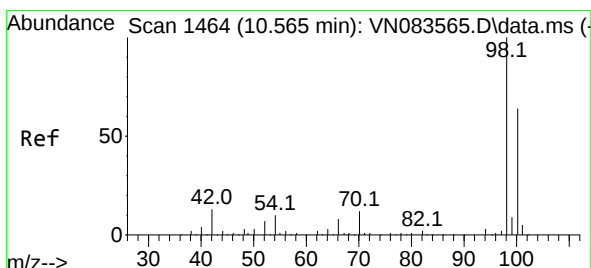
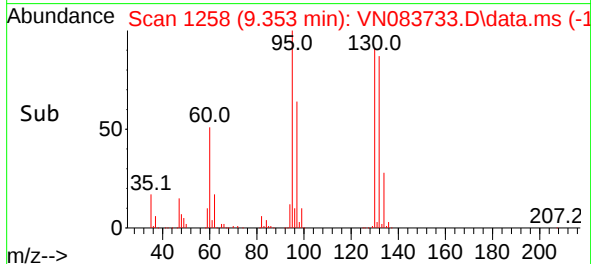
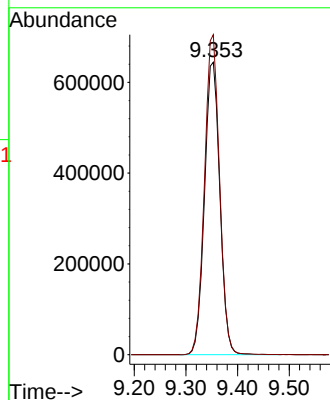
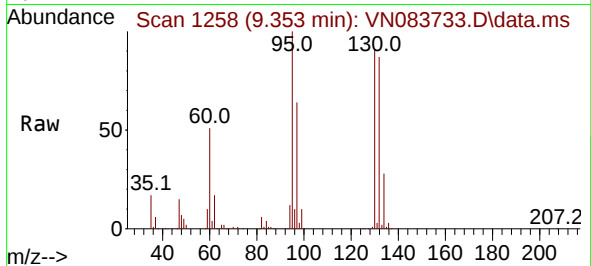




#44
Trichloroethene
Concen: 772.782 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083733.D
Acq: 09 Sep 2024 21:48

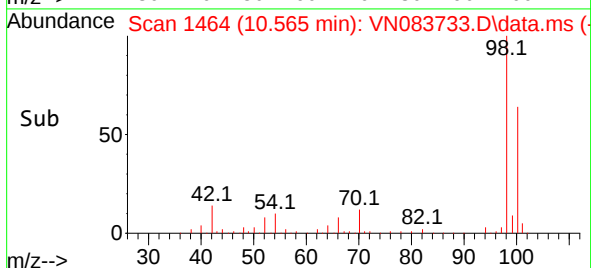
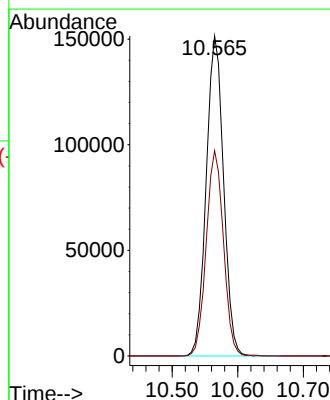
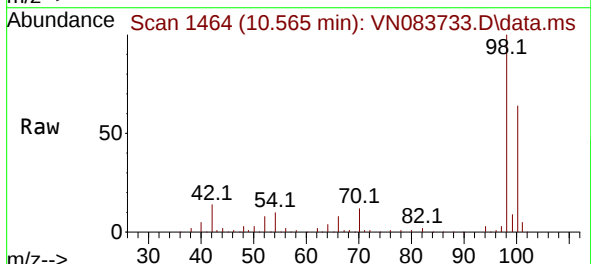
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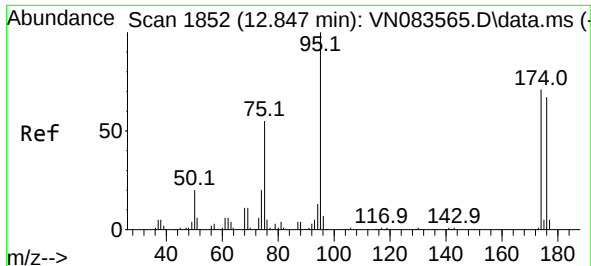
Tgt Ion:130 Resp: 1327509
Ion Ratio Lower Upper
130 100
95 109.4 0.0 200.4



#50
Toluene-d8
Concen: 46.953 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083733.D
Acq: 09 Sep 2024 21:48

Tgt Ion: 98 Resp: 278165
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

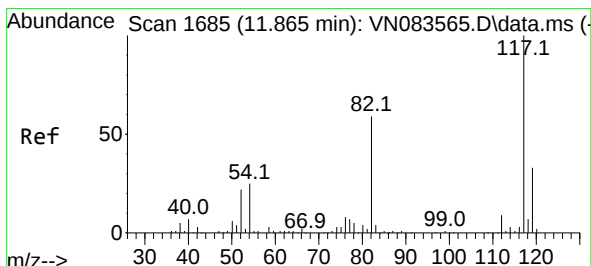
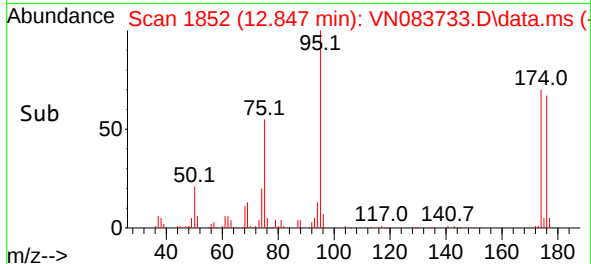
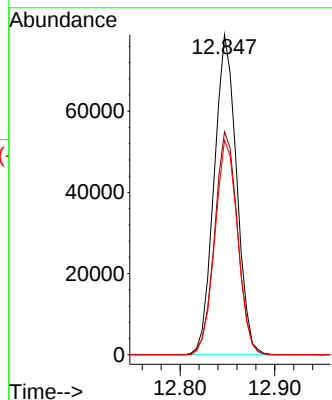
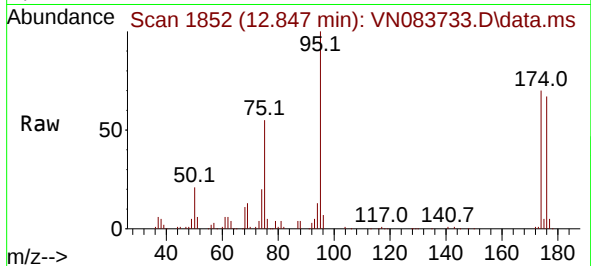




#62
4-Bromofluorobenzene
Concen: 59.246 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083733.D
Acq: 09 Sep 2024 21:48

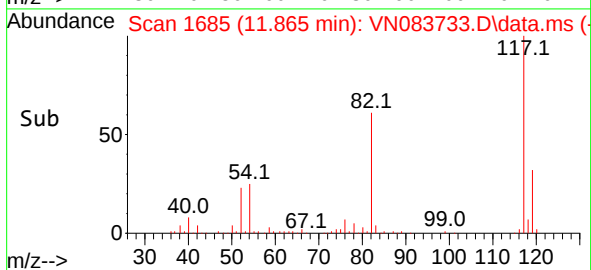
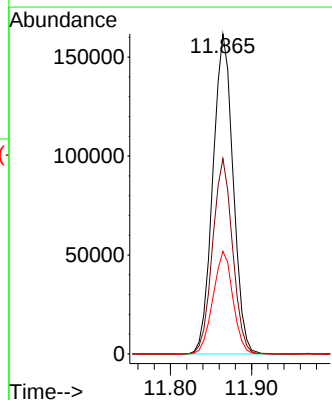
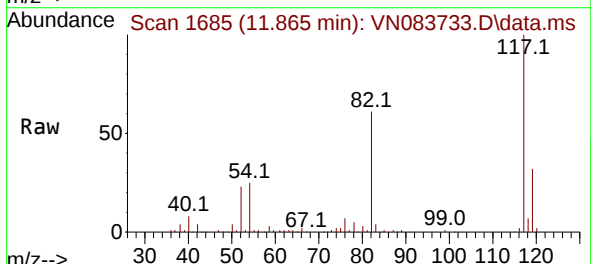
Instrument :
MSVOA_N
ClientSampleId :
MW-11B-37.5-090424

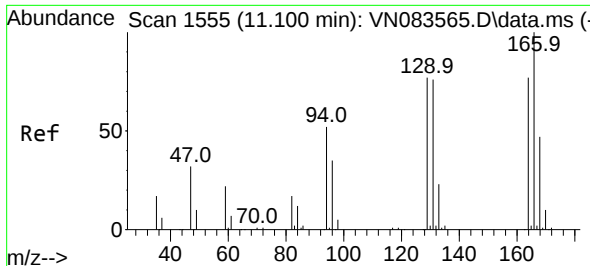
Tgt Ion: 95 Resp: 130073
Ion Ratio Lower Upper
95 100
174 71.0 0.0 139.8
176 67.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083733.D
Acq: 09 Sep 2024 21:48

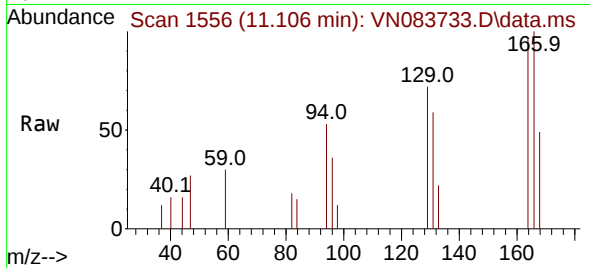
Tgt Ion: 117 Resp: 280478
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.0
119 32.1 26.3 39.5



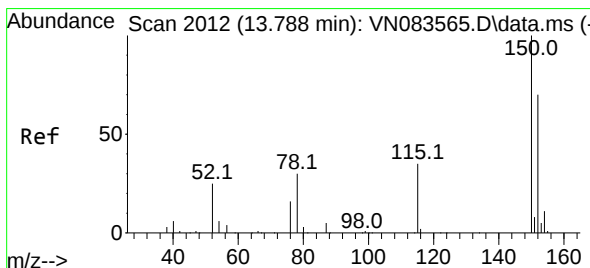
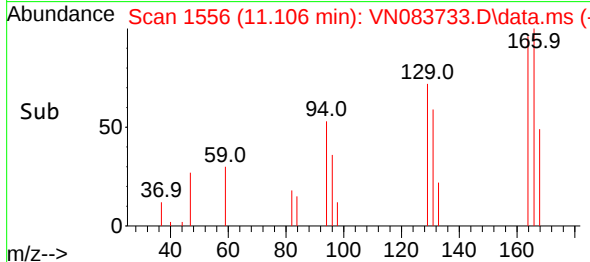
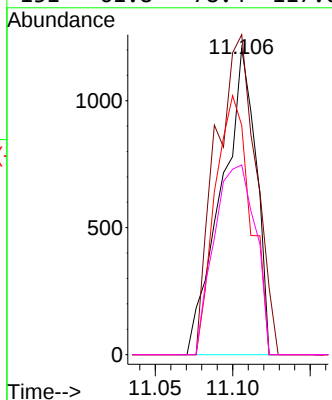


#64
Tetrachloroethene
Concen: 1.013 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083733.D
Acq: 09 Sep 2024 21:48

Instrument :
MSVOA_N
ClientSampleId :
MW-11B-37.5-090424



Tgt Ion:164 Resp: 1867
Ion Ratio Lower Upper
164 100
166 104.3 103.7 155.5
129 74.8 79.9 119.9#
131 61.8 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: VN083733.D
Acq: 09 Sep 2024 21:48

Tgt Ion:152 Resp: 130007
Ion Ratio Lower Upper
152 100
115 64.2 32.2 96.6
150 160.0 0.0 348.6

