

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084132.D
 Acq On : 24 Sep 2024 14:19
 Operator : JC\MD
 Sample : P4116-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D2-20240916

Quant Time: Sep 25 01:34:06 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)

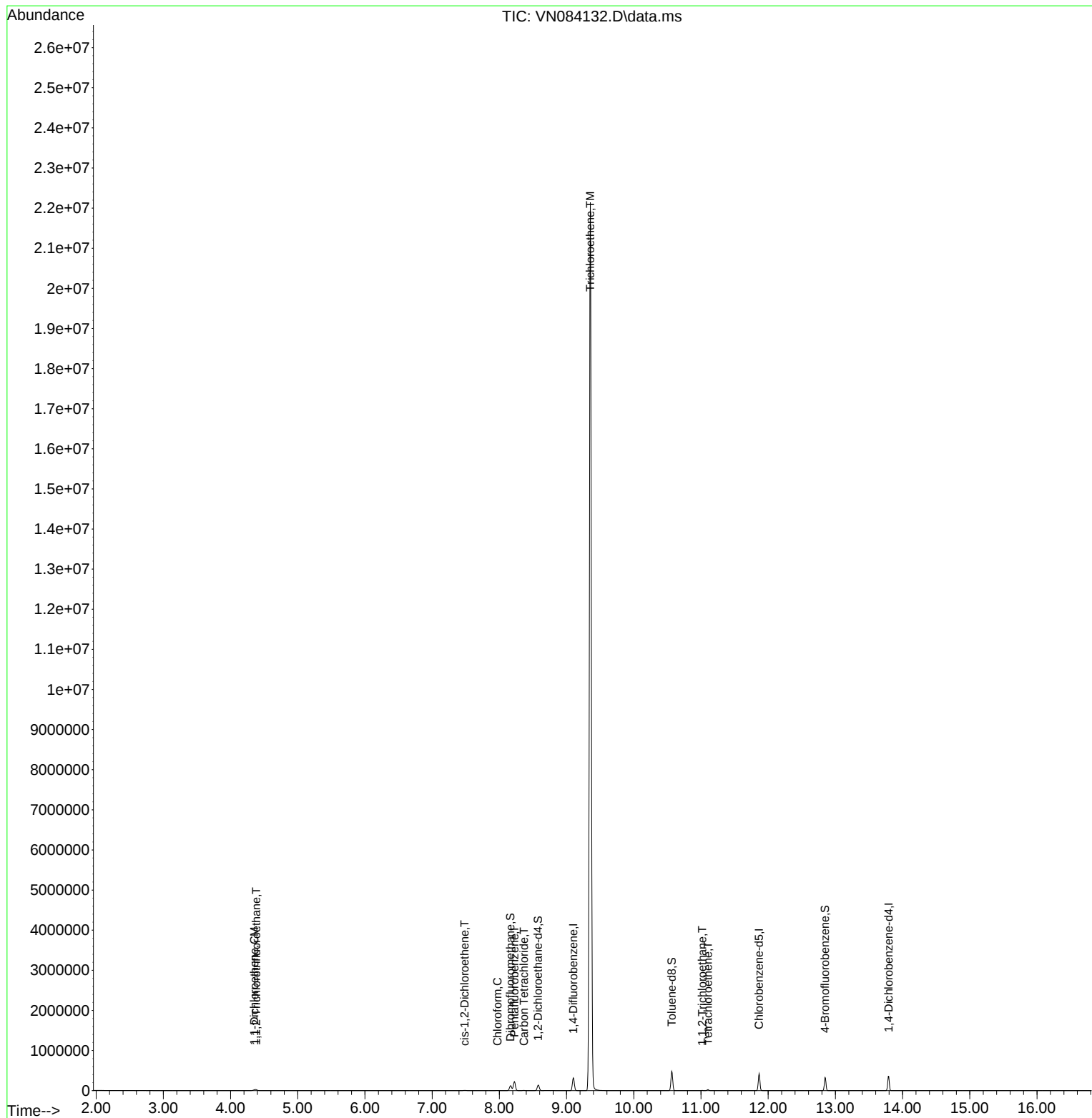
Internal Standards						
1) Pentafluorobenzene	8.224	168	153557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116590	50.354	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.700%			
35) Dibromofluoromethane	8.165	113	86509	50.640	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.280%			
50) Toluene-d8	10.565	98	327602	55.472	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.940%			
62) 4-Bromofluorobenzene	12.847	95	111385	45.714	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.420%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.383	101	17930	10.195	ug/l	98
12) 1,1-Dichloroethene	4.353	96	4461	2.686	ug/l	86
27) cis-1,2-Dichloroethene	7.483	96	4770	2.257	ug/l	85
30) Chloroform	7.971	83	3575	0.959	ug/l	93
38) Carbon Tetrachloride	8.365	117	4411	1.512	ug/l	97
44) Trichloroethene	9.353	130	7348170	4100.105	ug/l	86
55) 1,1,2-Trichloroethane	11.018	97	2279	1.290	ug/l	91
64) Tetrachloroethene	11.106	164	6002	3.945	ug/l	90

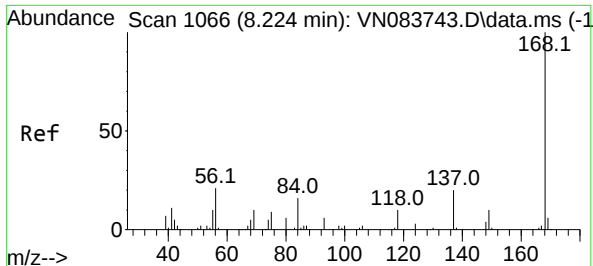
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

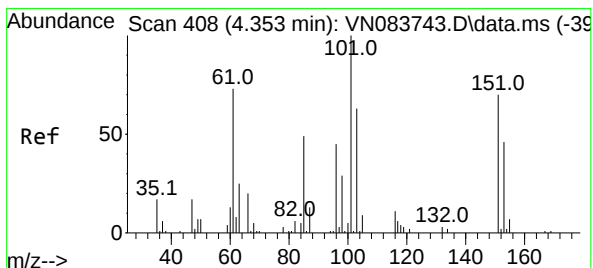
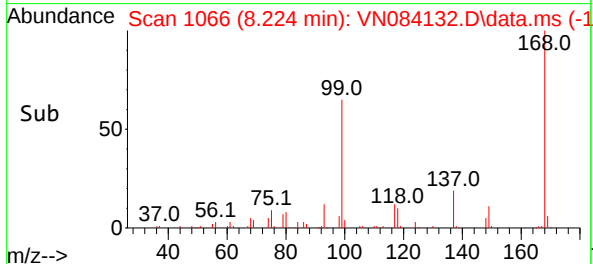
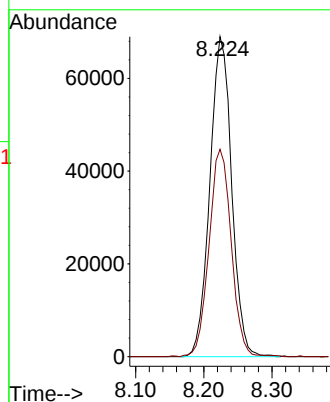
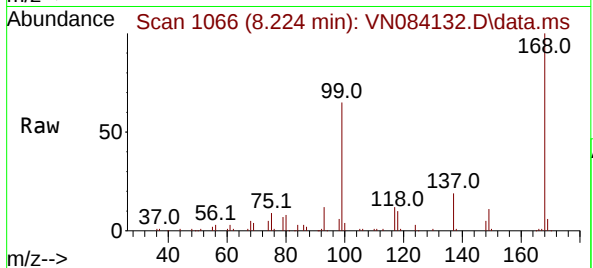




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084132.D
Acq: 24 Sep 2024 14:19

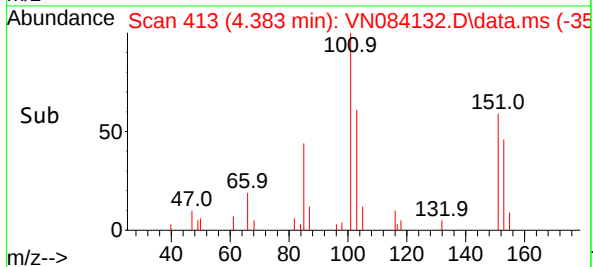
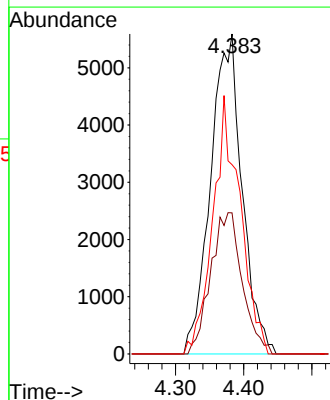
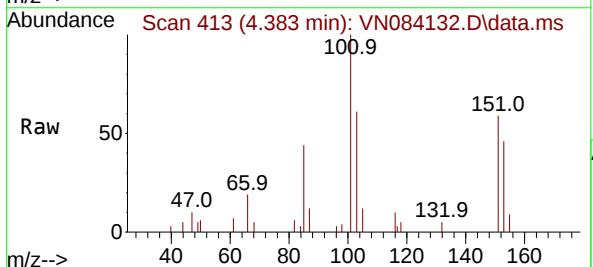
Instrument :
MSVOA_N
ClientSampleId :
RE122D2-20240916

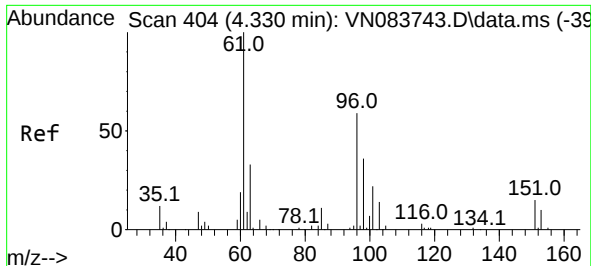
Tgt Ion:168 Resp: 153557
Ion Ratio Lower Upper
168 100
99 64.8 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.195 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.029 min
Lab File: VN084132.D
Acq: 24 Sep 2024 14:19

Tgt Ion:101 Resp: 17930
Ion Ratio Lower Upper
101 100
85 44.5 36.2 54.4
151 70.0 57.7 86.5

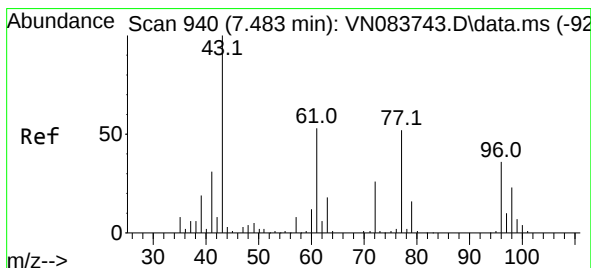
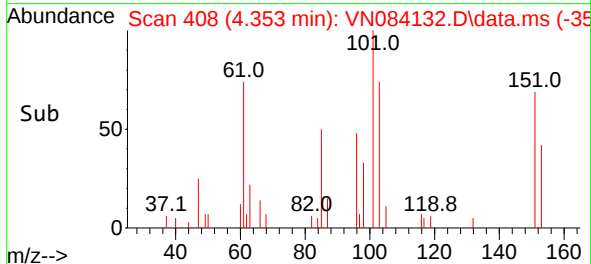
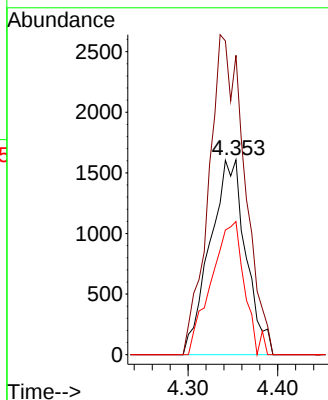
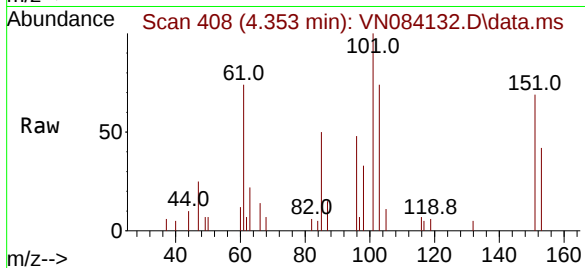




#12
 1,1-Dichloroethene
 Concen: 2.686 ug/l
 RT: 4.353 min Scan# 408
 Delta R.T. 0.024 min
 Lab File: VN084132.D
 Acq: 24 Sep 2024 14:19

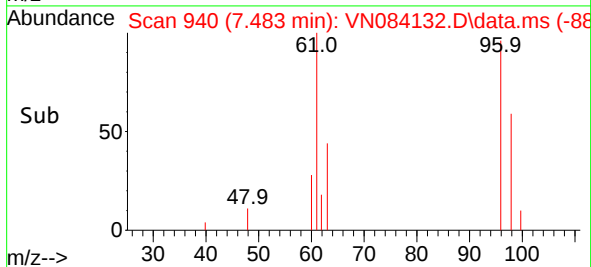
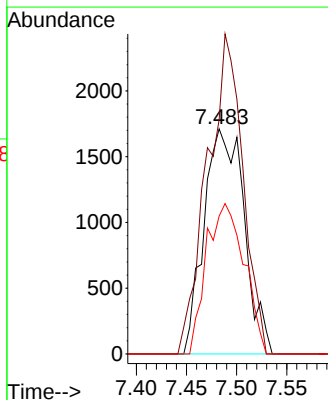
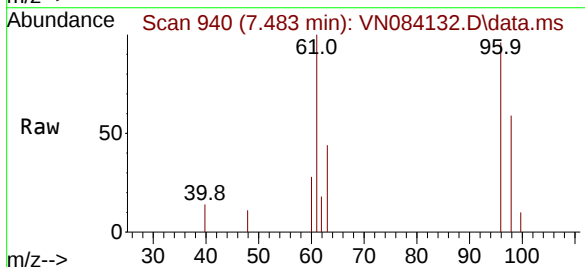
Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D2-20240916

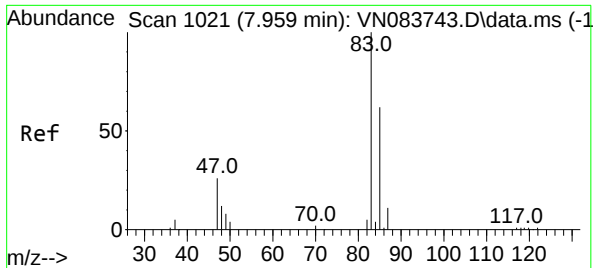
Tgt Ion: 96 Resp: 4461
 Ion Ratio Lower Upper
 96 100
 61 153.6 143.4 215.0
 98 68.3 52.7 79.1



#27
 cis-1,2-Dichloroethene
 Concen: 2.257 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN084132.D
 Acq: 24 Sep 2024 14:19

Tgt Ion: 96 Resp: 4770
 Ion Ratio Lower Upper
 96 100
 61 125.9 0.0 306.2
 98 63.0 0.0 128.6

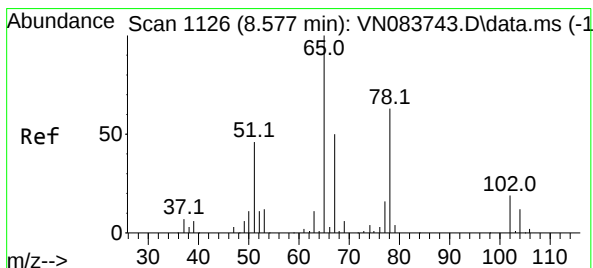
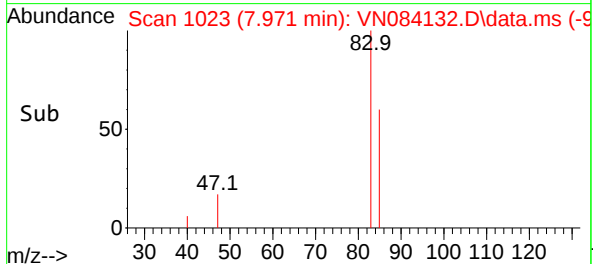
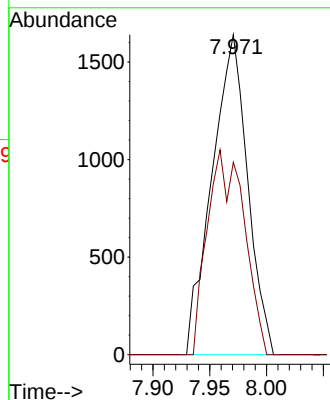
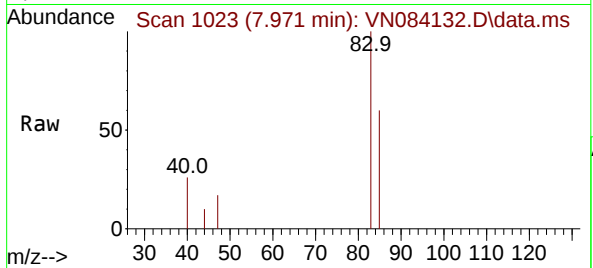




#30
Chloroform
Concen: 0.959 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.012 min
Lab File: VN084132.D
Acq: 24 Sep 2024 14:19

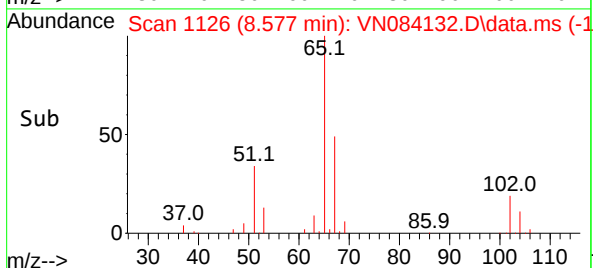
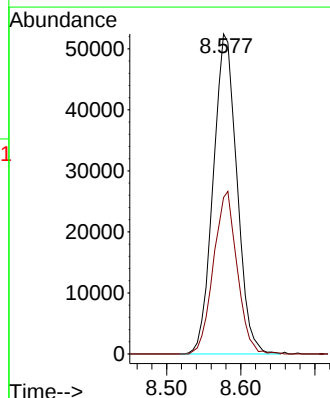
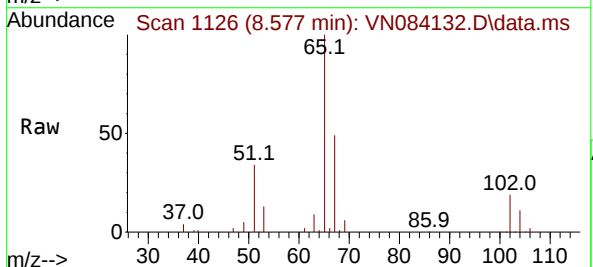
Instrument :
MSVOA_N
ClientSampleId :
RE122D2-20240916

Tgt Ion: 83 Resp: 3575
Ion Ratio Lower Upper
83 100
85 60.1 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 50.354 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084132.D
Acq: 24 Sep 2024 14:19

Tgt Ion: 65 Resp: 116590
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084132.D

Acq: 24 Sep 2024 14:19

Instrument :

MSVOA_N

ClientSampleId :

RE122D2-20240916

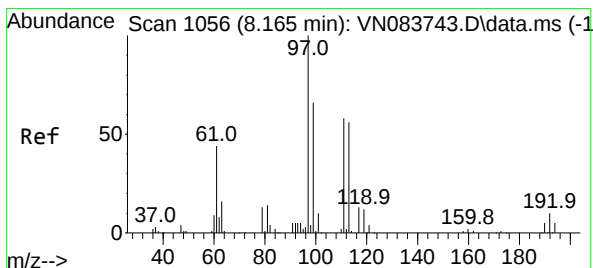
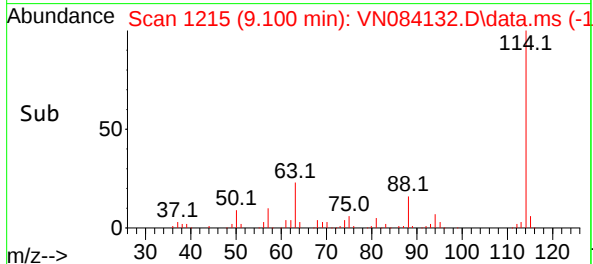
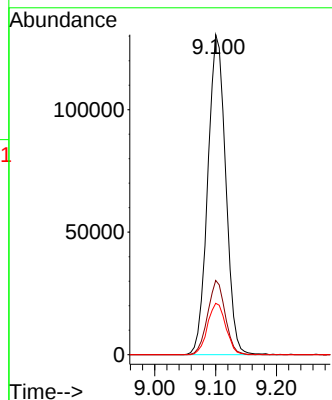
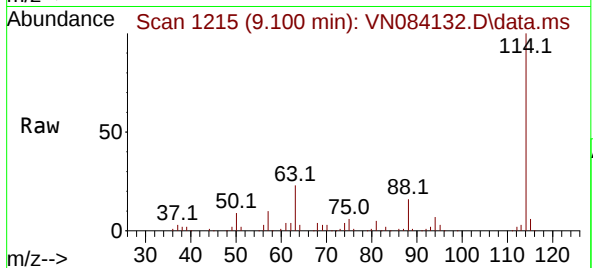
Tgt Ion:114 Resp: 266847

Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.4

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.640 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084132.D

Acq: 24 Sep 2024 14:19

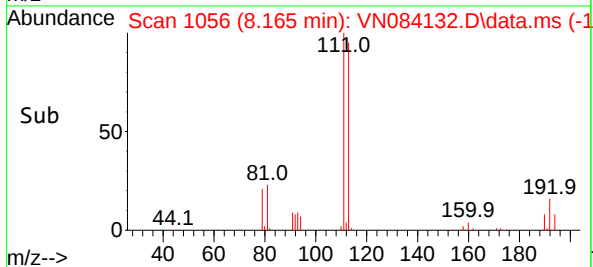
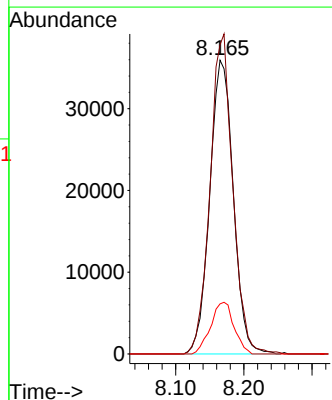
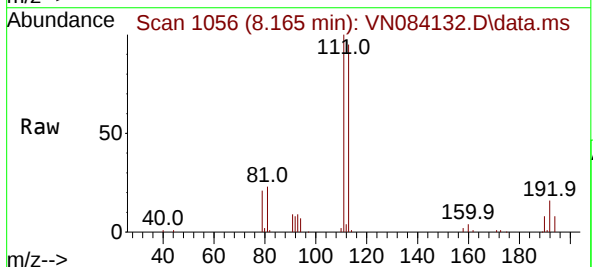
Tgt Ion:113 Resp: 86509

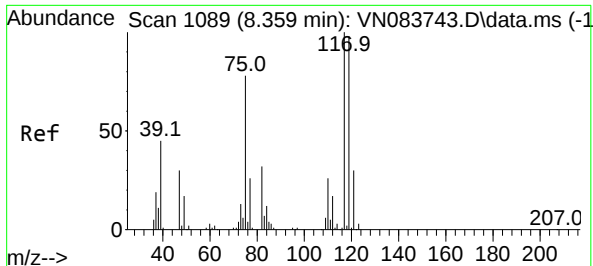
Ion Ratio Lower Upper

113 100

111 104.7 82.6 124.0

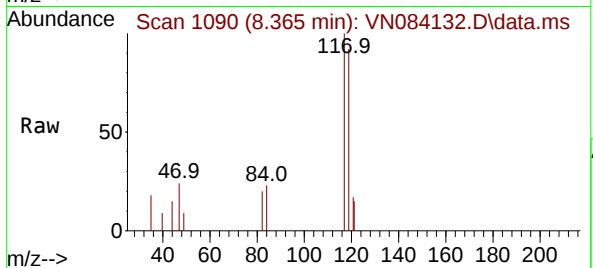
192 17.4 14.3 21.5



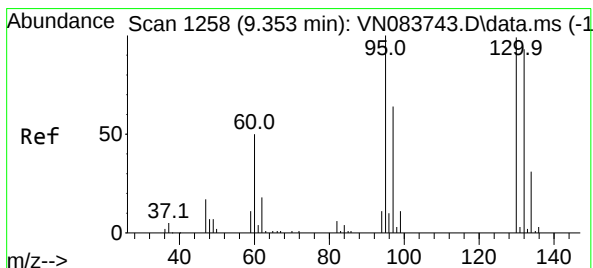
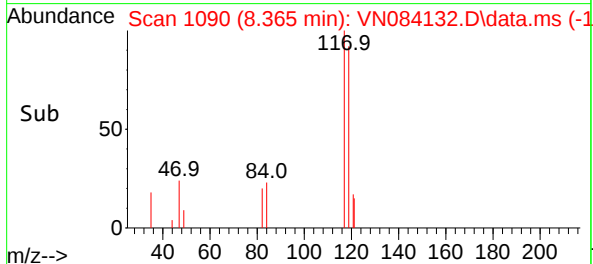
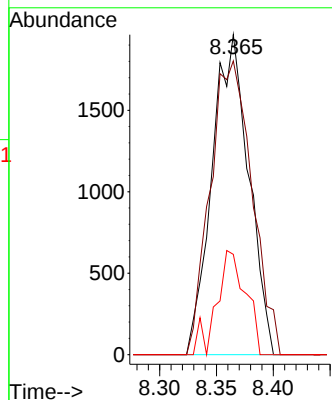


#38
Carbon Tetrachloride
Concen: 1.512 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN084132.D
Acq: 24 Sep 2024 14:19

Instrument :
MSVOA_N
ClientSampleId :
RE122D2-20240916

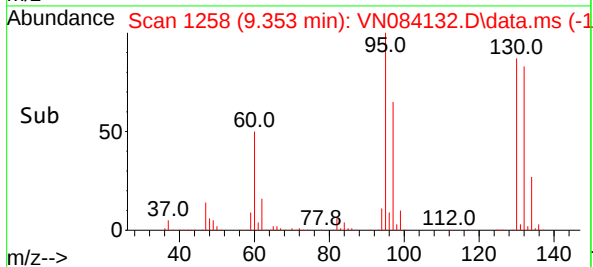
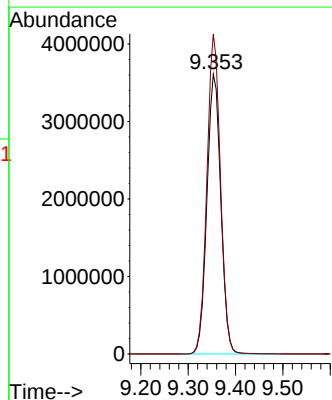
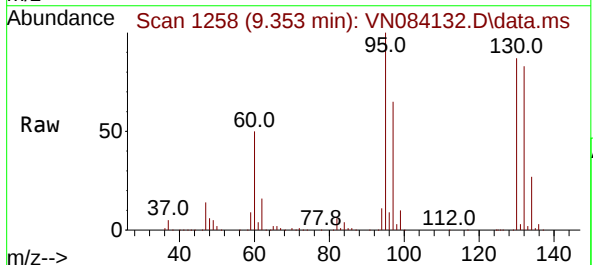


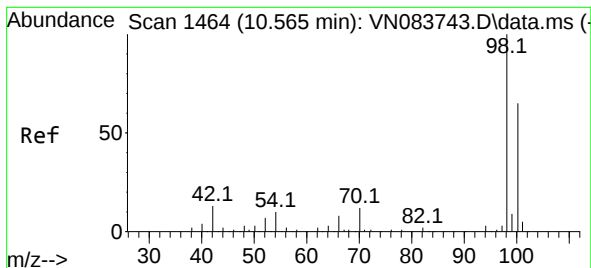
Tgt Ion:117 Resp: 4411
Ion Ratio Lower Upper
117 100
119 91.8 76.1 114.1
121 31.4 24.1 36.1



#44
Trichloroethene
Concen: 4100.105 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN084132.D
Acq: 24 Sep 2024 14:19

Tgt Ion:130 Resp: 7348170
Ion Ratio Lower Upper
130 100
95 114.3 0.0 200.4





#50

Toluene-d8

Concen: 55.472 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084132.D

Acq: 24 Sep 2024 14:19

Instrument :

MSVOA_N

ClientSampleId :

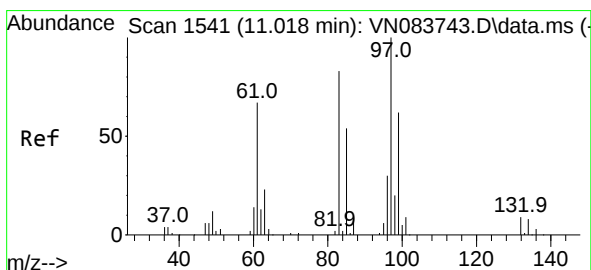
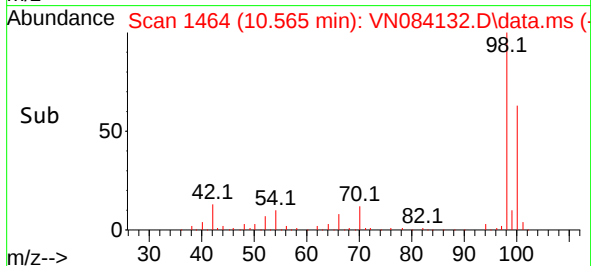
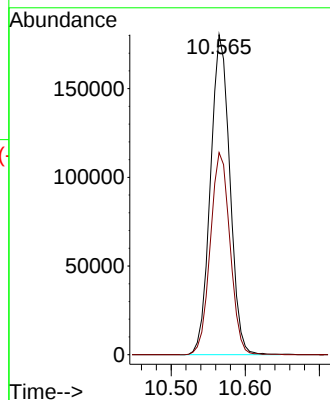
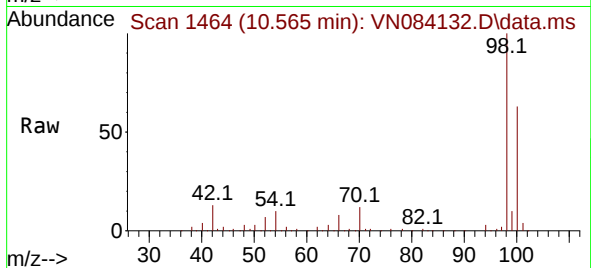
RE122D2-20240916

Tgt Ion: 98 Resp: 327602

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#55

1,1,2-Trichloroethane

Concen: 1.290 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN084132.D

Acq: 24 Sep 2024 14:19

Tgt Ion: 97 Resp: 2279

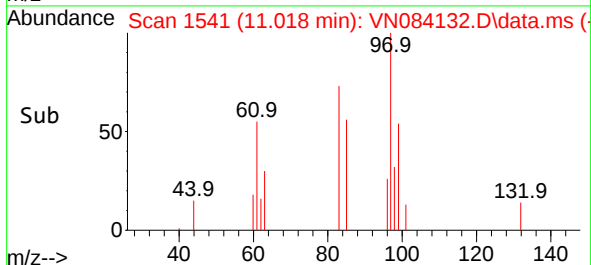
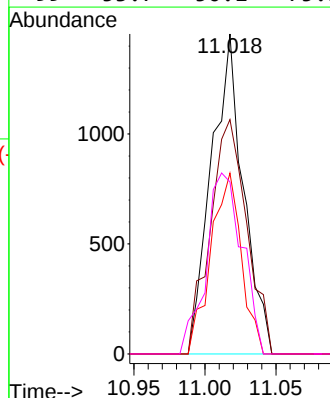
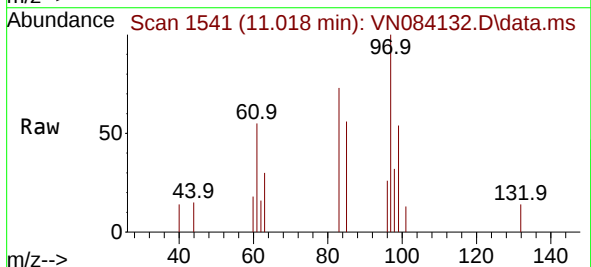
Ion Ratio Lower Upper

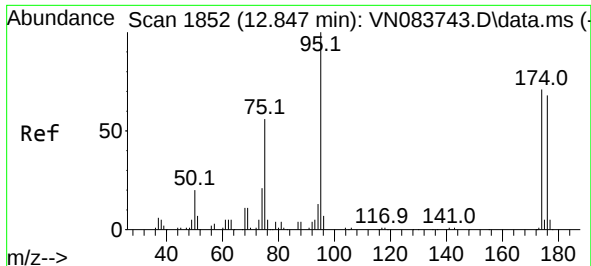
97 100

83 73.3 67.5 101.3

85 56.5 44.2 66.2

99 53.7 50.1 75.1

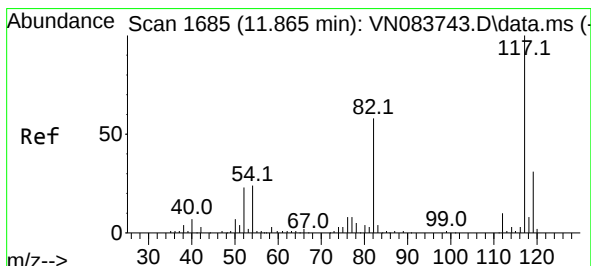
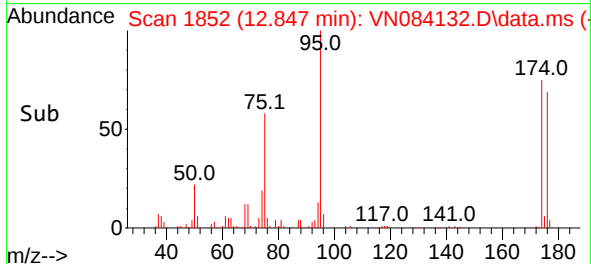
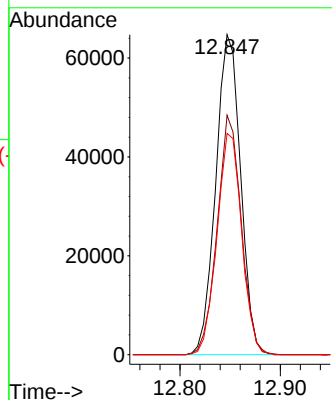
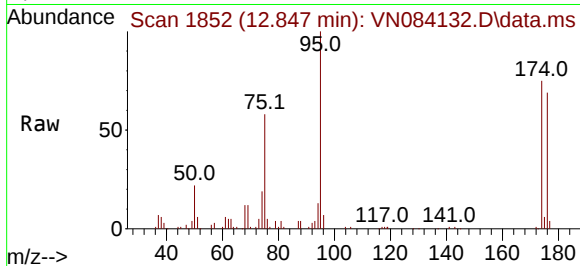




#62
4-Bromofluorobenzene
Concen: 45.714 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084132.D
Acq: 24 Sep 2024 14:19

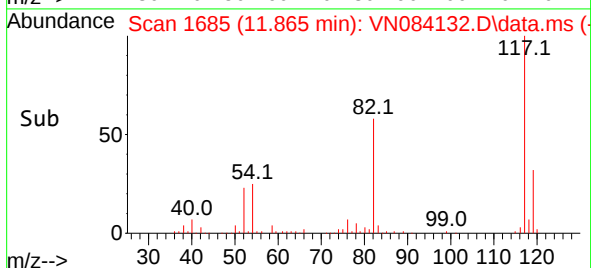
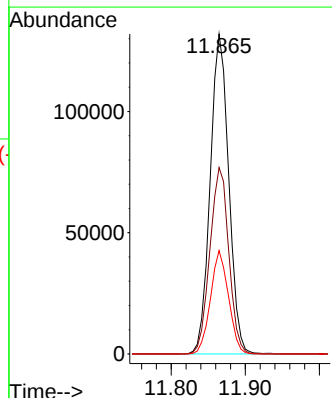
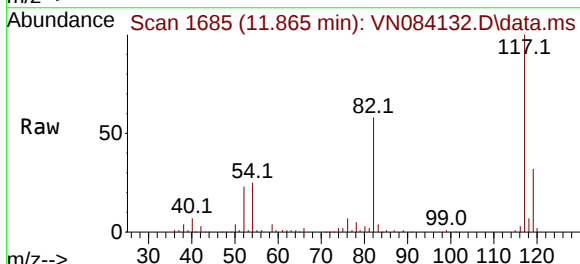
Instrument :
MSVOA_N
ClientSampleId :
RE122D2-20240916

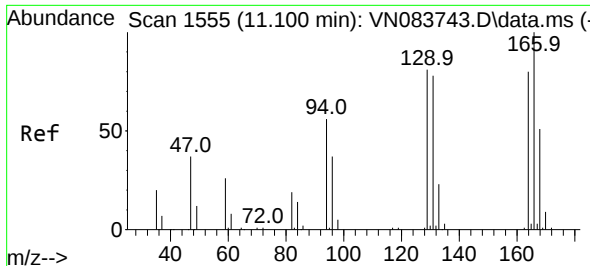
Tgt Ion: 95 Resp: 111385
Ion Ratio Lower Upper
95 100
174 72.6 0.0 139.8
176 68.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084132.D
Acq: 24 Sep 2024 14:19

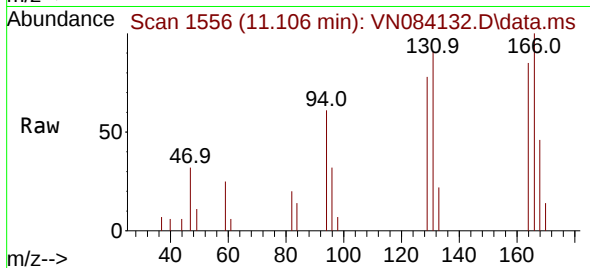
Tgt Ion: 117 Resp: 228792
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.0
119 32.3 26.3 39.5



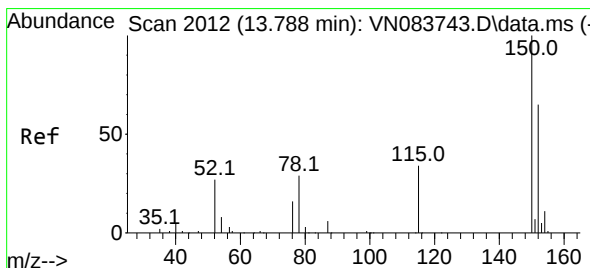
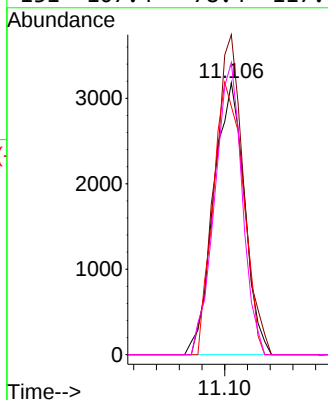
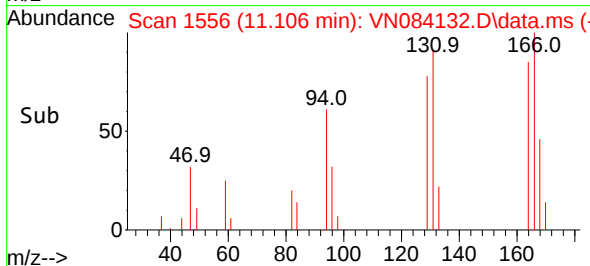


#64
Tetrachloroethene
Concen: 3.945 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084132.D
Acq: 24 Sep 2024 14:19

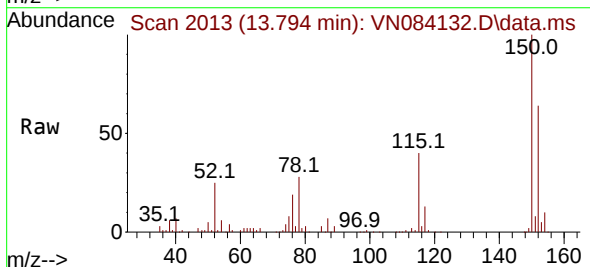
Instrument :
MSVOA_N
ClientSampleId :
RE122D2-20240916



Tgt Ion:164 Resp: 6002
Ion Ratio Lower Upper
164 100
166 117.7 103.7 155.5
129 91.3 79.9 119.9
131 107.4 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: VN084132.D
Acq: 24 Sep 2024 14:19



Tgt Ion:152 Resp: 92543
Ion Ratio Lower Upper
152 100
115 64.5 32.2 96.6
150 158.5 0.0 348.6

