

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084143.D
 Acq On : 24 Sep 2024 18:43
 Operator : JC\MD
 Sample : P4116-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D1-20240918

Quant Time: Sep 25 01:39:14 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)

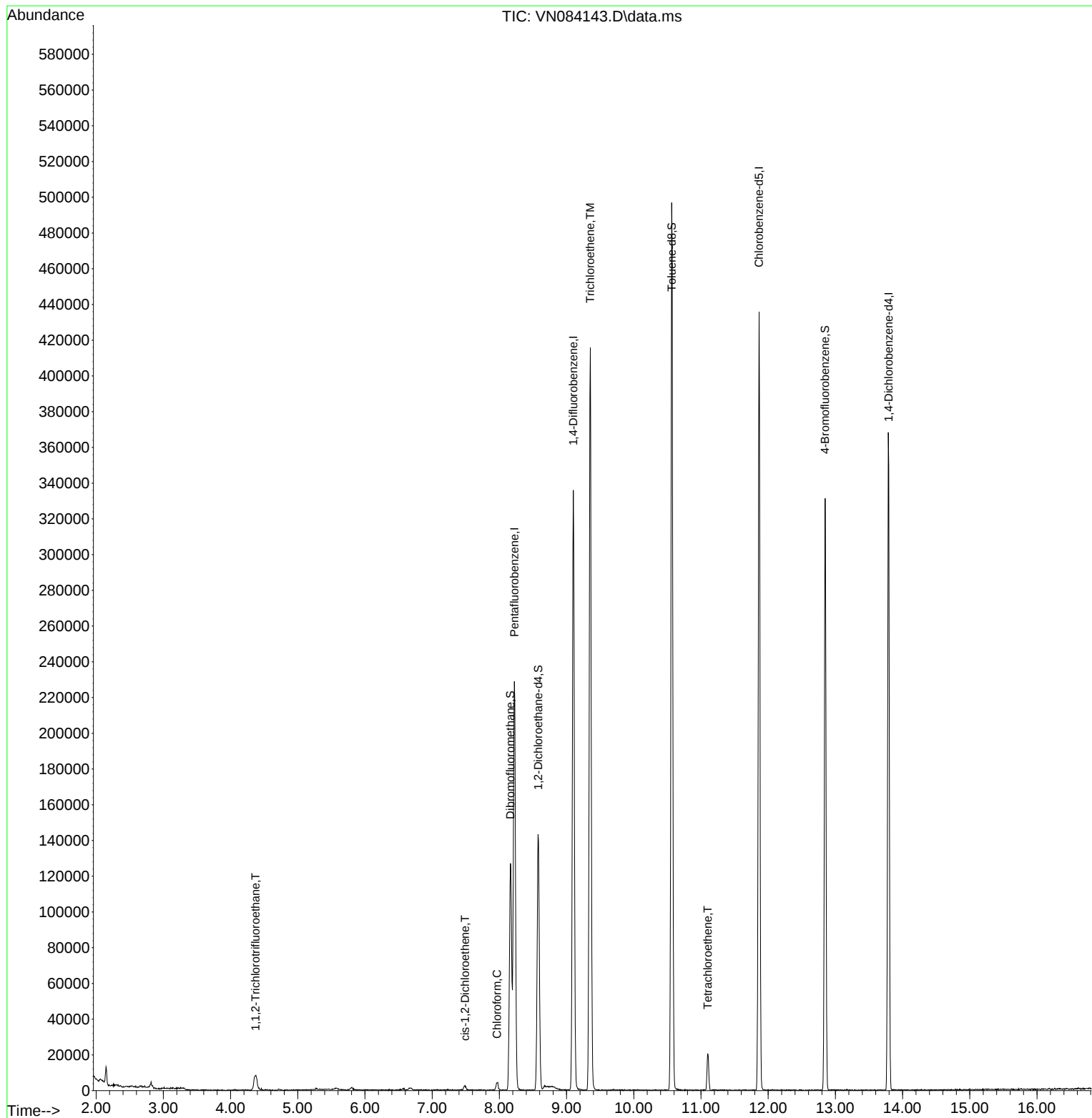
Internal Standards						
1) Pentafluorobenzene	8.224	168	156382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122798	52.077	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.160%	
35) Dibromofluoromethane	8.165	113	91856	52.166	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.340%	
50) Toluene-d8	10.565	98	334361	54.928	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.860%	
62) 4-Bromofluorobenzene	12.847	95	112893	44.951	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 89.900%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.371	101	6831	3.814	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	1674	0.778	ug/l	84
30) Chloroform	7.965	83	4905	1.293	ug/l #	74
44) Trichloroethene	9.353	130	140656	76.142	ug/l	95
64) Tetrachloroethene	11.100	164	4766	3.063	ug/l	90

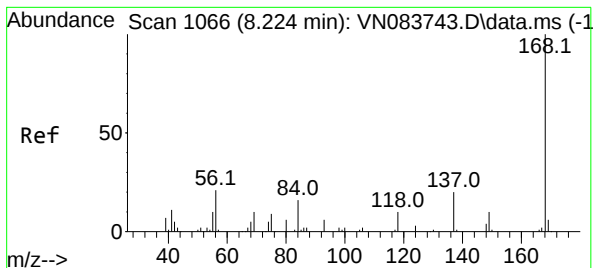
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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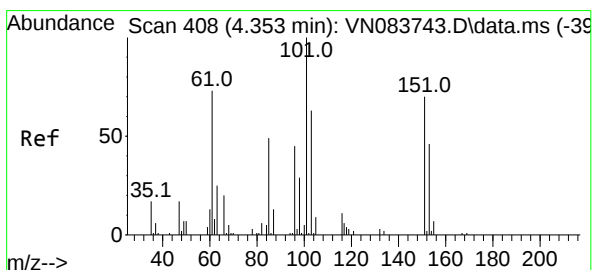
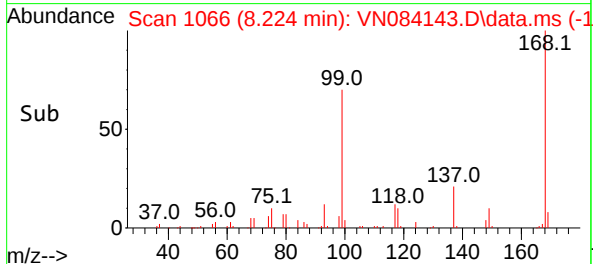
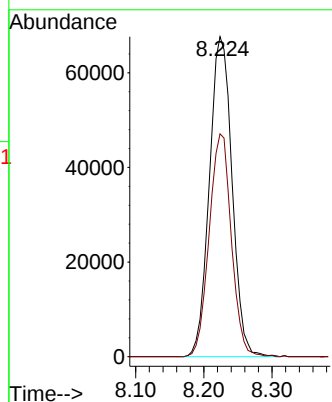
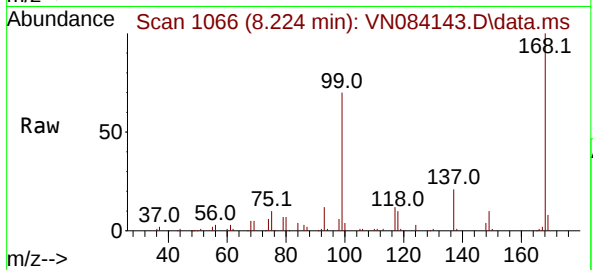




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084143.D
Acq: 24 Sep 2024 18:43

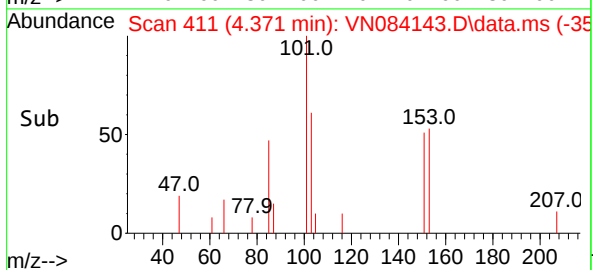
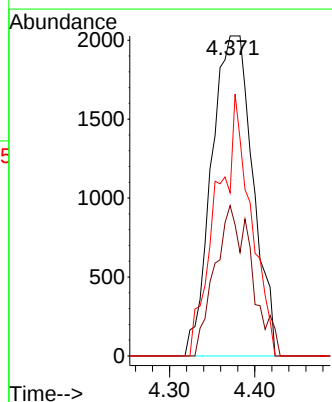
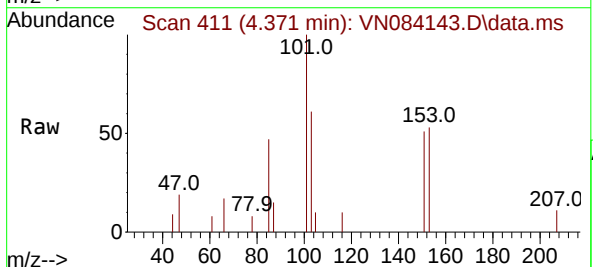
Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20240918

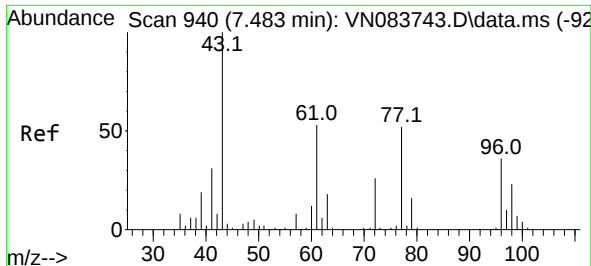
Tgt Ion:168 Resp: 156382
Ion Ratio Lower Upper
168 100
99 69.7 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.814 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084143.D
Acq: 24 Sep 2024 18:43

Tgt Ion:101 Resp: 6831
Ion Ratio Lower Upper
101 100
85 42.1 36.2 54.4
151 67.5 57.7 86.5



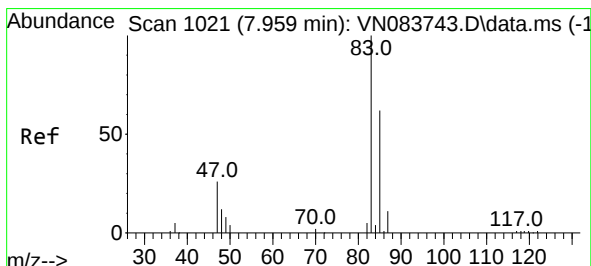
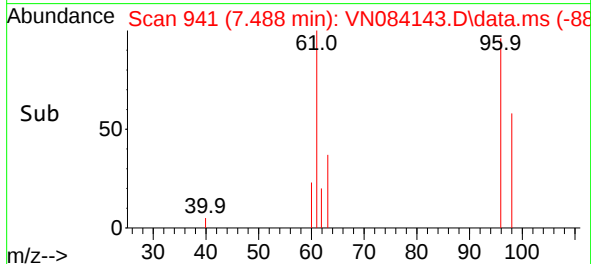
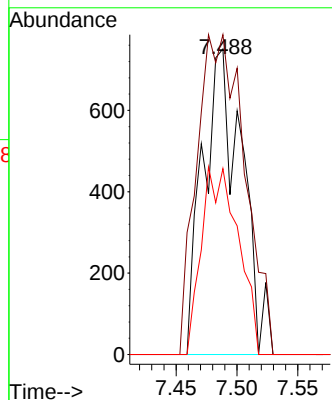
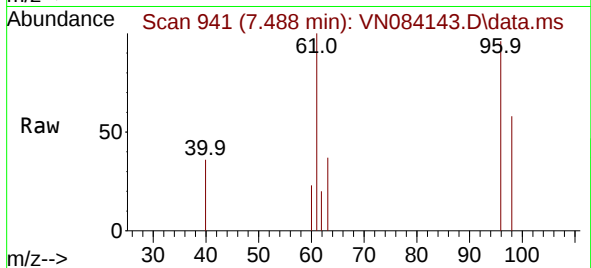


#27
 cis-1,2-Dichloroethene
 Concen: 0.778 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN084143.D
 Acq: 24 Sep 2024 18:43

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D1-20240918

Tgt Ion: 96 Resp: 1674

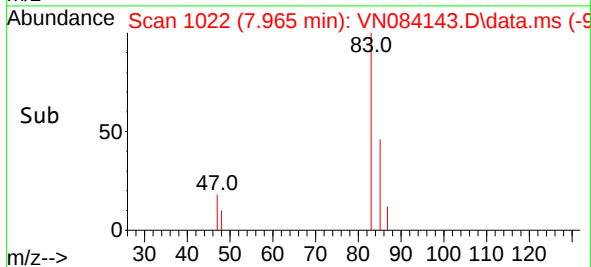
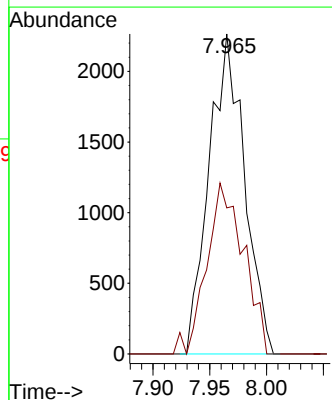
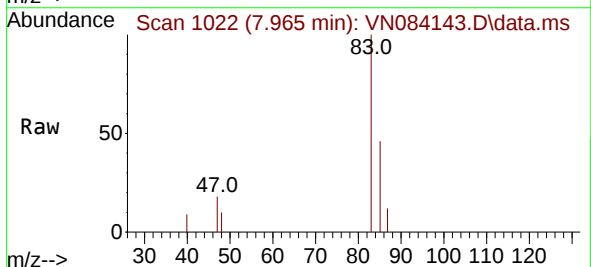
Ion	Ratio	Lower	Upper
96	100		
61	128.7	0.0	306.2
98	57.7	0.0	128.6

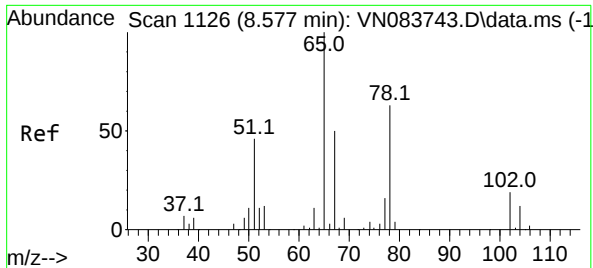


#30
 Chloroform
 Concen: 1.293 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. 0.006 min
 Lab File: VN084143.D
 Acq: 24 Sep 2024 18:43

Tgt Ion: 83 Resp: 4905

Ion	Ratio	Lower	Upper
83	100		
85	45.7	52.8	79.2#





#33

1,2-Dichloroethane-d4

Concen: 52.077 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084143.D

Acq: 24 Sep 2024 18:43

Instrument :

MSVOA_N

ClientSampleId :

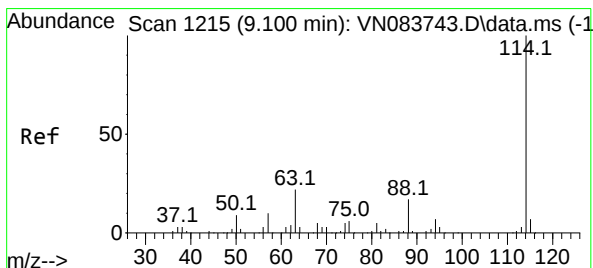
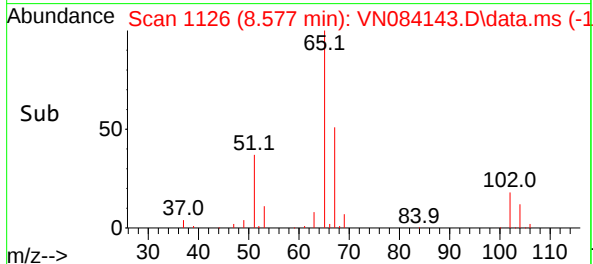
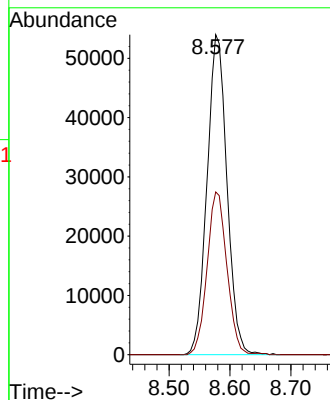
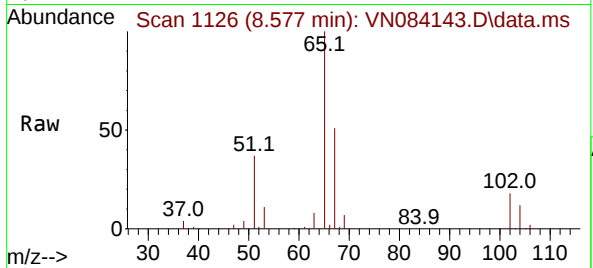
RE132D1-20240918

Tgt Ion: 65 Resp: 122798

Ion Ratio Lower Upper

65 100

67 50.6 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: VN084143.D

Acq: 24 Sep 2024 18:43

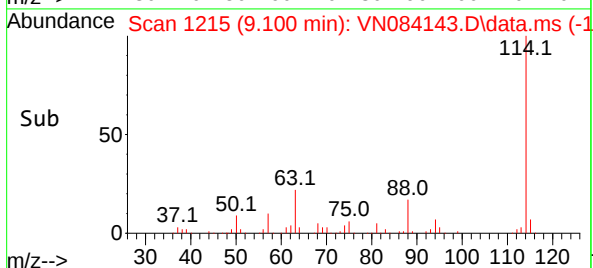
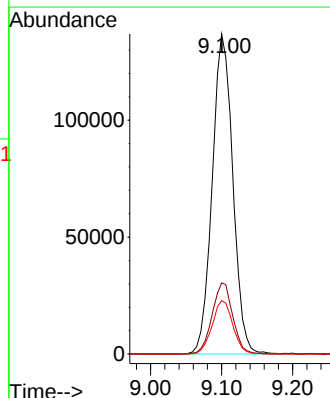
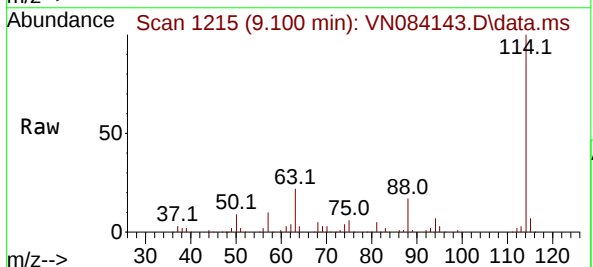
Tgt Ion: 114 Resp: 275050

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

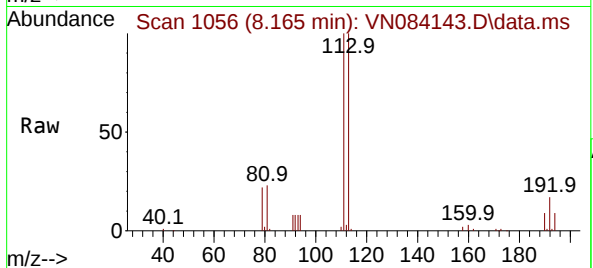
88 16.6 0.0 32.6



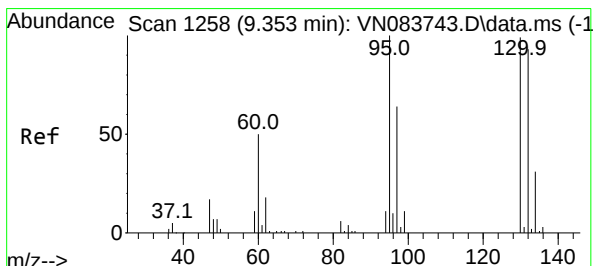
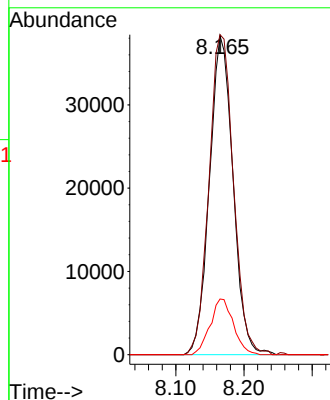
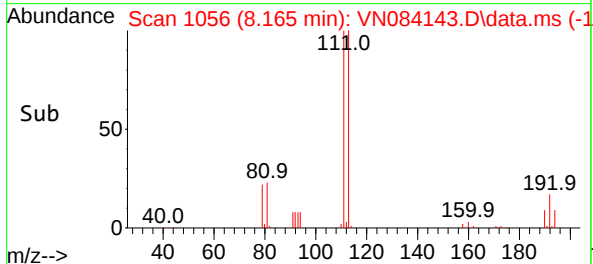


#35
Dibromofluoromethane
Concen: 52.166 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084143.D
Acq: 24 Sep 2024 18:43

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20240918

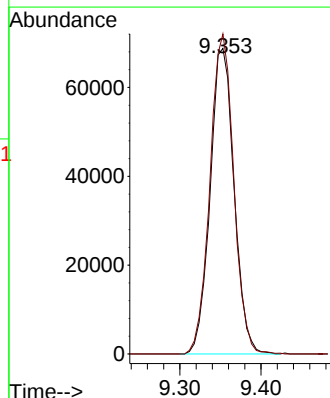
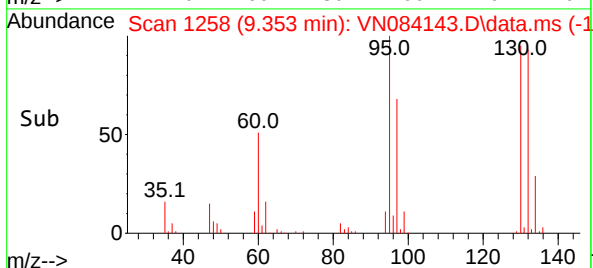
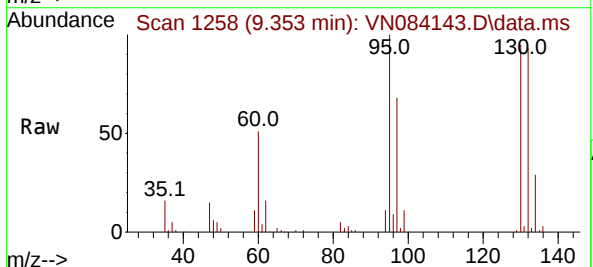


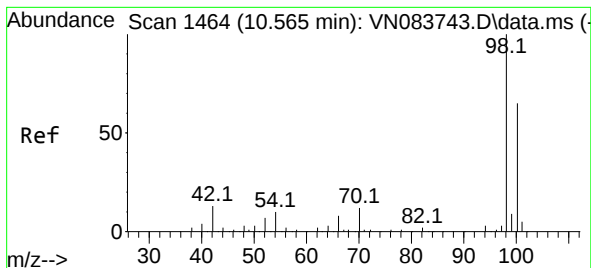
Tgt Ion:113 Resp: 91856
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 17.3 14.3 21.5



#44
Trichloroethene
Concen: 76.142 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN084143.D
Acq: 24 Sep 2024 18:43

Tgt Ion:130 Resp: 140656
Ion Ratio Lower Upper
130 100
95 104.7 0.0 200.4

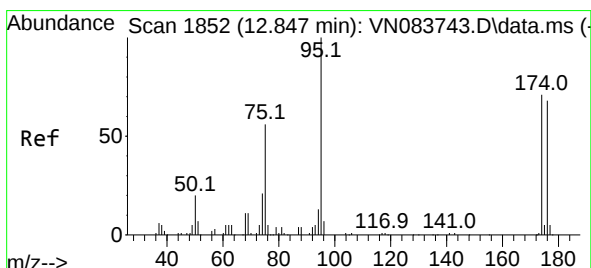
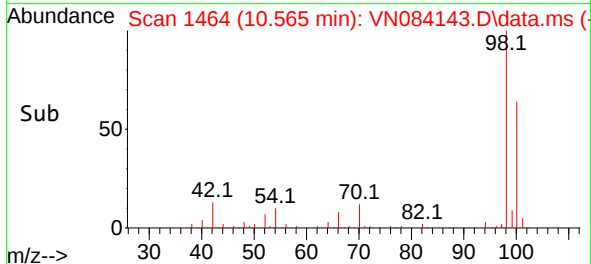
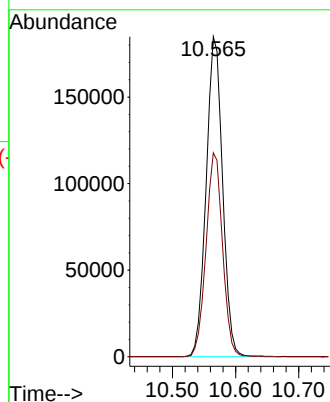
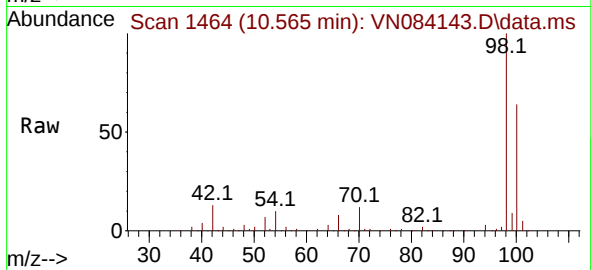




#50
Toluene-d8
Concen: 54.928 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084143.D
Acq: 24 Sep 2024 18:43

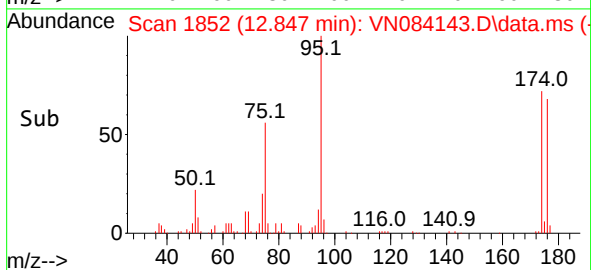
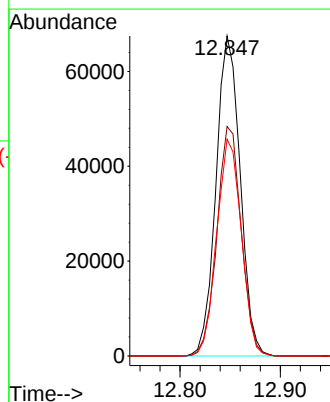
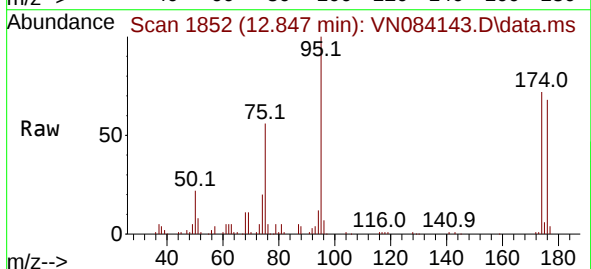
Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20240918

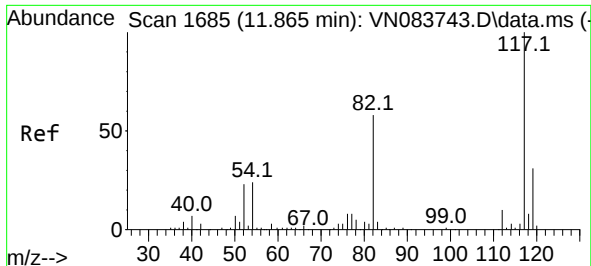
Tgt Ion: 98 Resp: 334361
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.951 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084143.D
Acq: 24 Sep 2024 18:43

Tgt Ion: 95 Resp: 112893
Ion Ratio Lower Upper
95 100
174 72.0 0.0 139.8
176 68.8 0.0 131.4

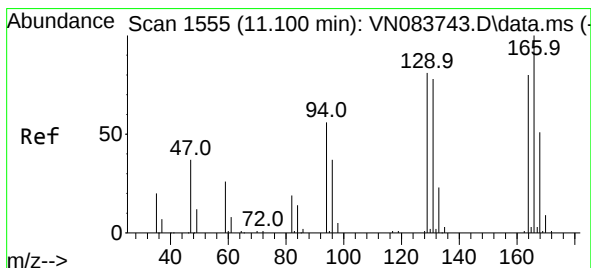
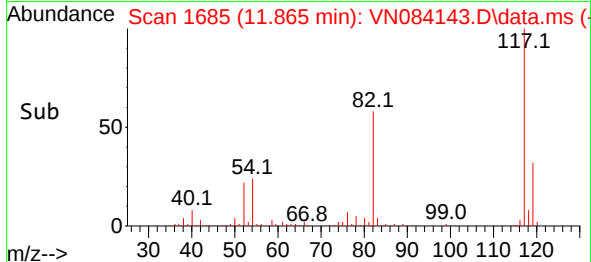
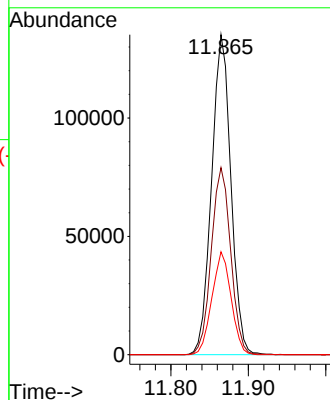
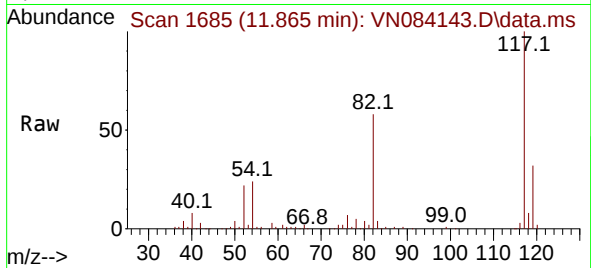




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084143.D
Acq: 24 Sep 2024 18:43

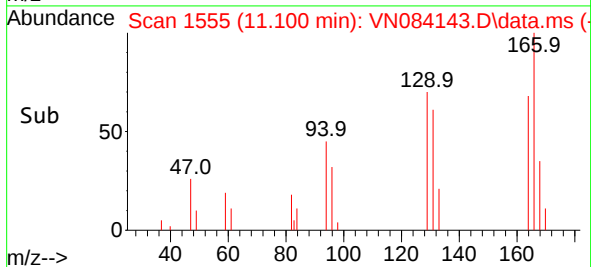
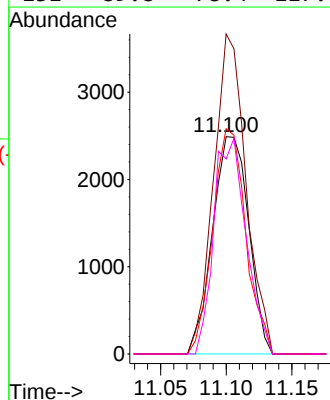
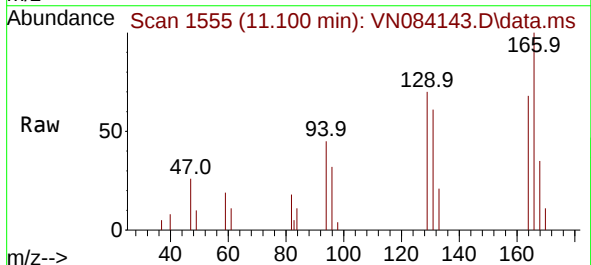
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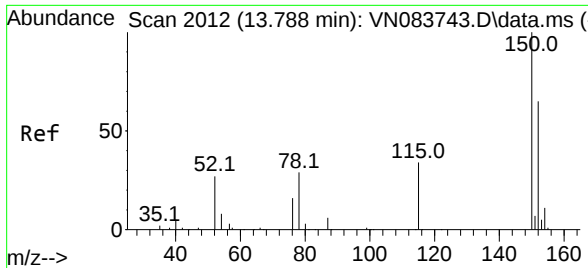
Tgt Ion:117 Resp: 233960
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.0
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 3.063 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084143.D
Acq: 24 Sep 2024 18:43

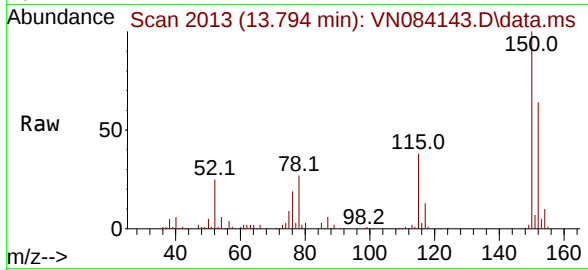
Tgt Ion:164 Resp: 4766
Ion Ratio Lower Upper
164 100
166 147.3 103.7 155.5
129 103.7 79.9 119.9
131 89.8 78.4 117.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084143.D
 Acq: 24 Sep 2024 18:43

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D1-20240918



Tgt Ion:	152	Resp:	94428
Ion	Ratio	Lower	Upper
152	100		
115	63.8	32.2	96.6
150	157.5	0.0	348.6

