

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085170.D
 Acq On : 10 Dec 2024 16:53
 Operator : JC\MD
 Sample : P5240-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OF-2

Quant Time: Dec 11 04:18:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

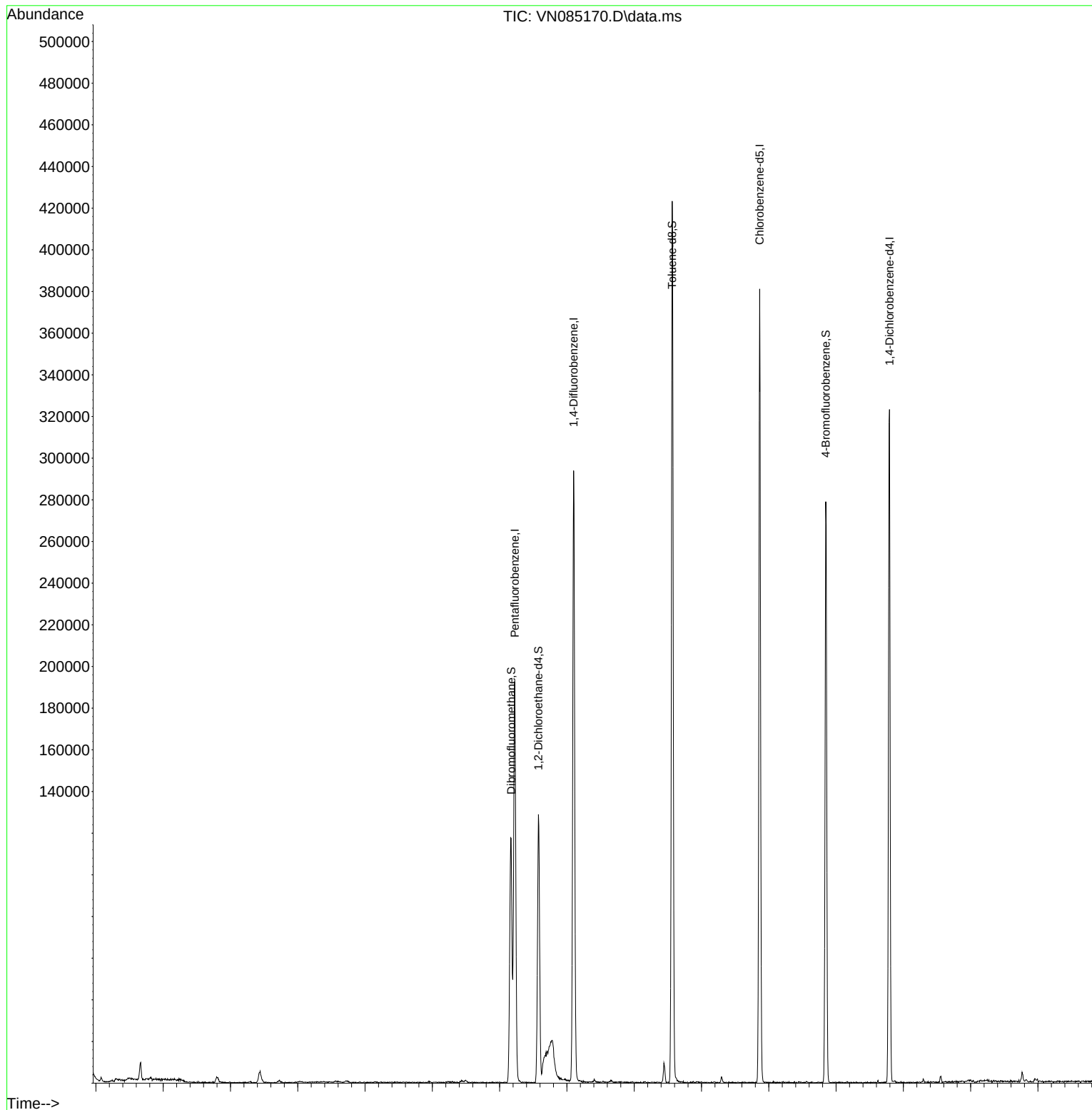
Internal Standards						
1) Pentafluorobenzene	8.224	168	134322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	208512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	105316	55.044	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.080%	
35) Dibromofluoromethane	8.171	113	84640	49.945	ug/l	0.01
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.900%	
50) Toluene-d8	10.565	98	287731	47.377	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	94.760%	
62) 4-Bromofluorobenzene	12.847	95	96845	42.641	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	85.280%	
Target Compounds						
16) Acetone	4.441	43	10225	18.350	ug/l #	88
25) 2-Butanone	7.494	43	2078	2.281	ug/l #	71
51) 4-Methyl-2-Pentanone	10.441	43	6529	3.298	ug/l #	86

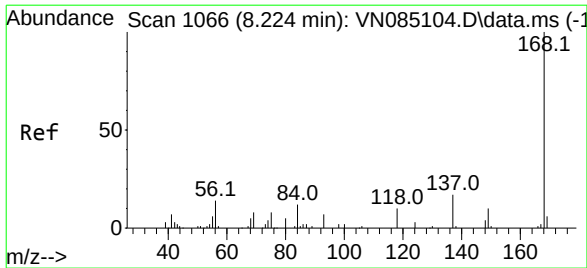
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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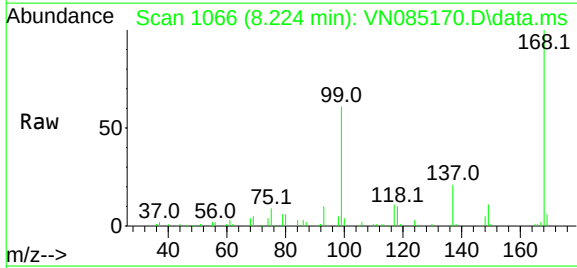
Quant Time: Dec 11 04:18:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
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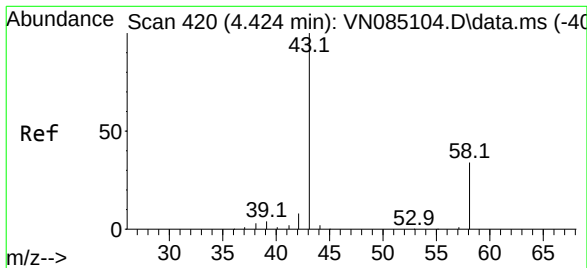
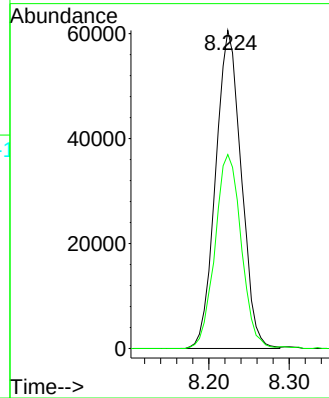
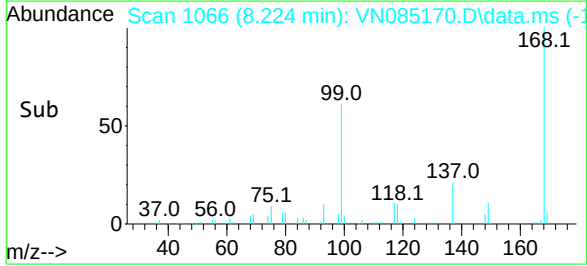


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
OF-2

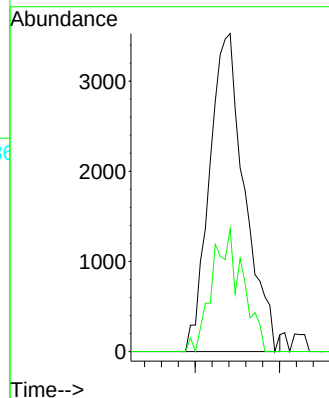
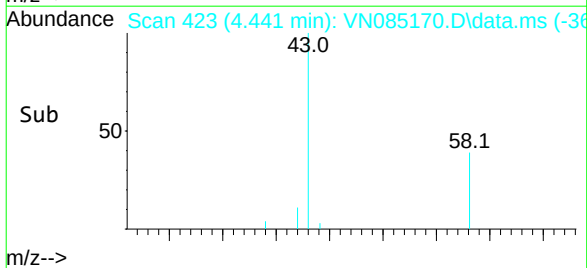
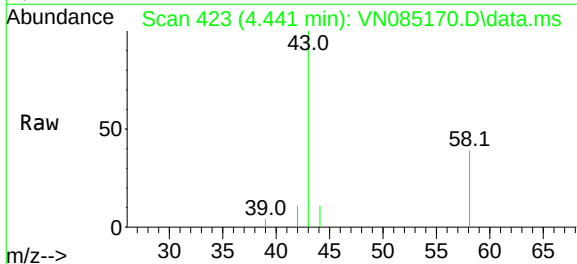


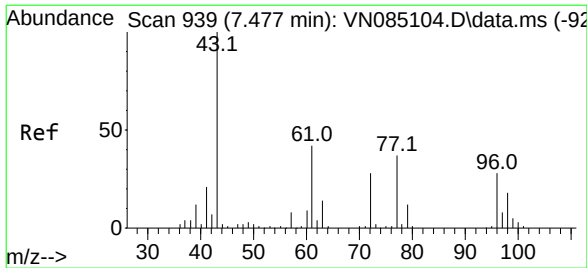
Tgt Ion:168 Resp: 134322
Ion Ratio Lower Upper
168 100
99 61.0 51.2 76.8



#16
Acetone
Concen: 18.350 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.017 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

Tgt Ion: 43 Resp: 10225
Ion Ratio Lower Upper
43 100
58 38.6 25.4 38.2#

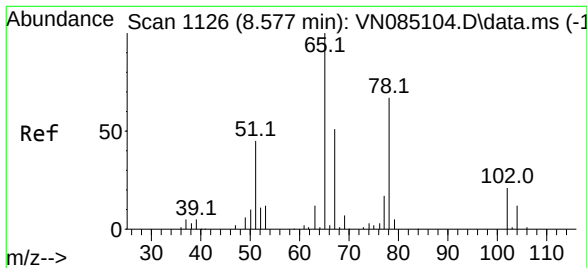
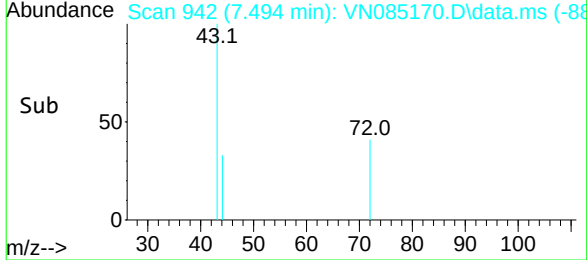
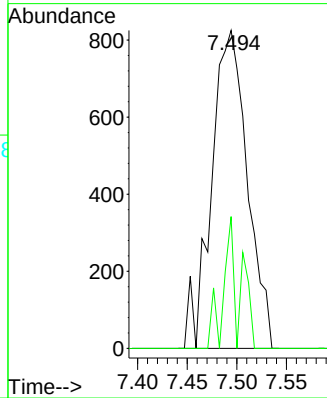
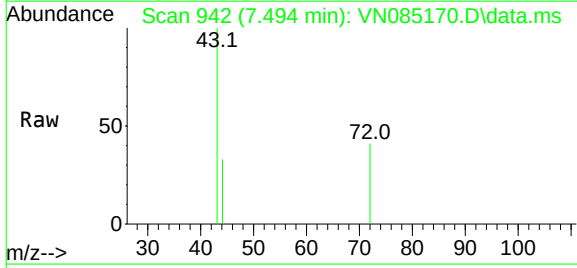




#25
2-Butanone
Concen: 2.281 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

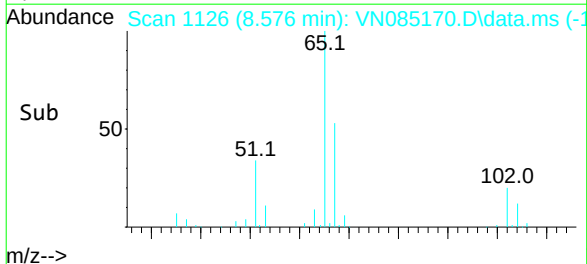
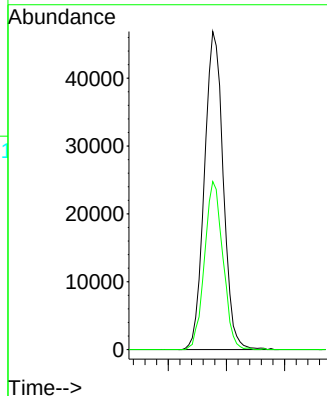
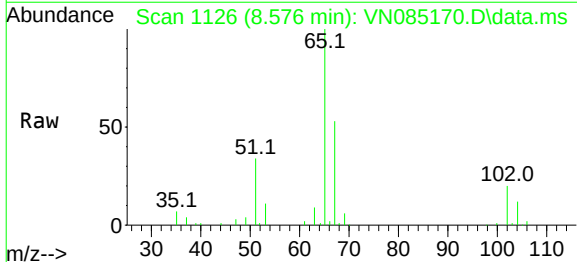
Instrument :
MSVOA_N
ClientSampleId :
OF-2

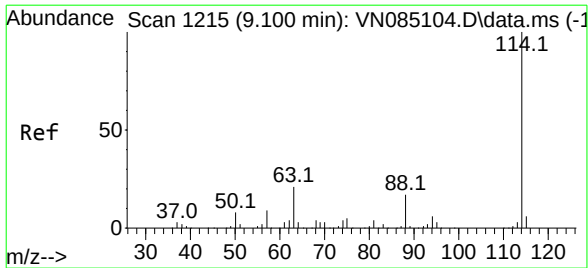
Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
72 41.5 21.4 32.0#



#33
1,2-Dichloroethane-d4
Concen: 55.044 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

Tgt Ion: 65 Resp: 105316
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0

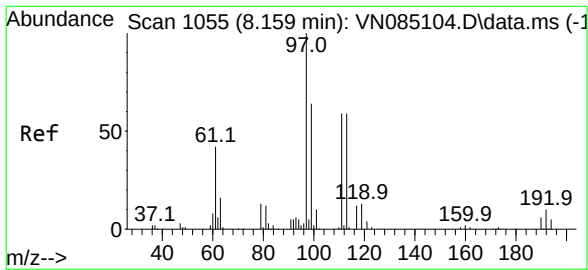
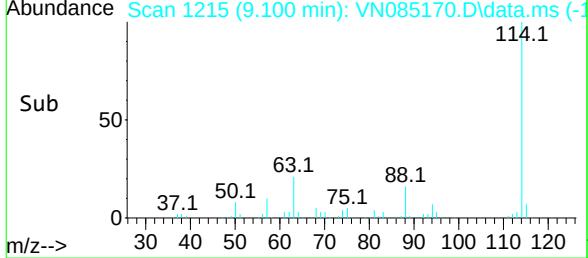
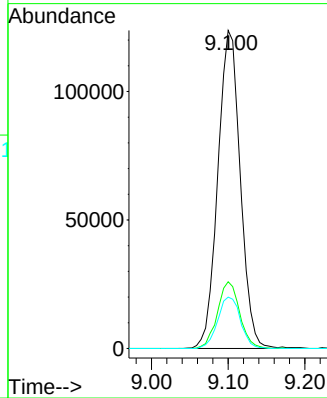
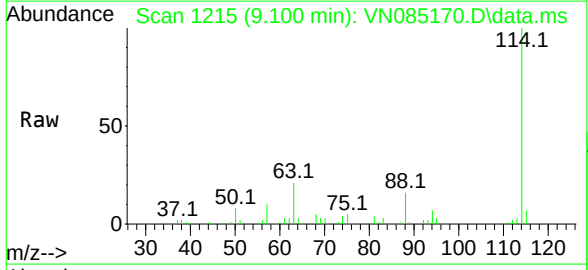




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

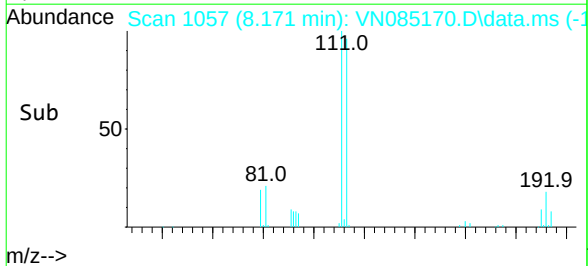
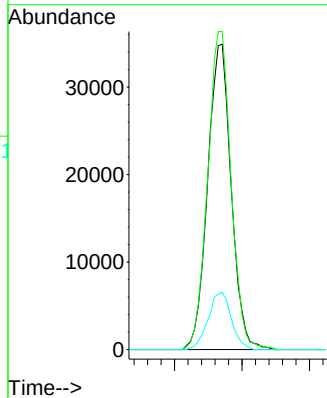
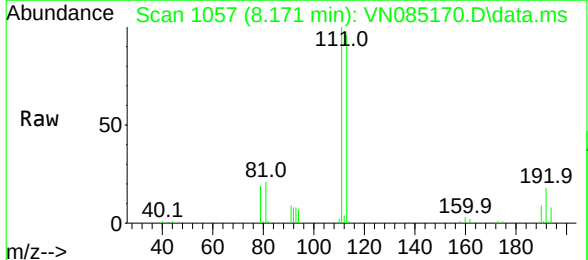
Instrument :
MSVOA_N
ClientSampleId :
OF-2

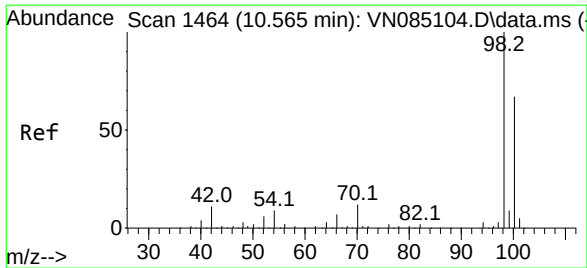
Tgt Ion:	114	Resp:	251295
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.0
88	16.2	0.0	34.8



#35
Dibromofluoromethane
Concen: 49.945 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

Tgt Ion:	113	Resp:	84640
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.0	123.0
192	18.5	14.8	22.2





#50

Toluene-d8

Concen: 47.377 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085170.D

Acq: 10 Dec 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

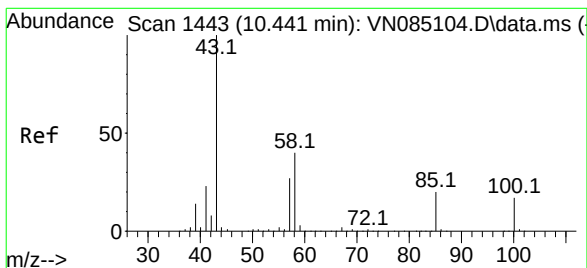
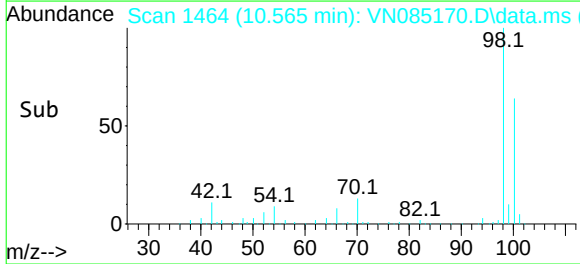
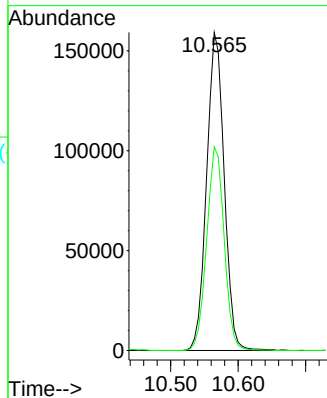
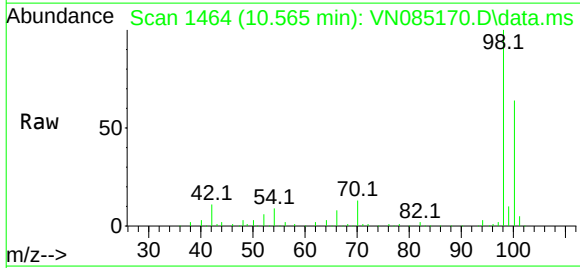
OF-2

Tgt Ion: 98 Resp: 287731

Ion Ratio Lower Upper

98 100

100 63.8 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 3.298 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN085170.D

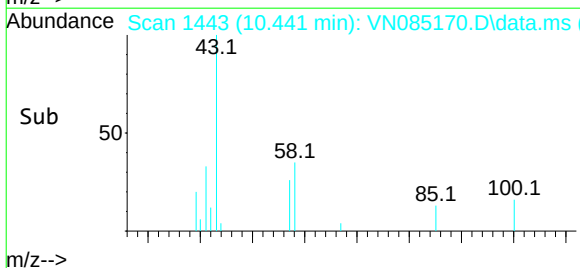
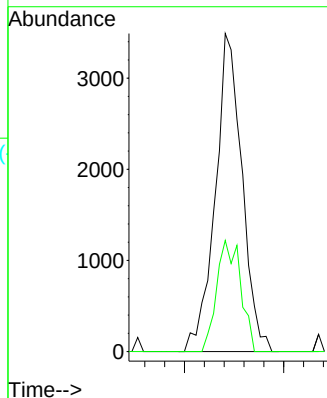
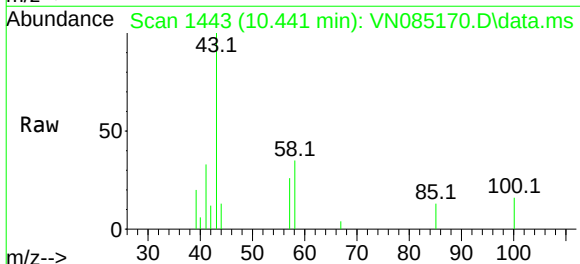
Acq: 10 Dec 2024 16:53

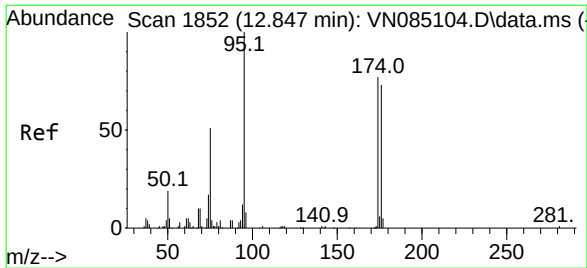
Tgt Ion: 43 Resp: 6529

Ion Ratio Lower Upper

43 100

58 31.3 32.1 48.1#

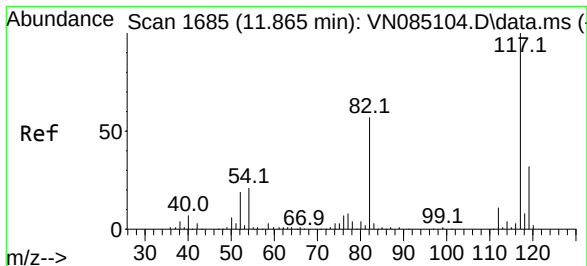
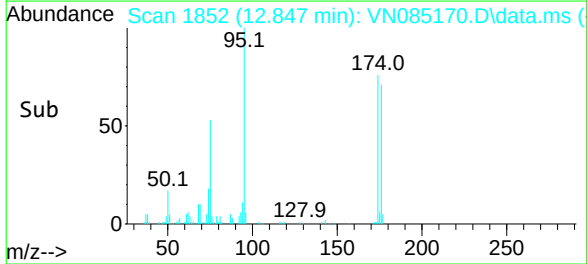
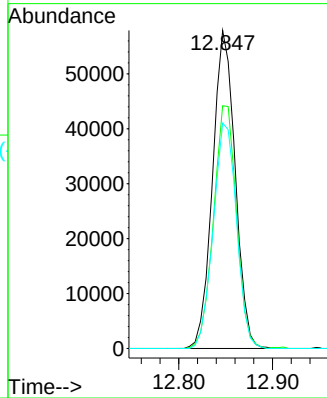
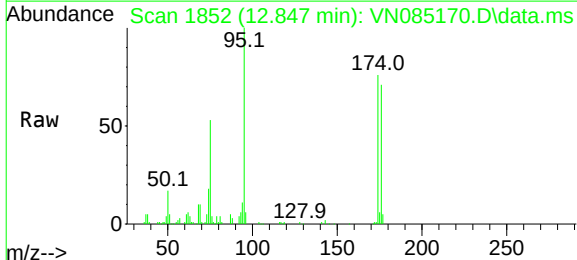




#62
4-Bromofluorobenzene
Concen: 42.641 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

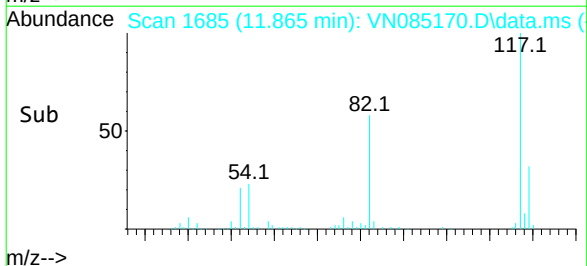
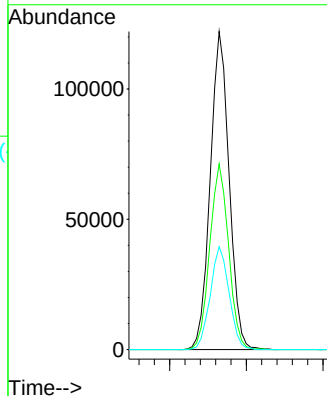
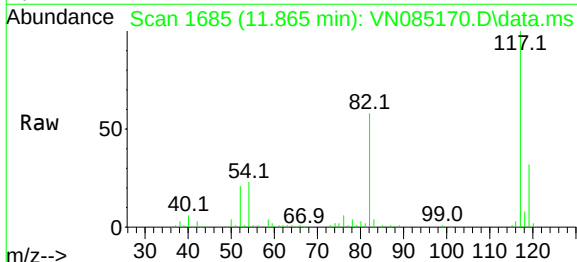
Instrument :
MSVOA_N
ClientSampleId :
OF-2

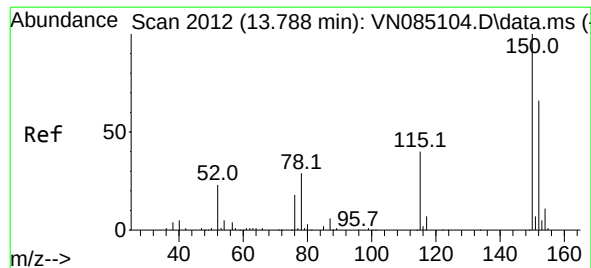
Tgt Ion:	95	Resp:	96845
Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	146.6
176	73.1	0.0	141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085170.D
Acq: 10 Dec 2024 16:53

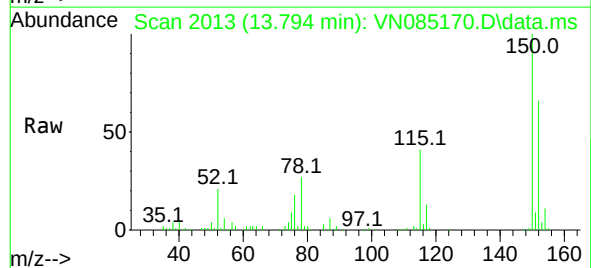
Tgt Ion:	117	Resp:	208512
Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.0	69.0
119	32.3	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085170.D
 Acq: 10 Dec 2024 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 OF-2



Tgt Ion:	152	Resp:	88019
Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.7	95.1
150	157.1	0.0	351.4

