

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085171.D
 Acq On : 10 Dec 2024 17:17
 Operator : JC\MD
 Sample : P5240-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OF-3

Quant Time: Dec 11 04:18:43 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)

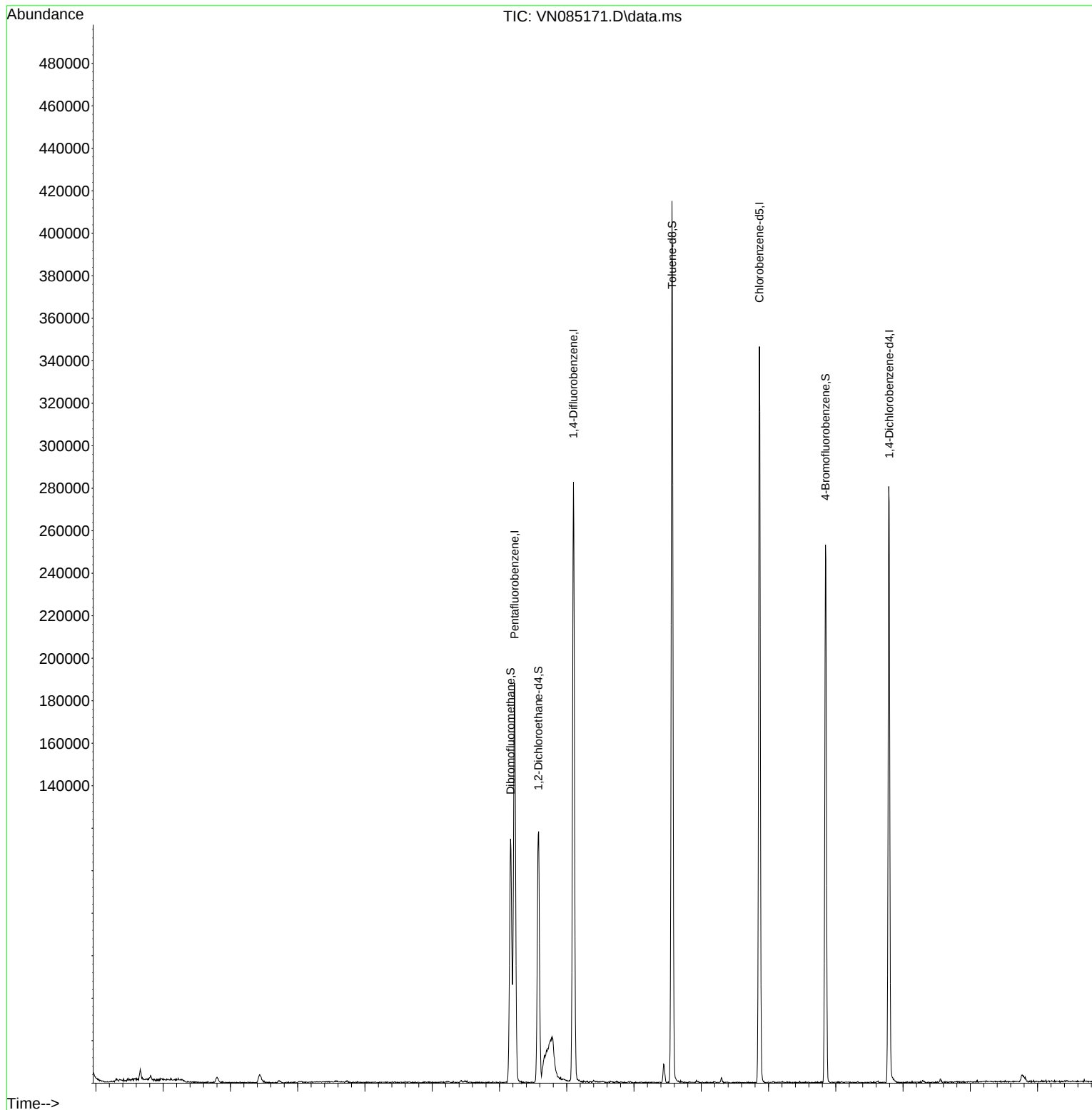
Internal Standards						
1) Pentafluorobenzene	8.224	168	130450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	197437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101172	54.447	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.900%		
35) Dibromofluoromethane	8.165	113	82748	51.196	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.400%		
50) Toluene-d8	10.565	98	279990	48.337	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.680%		
62) 4-Bromofluorobenzene	12.847	95	89967	41.532	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 83.060%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	7826	14.461	ug/l	99
25) 2-Butanone	7.488	43	1444	1.632	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	6327	3.351	ug/l	89

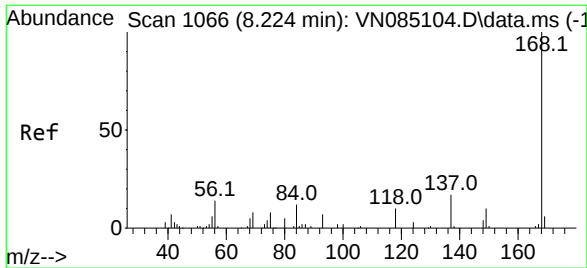
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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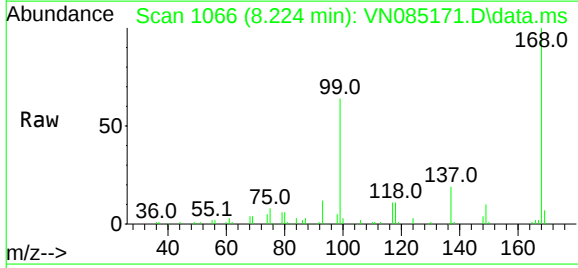
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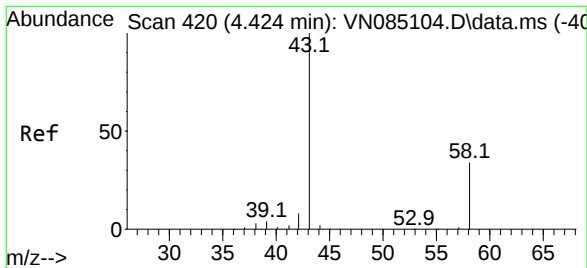
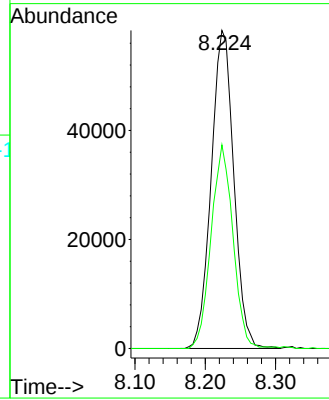
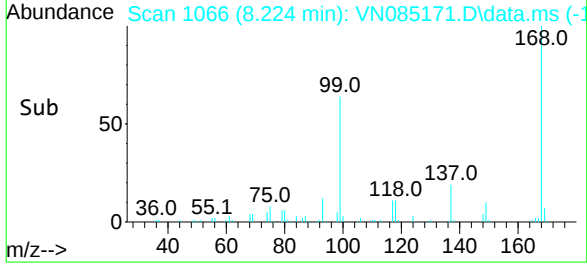


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

Instrument :
MSVOA_N
ClientSampleId :
OF-3

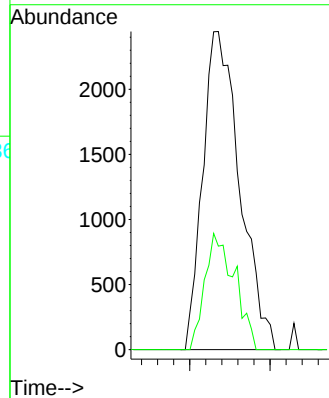
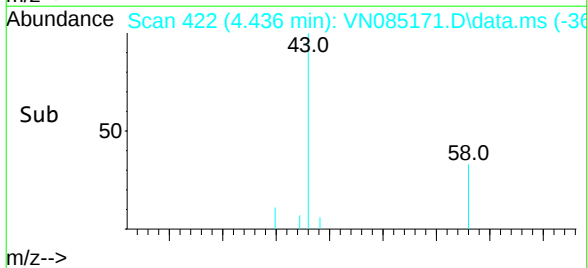
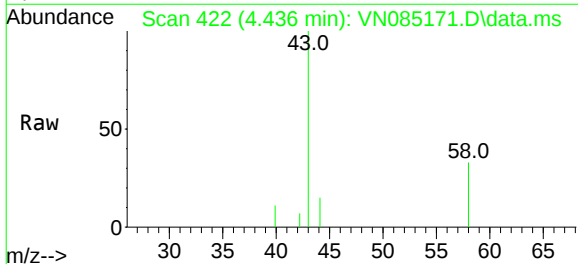


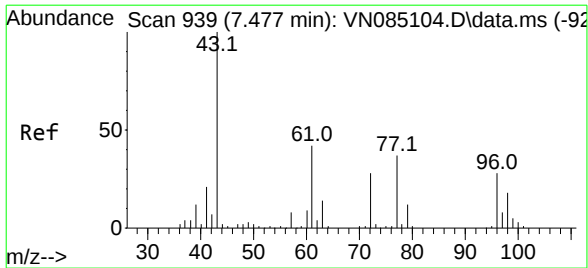
Tgt Ion:168 Resp: 130450
Ion Ratio Lower Upper
168 100
99 64.0 51.2 76.8



#16
Acetone
Concen: 14.461 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

Tgt Ion: 43 Resp: 7826
Ion Ratio Lower Upper
43 100
58 32.5 25.4 38.2

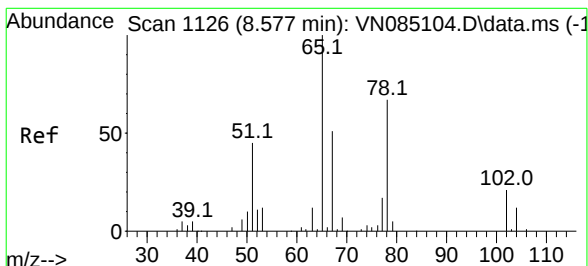
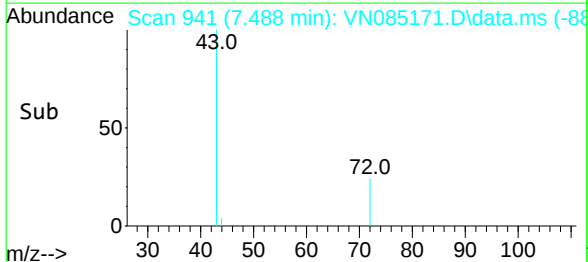
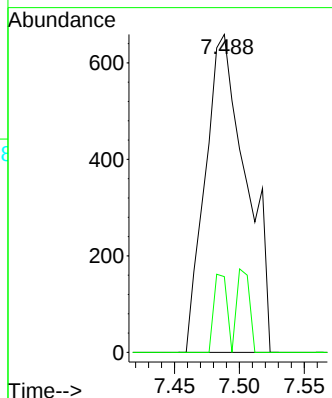
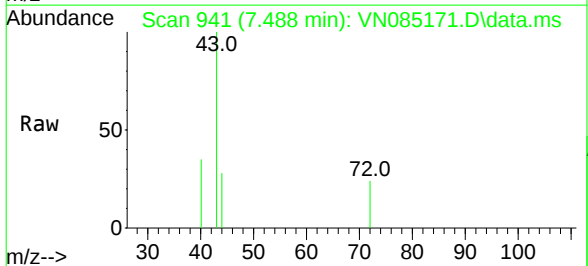




#25
2-Butanone
Concen: 1.632 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

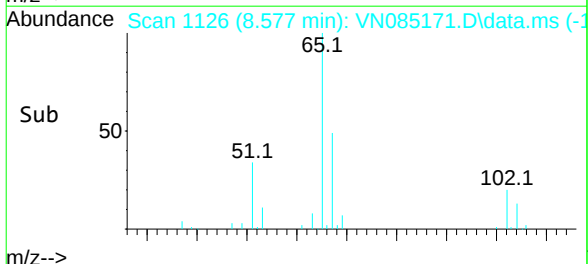
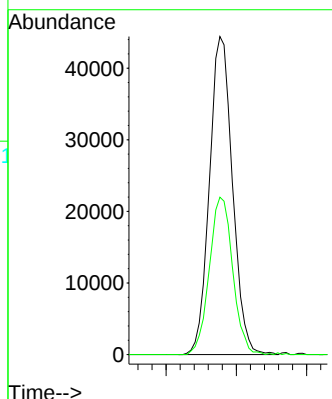
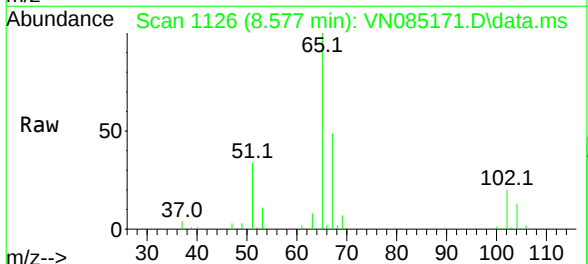
Instrument :
MSVOA_N
ClientSampleId :
OF-3

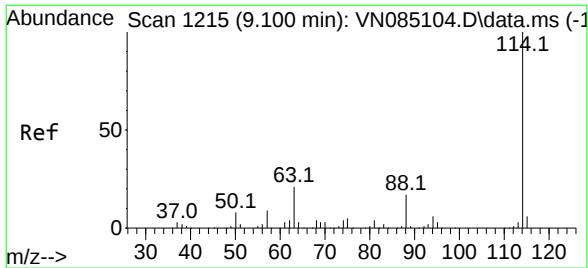
Tgt Ion: 43 Resp: 1444
Ion Ratio Lower Upper
43 100
72 23.8 21.4 32.0



#33
1,2-Dichloroethane-d4
Concen: 54.447 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

Tgt Ion: 65 Resp: 101172
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.0

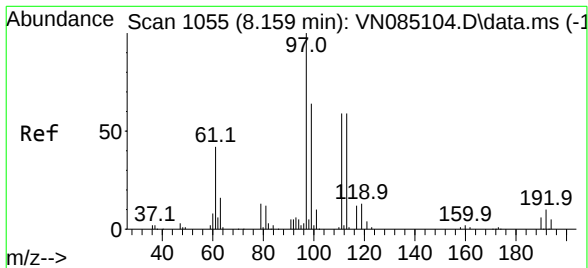
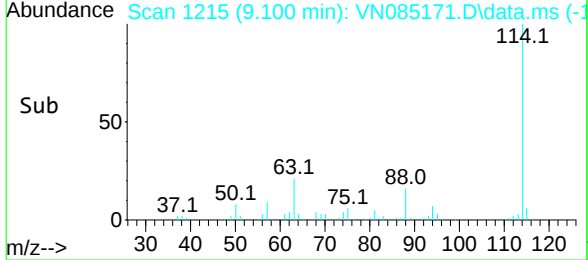
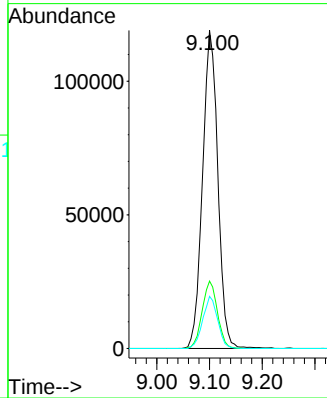
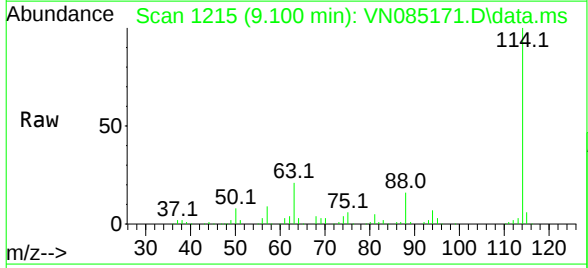




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

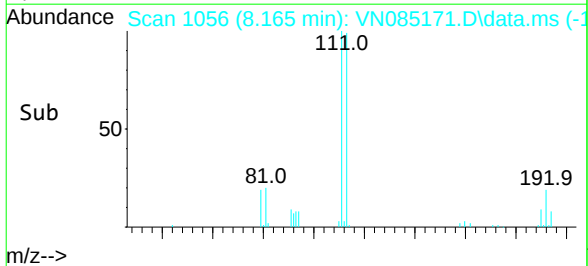
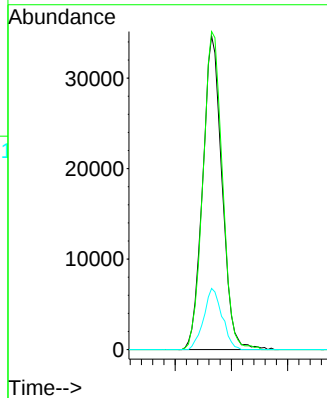
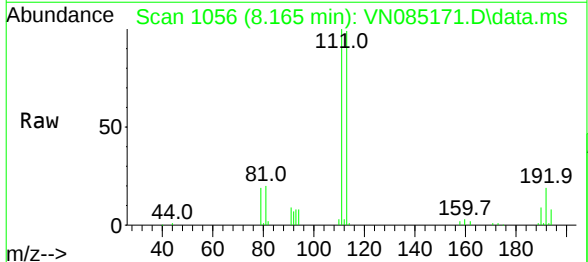
Instrument :
MSVOA_N
ClientSampleId :
OF-3

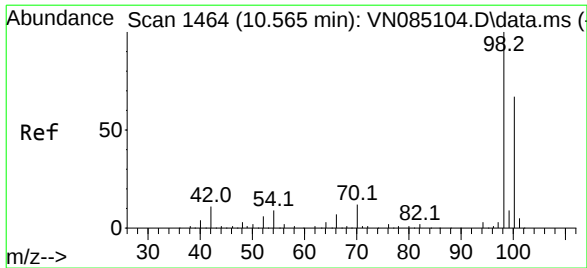
Tgt Ion:	114	Resp:	239679
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.0
88	16.4	0.0	34.8



#35
Dibromofluoromethane
Concen: 51.196 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

Tgt Ion:	113	Resp:	82748
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	18.6	14.8	22.2





#50

Toluene-d8

Concen: 48.337 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN085171.D

Acq: 10 Dec 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

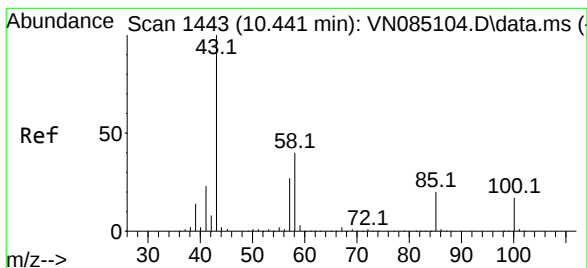
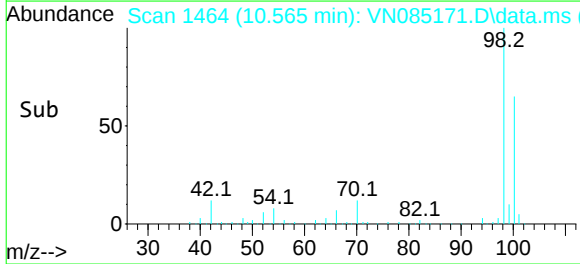
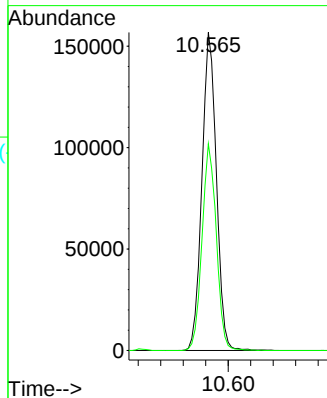
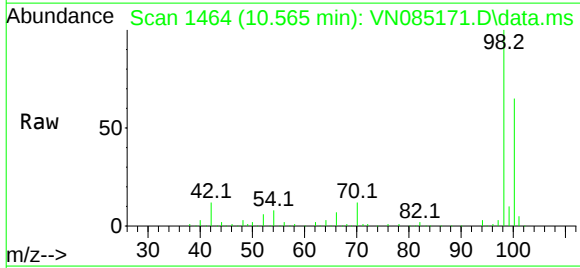
OF-3

Tgt Ion: 98 Resp: 279990

Ion Ratio Lower Upper

98 100

100 64.2 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 3.351 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN085171.D

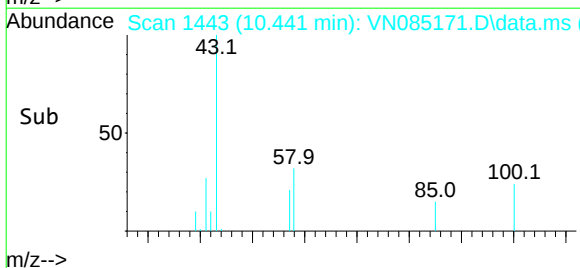
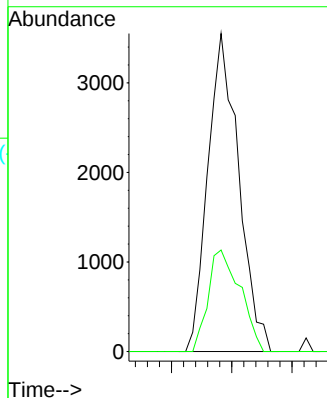
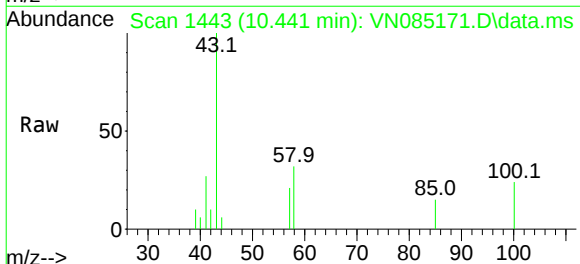
Acq: 10 Dec 2024 17:17

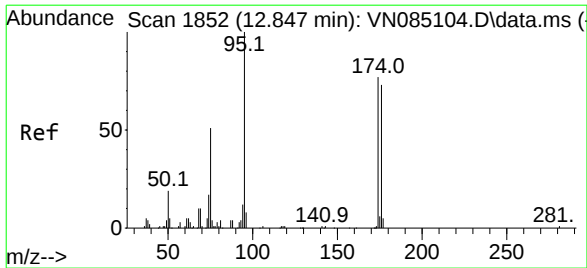
Tgt Ion: 43 Resp: 6327

Ion Ratio Lower Upper

43 100

58 33.0 32.1 48.1

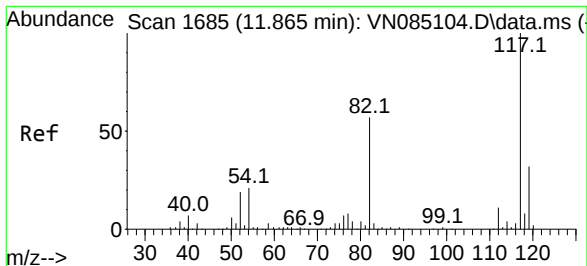
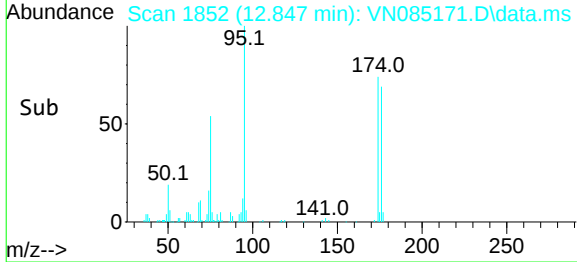
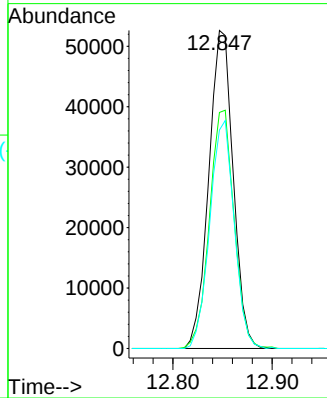
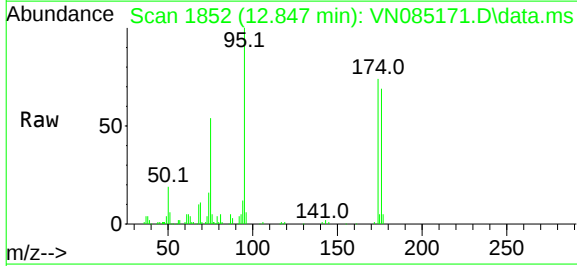




#62
4-Bromofluorobenzene
Concen: 41.532 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

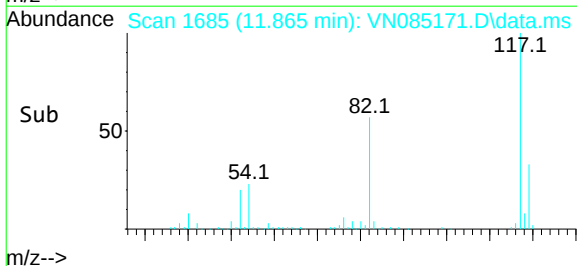
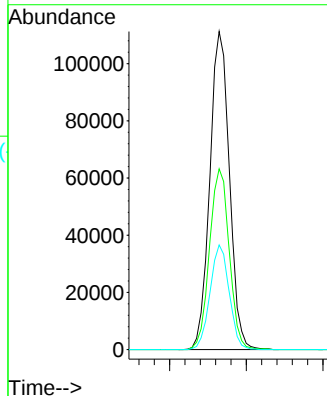
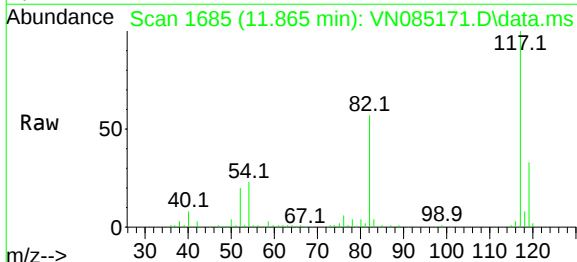
Instrument :
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ClientSampleId :
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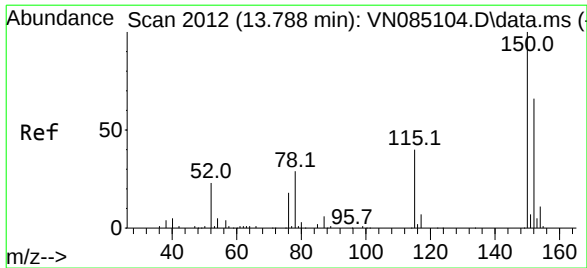
Tgt Ion:	95	Resp:	89967
Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	146.6
176	71.6	0.0	141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

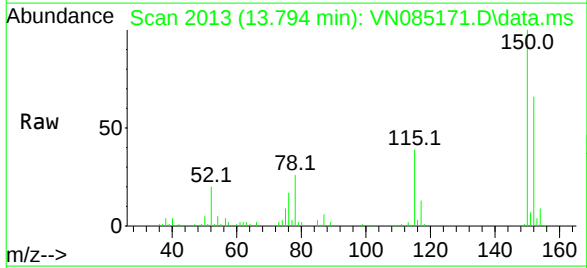
Tgt Ion:	117	Resp:	197437
Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.0	69.0
119	32.9	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085171.D
 Acq: 10 Dec 2024 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 OF-3



Tgt Ion:	152	Resp:	75083
Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.7	95.1
150	161.1	0.0	351.4

