

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085332.D
 Acq On : 27 Dec 2024 17:55
 Operator : JC\MD
 Sample : PB165857TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB165857TB

Quant Time: Dec 28 01:44:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

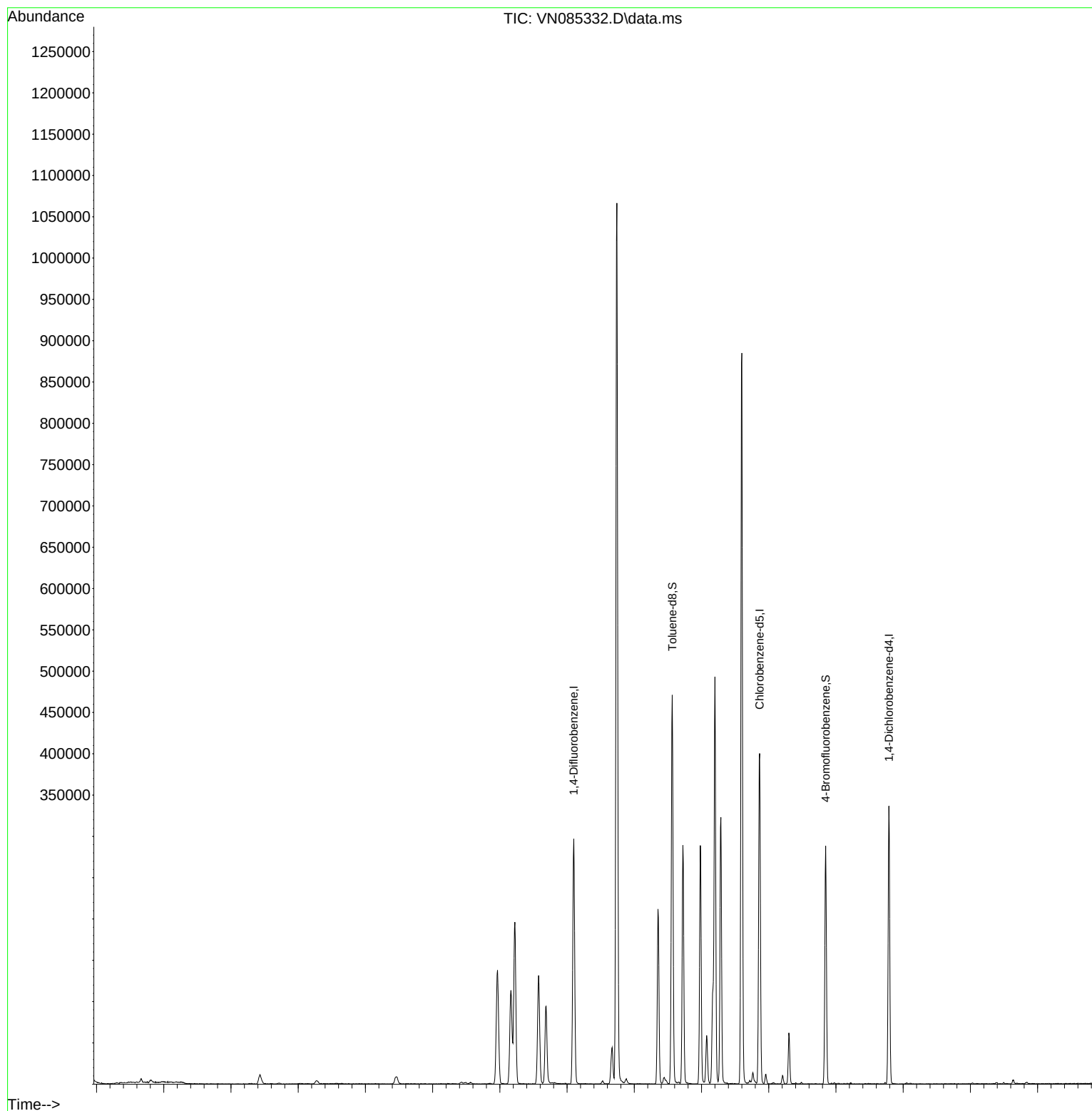
Internal Standards						
1) Pentafluorobenzene	8.224	168	131007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	81538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105658	56.546	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 113.100%		
35) Dibromofluoromethane	8.165	113	81290	53.129	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.260%		
50) Toluene-d8	10.565	98	311996	55.568	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 111.140%		
62) 4-Bromofluorobenzene	12.847	95	96113	51.544	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 103.080%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	21749	35.397	ug/l	95
20) Methylene Chloride	5.277	84	2804	1.697	ug/l	99
30) Chloroform	7.965	83	132401	42.790	ug/l	98
43) Isopropyl Acetate	8.682	43	107381	29.288	ug/l #	89

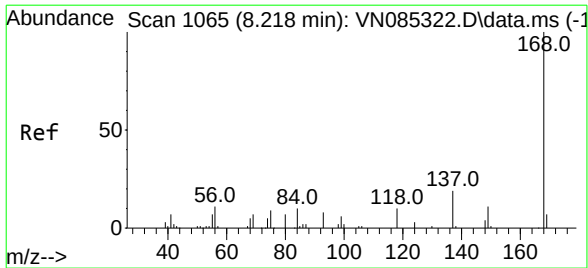
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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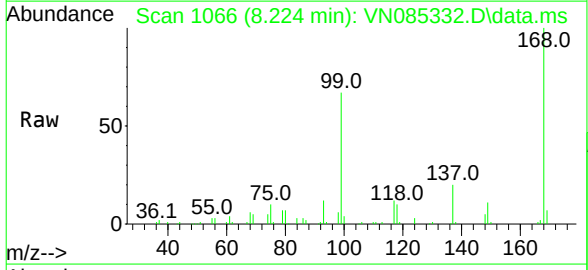
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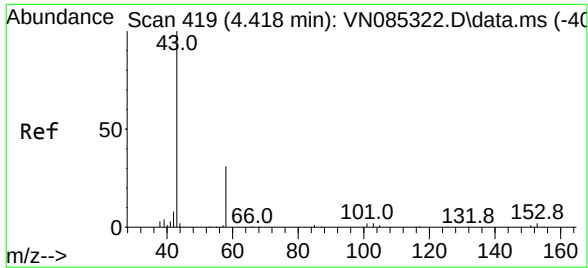
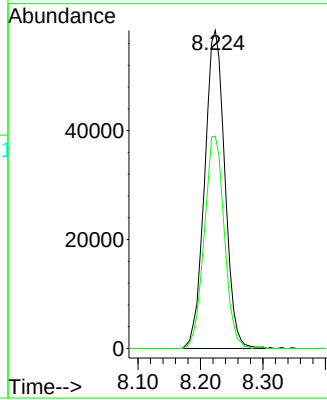
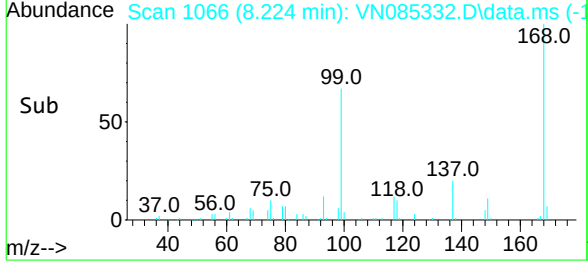


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085332.D
Acq: 27 Dec 2024 17:55

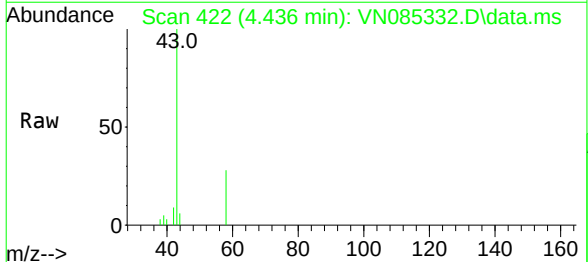
Instrument :
MSVOA_N
ClientSampleId :
PB165857TB



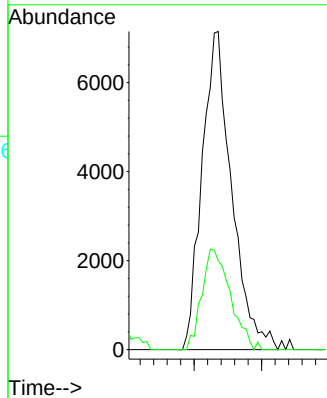
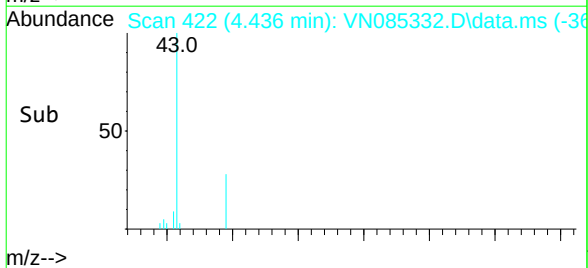
Tgt Ion:168 Resp: 131007
Ion Ratio Lower Upper
168 100
99 66.7 51.0 76.4

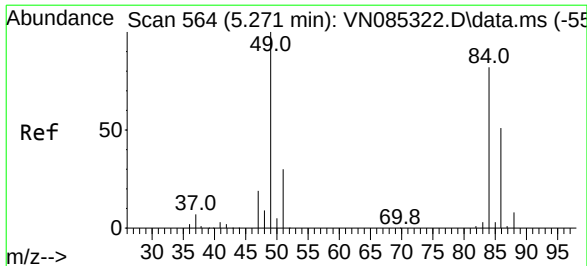


#16
Acetone
Concen: 35.397 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085332.D
Acq: 27 Dec 2024 17:55



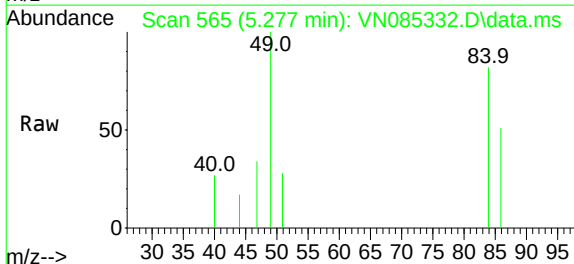
Tgt Ion: 43 Resp: 21749
Ion Ratio Lower Upper
43 100
58 27.9 24.5 36.7



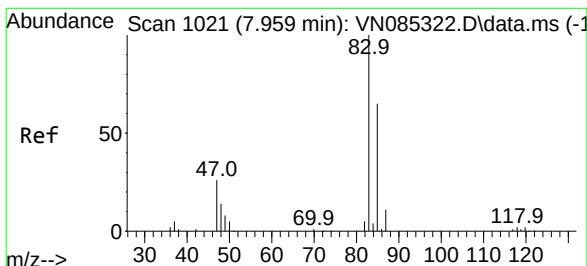
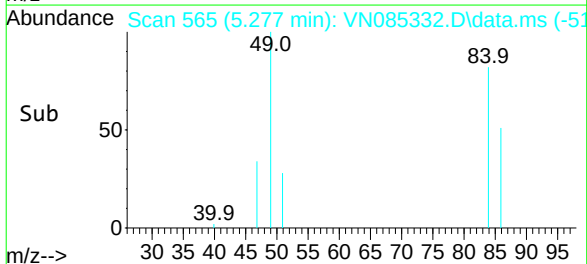
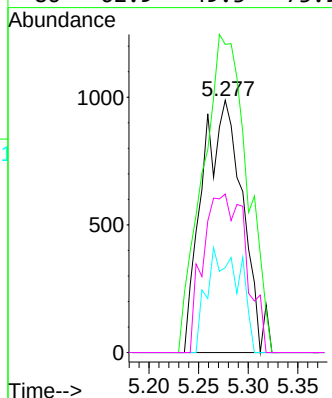


#20
Methylene Chloride
Concen: 1.697 ug/l
RT: 5.277 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085332.D
Acq: 27 Dec 2024 17:55

Instrument :
MSVOA_N
ClientSampleId :
PB165857TB

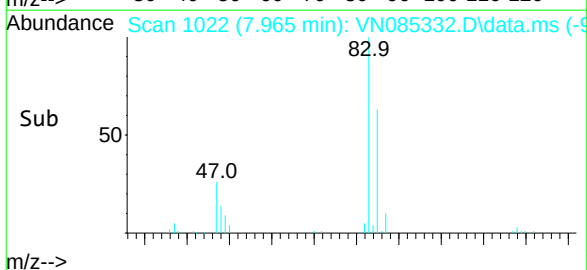
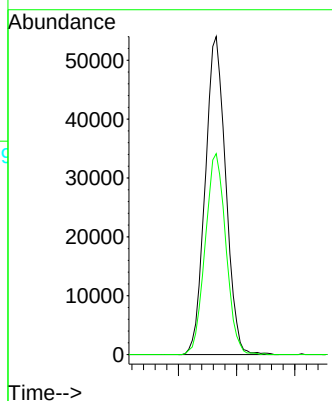
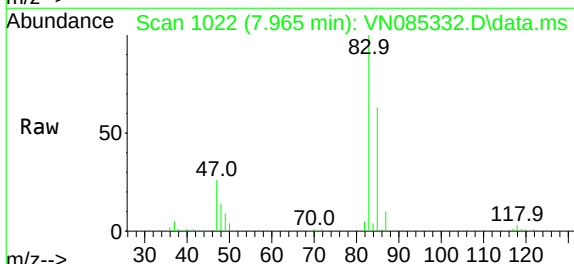


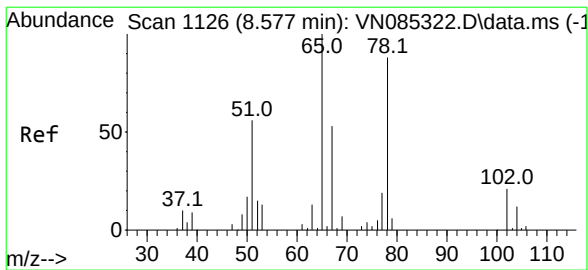
Tgt Ion:	84	Resp:	2804
Ion	Ratio	Lower	Upper
84	100		
49	122.2	97.6	146.4
51	33.7	29.1	43.7
86	62.9	49.3	73.9



#30
Chloroform
Concen: 42.790 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085332.D
Acq: 27 Dec 2024 17:55

Tgt Ion:	83	Resp:	132401
Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.0	78.0

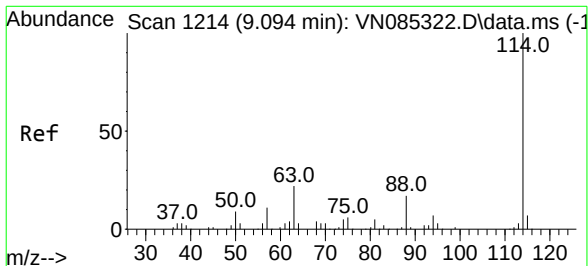
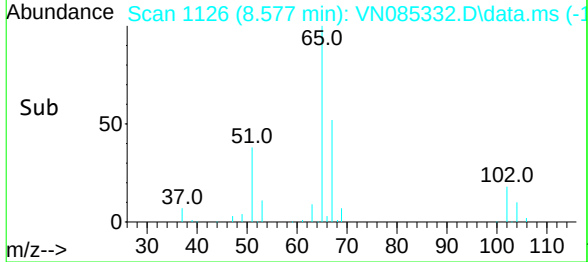
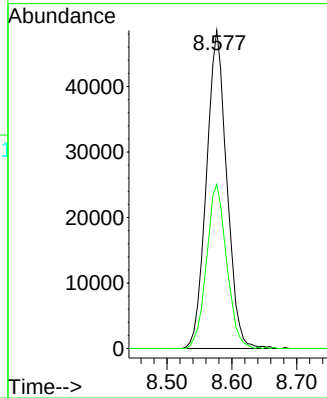
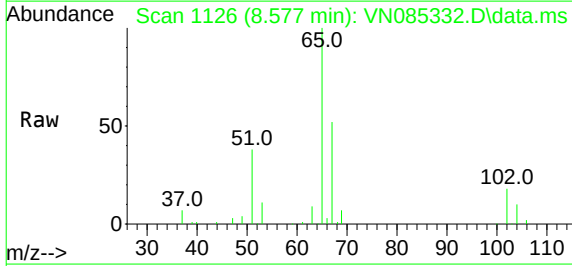




#33
 1,2-Dichloroethane-d4
 Concen: 56.546 ug/l
 RT: 8.577 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN085332.D
 Acq: 27 Dec 2024 17:55

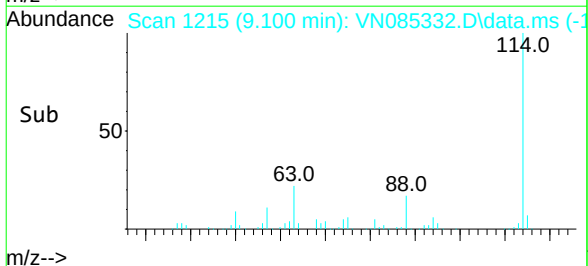
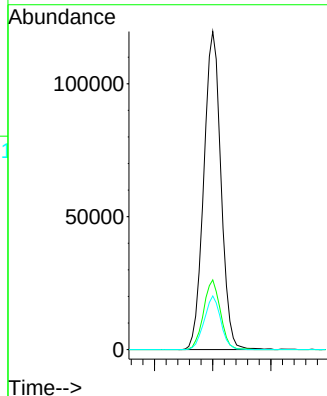
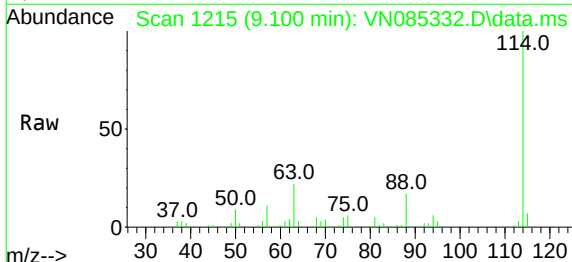
Instrument :
 MSVOA_N
 ClientSampleId :
 PB165857TB

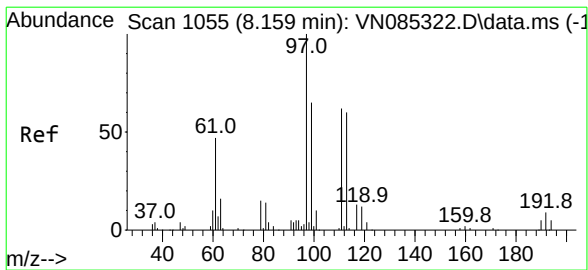
Tgt Ion: 65 Resp: 105658
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085332.D
 Acq: 27 Dec 2024 17:55

Tgt Ion: 114 Resp: 245258
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.4
 88 16.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 53.129 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085332.D

Acq: 27 Dec 2024 17:55

Instrument :

MSVOA_N

ClientSampleId :

PB165857TB

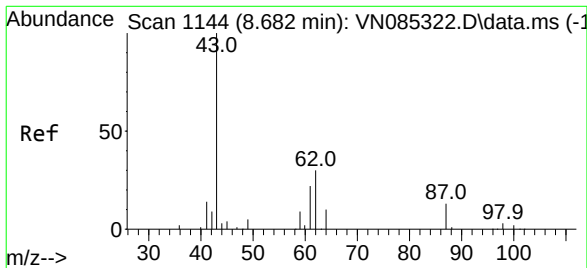
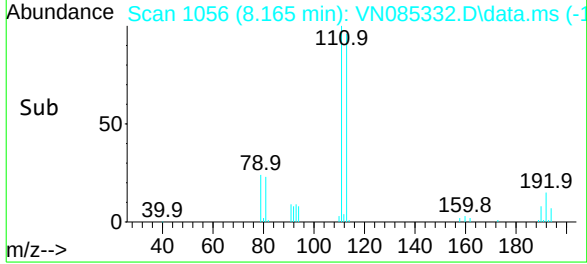
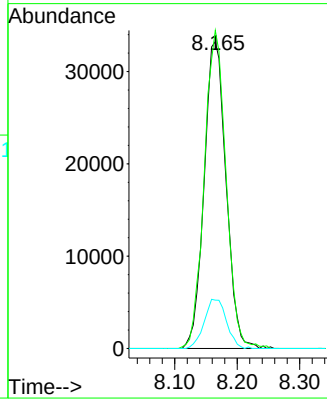
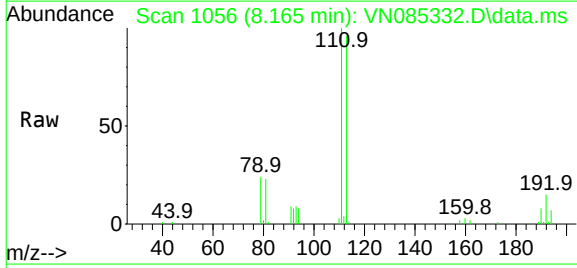
Tgt Ion:113 Resp: 81290

Ion Ratio Lower Upper

113 100

111 102.6 80.5 120.7

192 16.2 12.9 19.3



#43

Isopropyl Acetate

Concen: 29.288 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085332.D

Acq: 27 Dec 2024 17:55

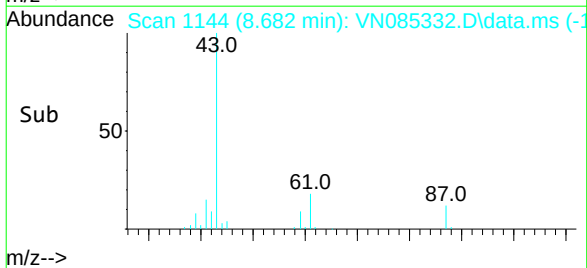
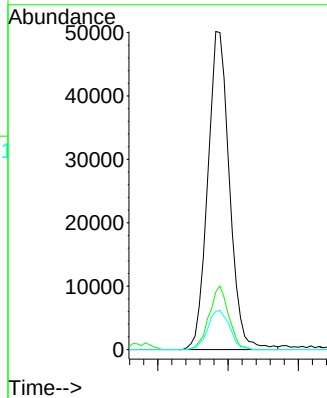
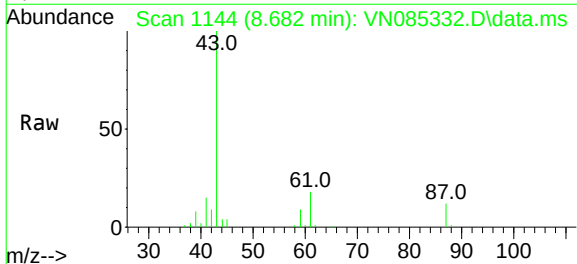
Tgt Ion: 43 Resp: 107381

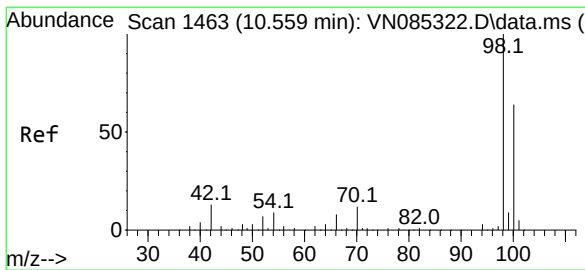
Ion Ratio Lower Upper

43 100

61 18.0 20.8 31.2#

87 12.5 10.2 15.4





#50

Toluene-d8

Concen: 55.568 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN085332.D

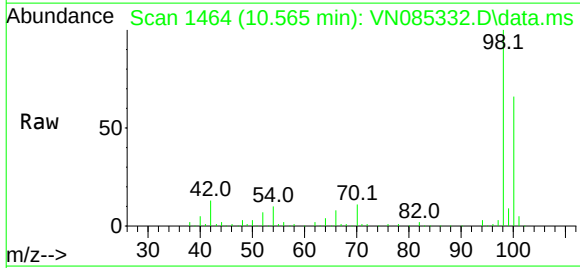
Acq: 27 Dec 2024 17:55

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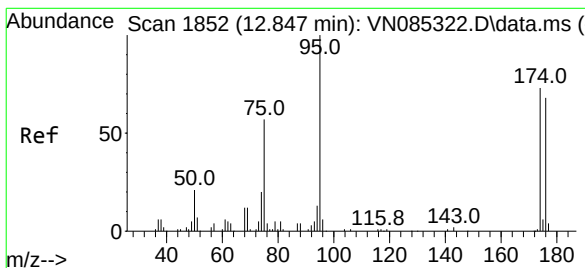
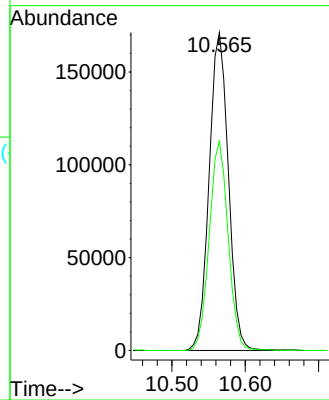
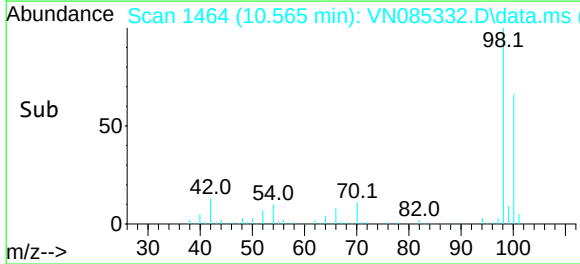


Tgt Ion: 98 Resp: 311996

Ion Ratio Lower Upper

98 100

100 64.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 51.544 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085332.D

Acq: 27 Dec 2024 17:55

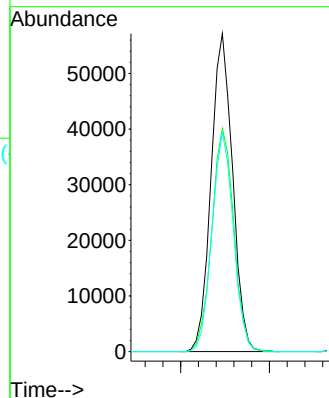
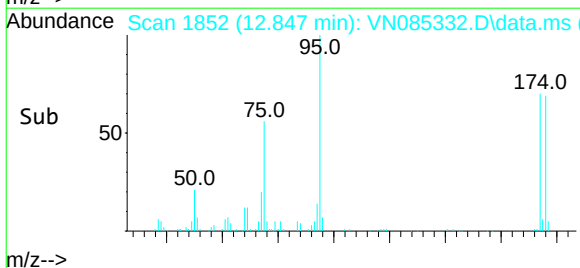
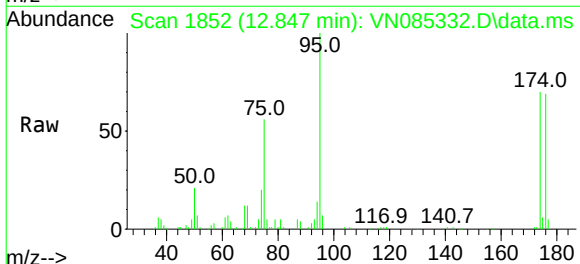
Tgt Ion: 95 Resp: 96113

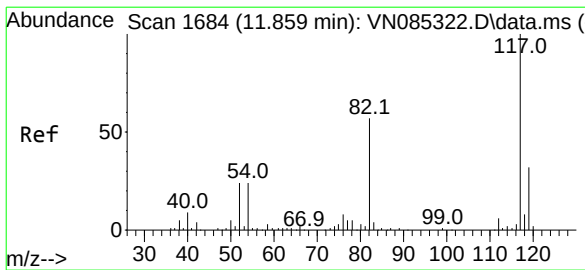
Ion Ratio Lower Upper

95 100

174 72.0 0.0 143.2

176 68.7 0.0 135.8

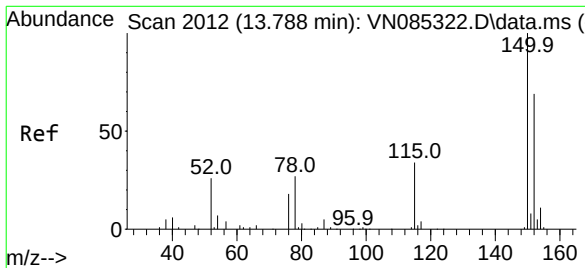
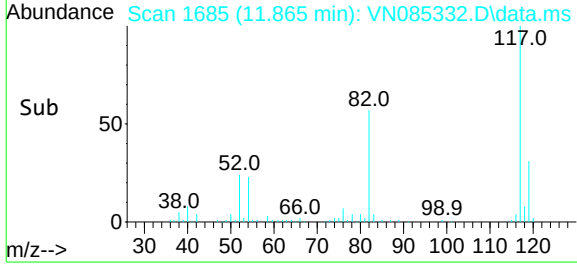
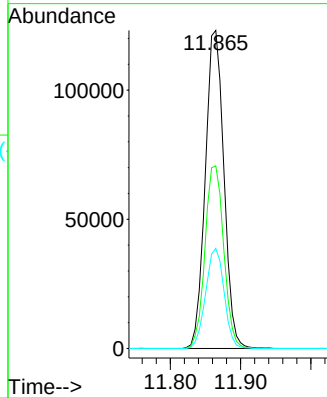
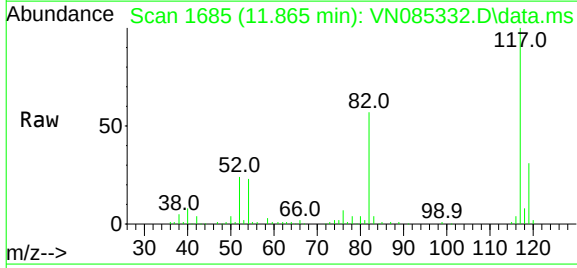




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085332.D
Acq: 27 Dec 2024 17:55

Instrument :
MSVOA_N
ClientSampleId :
PB165857TB

Tgt Ion:117 Resp: 226418
Ion Ratio Lower Upper
117 100
82 57.4 45.7 68.5
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085332.D
Acq: 27 Dec 2024 17:55

Tgt Ion:152 Resp: 81538
Ion Ratio Lower Upper
152 100
115 64.2 30.4 91.3
150 163.3 0.0 345.0

