

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085489.D
 Acq On : 17 Jan 2025 13:12
 Operator : JC\MD
 Sample : PB166090TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166090TB

Quant Time: Jan 17 22:34:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

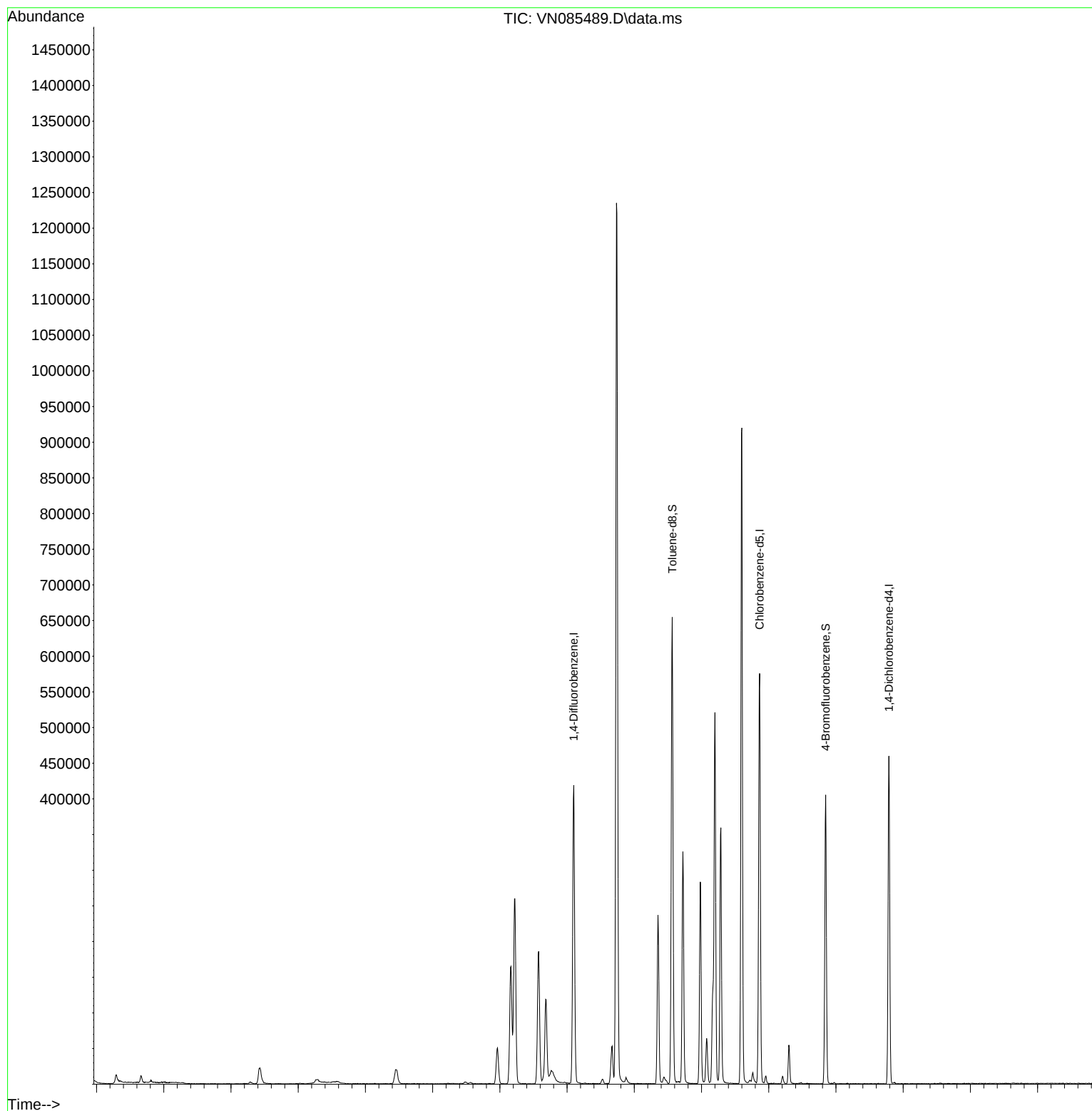
Internal Standards						
1) Pentafluorobenzene	8.224	168	179436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	315597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156737	54.113	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.220%		
35) Dibromofluoromethane	8.165	113	117076	50.031	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.060%		
50) Toluene-d8	10.565	98	432598	52.031	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.060%		
62) 4-Bromofluorobenzene	12.847	95	132104	46.448	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 92.900%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	45325	48.431	ug/l	100
20) Methylene Chloride	5.289	84	3792	1.637	ug/l #	79
30) Chloroform	7.959	83	48128	11.011	ug/l	100
43) Isopropyl Acetate	8.688	43	137350	25.858	ug/l #	86

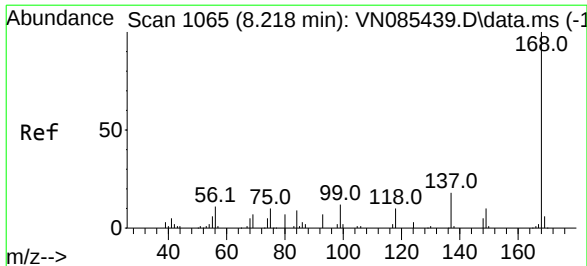
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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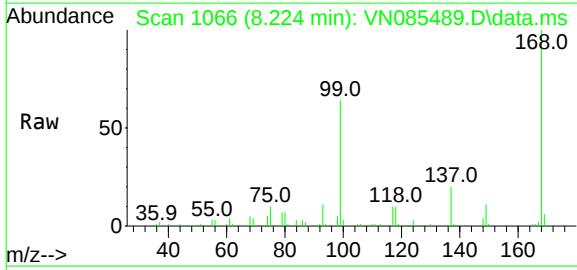
Quant Time: Jan 17 22:34:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



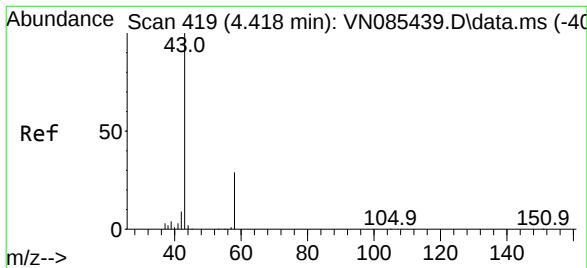
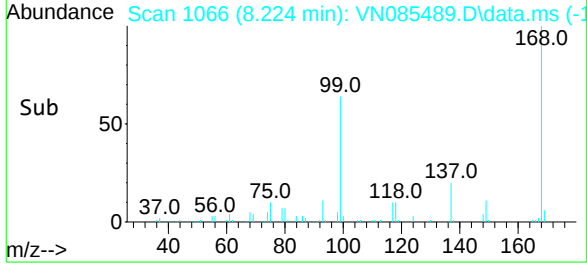
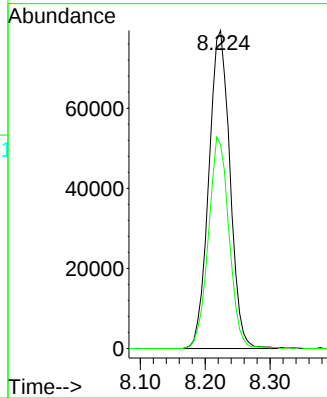


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085489.D
Acq: 17 Jan 2025 13:12

Instrument :
MSVOA_N
ClientSampleId :
PB166090TB

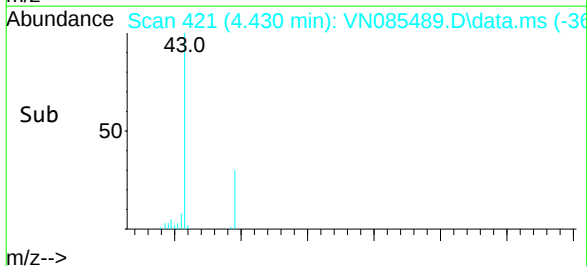
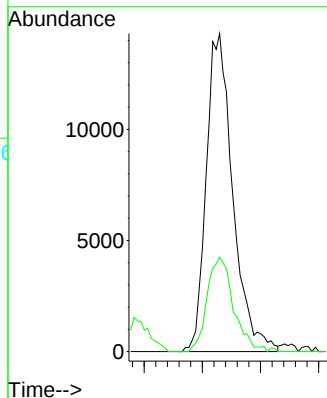
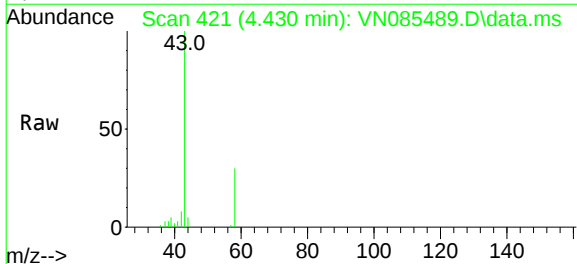


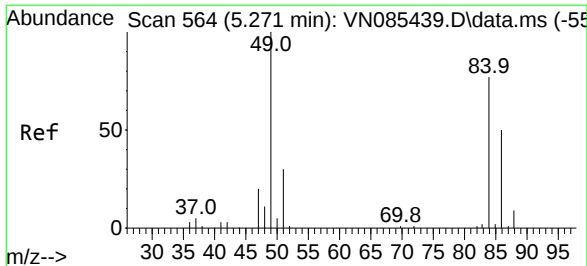
Tgt Ion:168 Resp: 179436
Ion Ratio Lower Upper
168 100
99 64.1 53.6 80.4



#16
Acetone
Concen: 48.431 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085489.D
Acq: 17 Jan 2025 13:12

Tgt Ion: 43 Resp: 45325
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.6





#20

Methylene Chloride

Concen: 1.637 ug/l

RT: 5.289 min Scan# 564

Delta R.T. 0.018 min

Lab File: VN085489.D

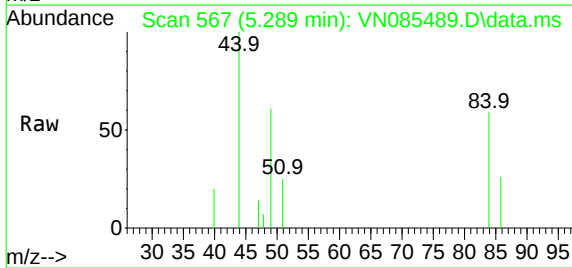
Acq: 17 Jan 2025 13:12

Instrument :

MSVOA_N

ClientSampleId :

PB166090TB



Tgt Ion: 84 Resp: 3792

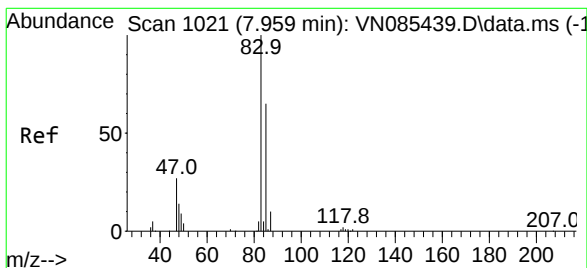
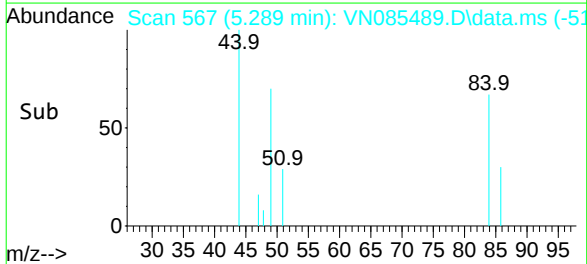
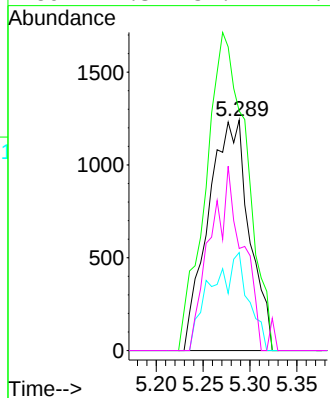
Ion Ratio Lower Upper

84 100

49 103.9 104.1 156.1#

51 42.5 31.0 46.4

86 44.3 51.9 77.9#



#30

Chloroform

Concen: 11.011 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN085489.D

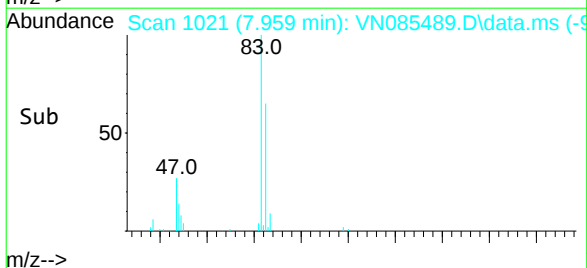
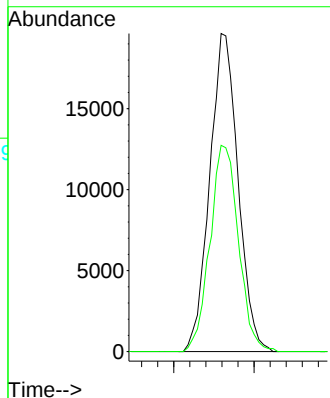
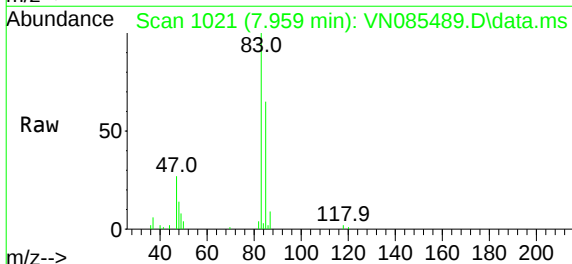
Acq: 17 Jan 2025 13:12

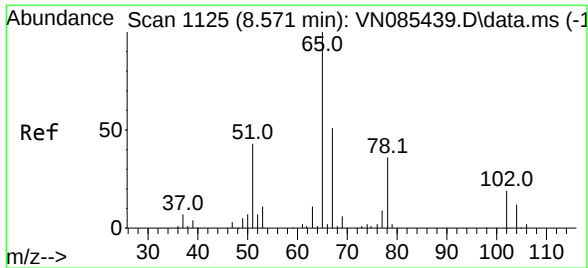
Tgt Ion: 83 Resp: 48128

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.6



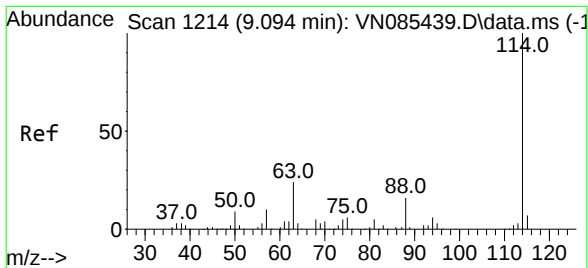
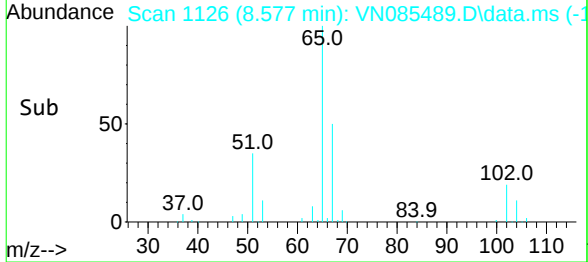
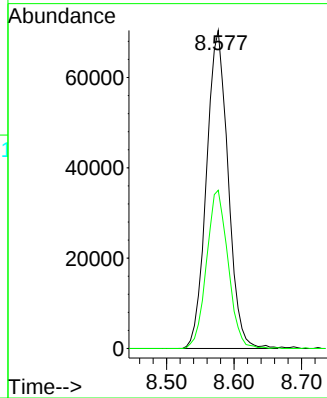
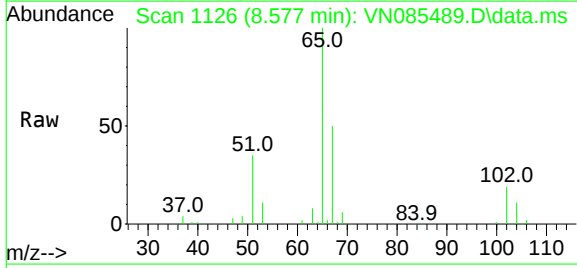


#33
 1,2-Dichloroethane-d4
 Concen: 54.113 ug/l
 RT: 8.577 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: VN085489.D
 Acq: 17 Jan 2025 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166090TB

Tgt Ion: 65 Resp: 156737

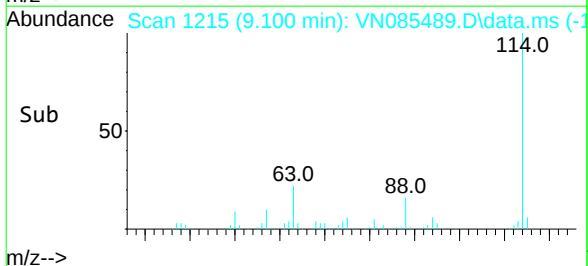
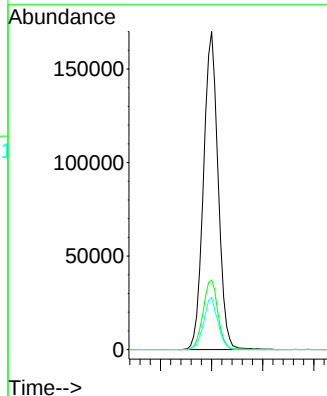
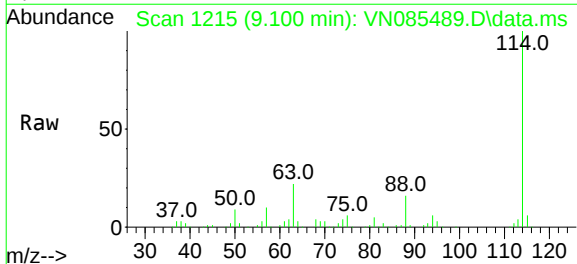
Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	101.6

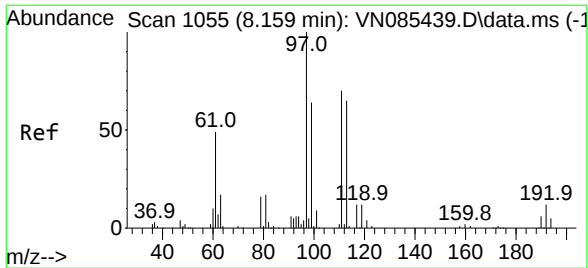


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085489.D
 Acq: 17 Jan 2025 13:12

Tgt Ion: 114 Resp: 337308

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	47.6
88	16.4	0.0	32.6

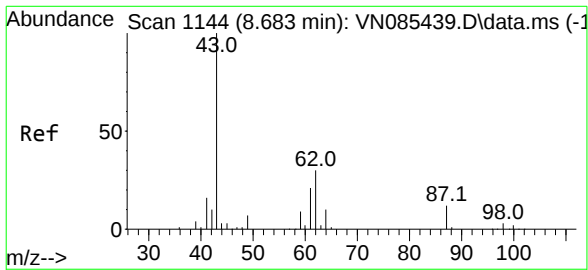
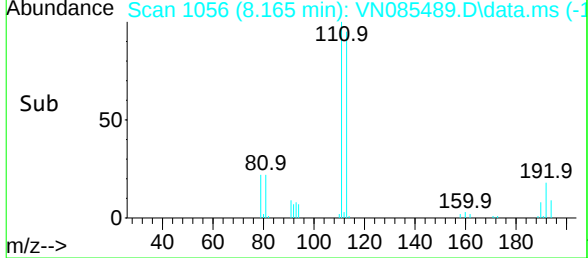
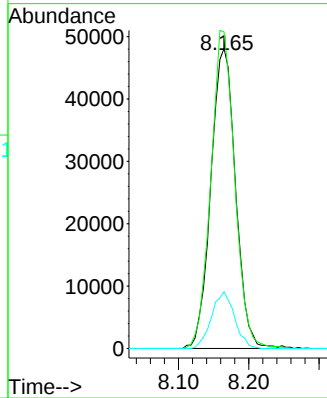
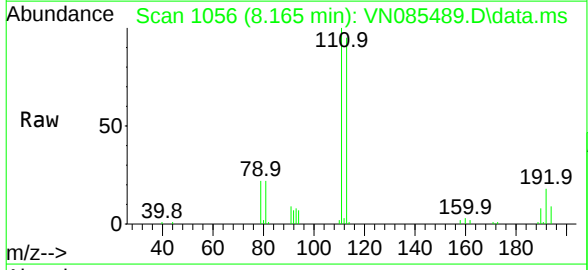




#35
Dibromofluoromethane
Concen: 50.031 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085489.D
Acq: 17 Jan 2025 13:12

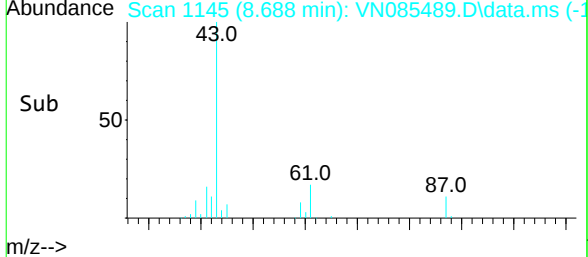
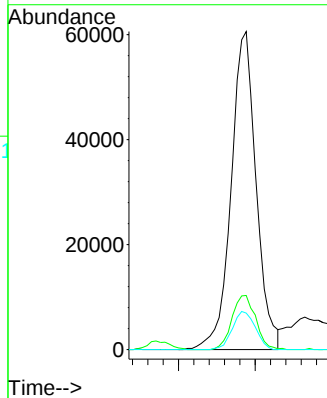
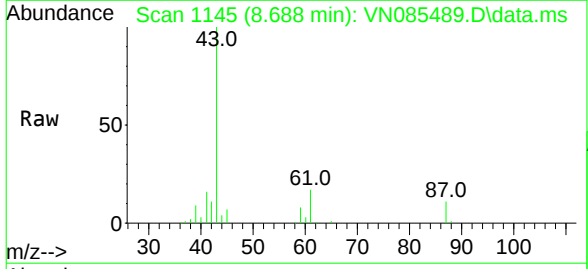
Instrument :
MSVOA_N
ClientSampleId :
PB166090TB

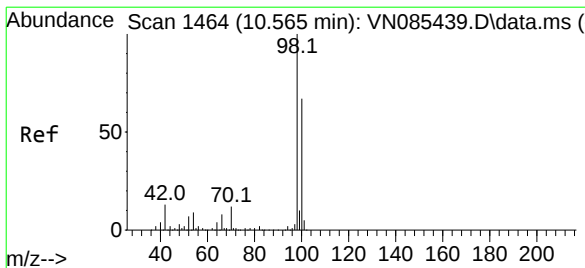
Tgt Ion: 113 Resp: 117076
Ion Ratio Lower Upper
113 100
111 102.9 82.7 124.1
192 17.7 14.3 21.5



#43
Isopropyl Acetate
Concen: 25.858 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085489.D
Acq: 17 Jan 2025 13:12

Tgt Ion: 43 Resp: 137350
Ion Ratio Lower Upper
43 100
61 16.1 20.7 31.1#
87 11.0 9.8 14.8





#50

Toluene-d8

Concen: 52.031 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085489.D

Acq: 17 Jan 2025 13:12

Instrument :

MSVOA_N

ClientSampleId :

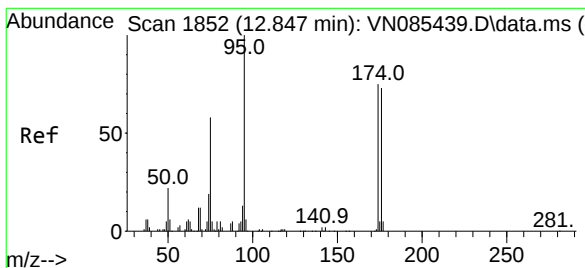
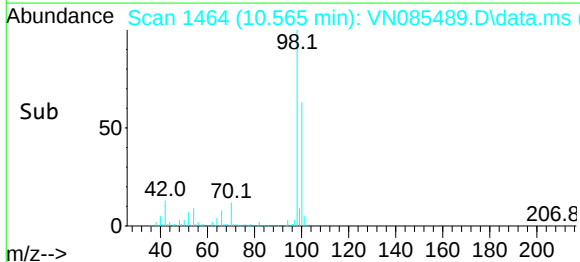
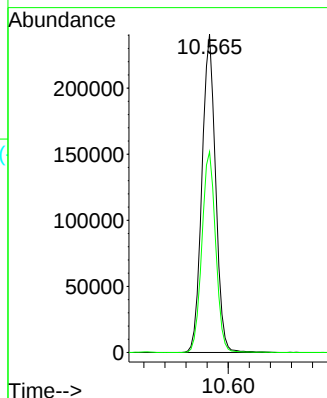
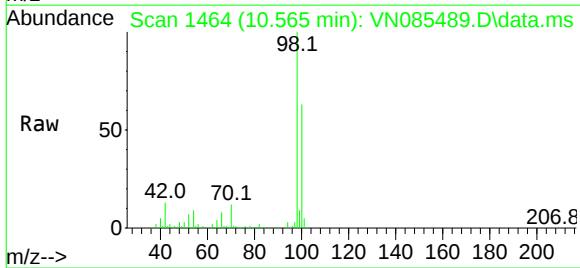
PB166090TB

Tgt Ion: 98 Resp: 432598

Ion Ratio Lower Upper

98 100

100 63.7 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 46.448 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085489.D

Acq: 17 Jan 2025 13:12

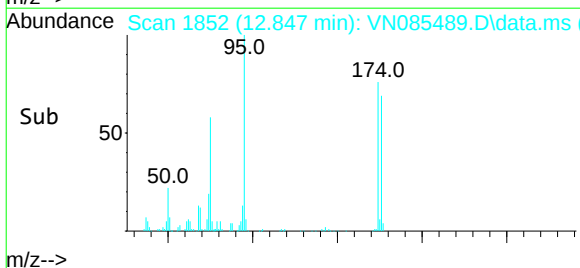
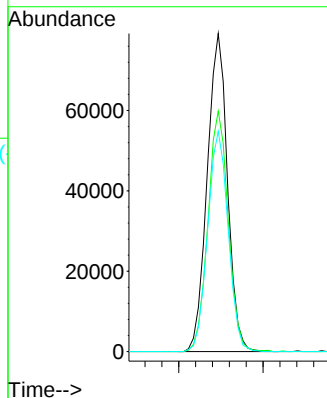
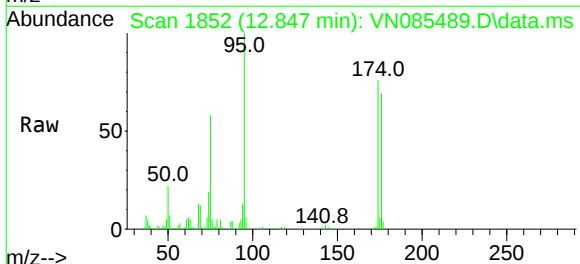
Tgt Ion: 95 Resp: 132104

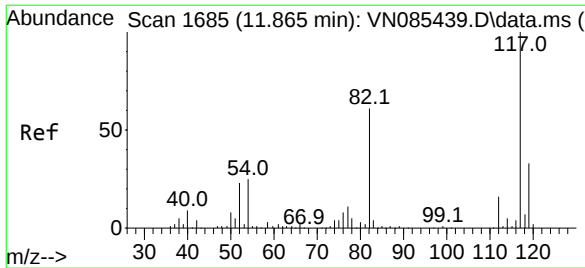
Ion Ratio Lower Upper

95 100

174 75.9 0.0 145.0

176 70.0 0.0 142.4

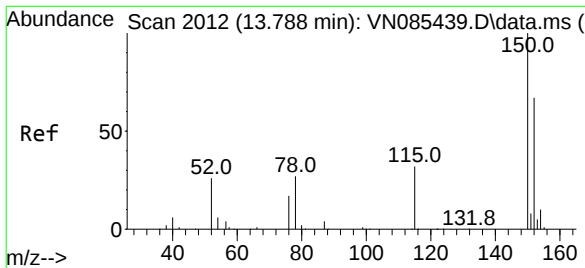
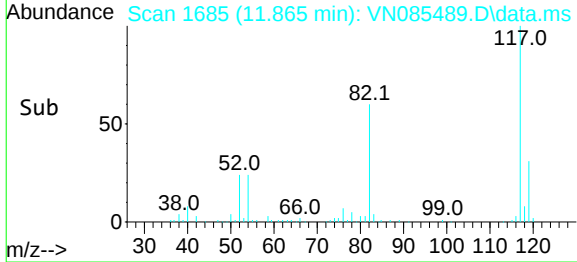
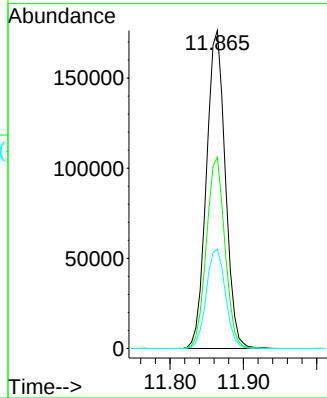
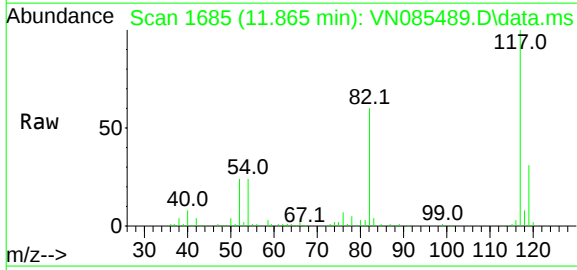




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085489.D
Acq: 17 Jan 2025 13:12

Instrument :
MSVOA_N
ClientSampleId :
PB166090TB

Tgt Ion:	117	Resp:	315597
Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.6	72.8
119	31.2	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085489.D
Acq: 17 Jan 2025 13:12

Tgt Ion:	152	Resp:	116852
Ion	Ratio	Lower	Upper
152	100		
115	63.4	31.1	93.3
150	158.8	0.0	343.6

