

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085602.D
 Acq On : 31 Jan 2025 15:15
 Operator : JC\MD
 Sample : PB166357ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#07

Quant Time: Jan 31 22:29:44 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)

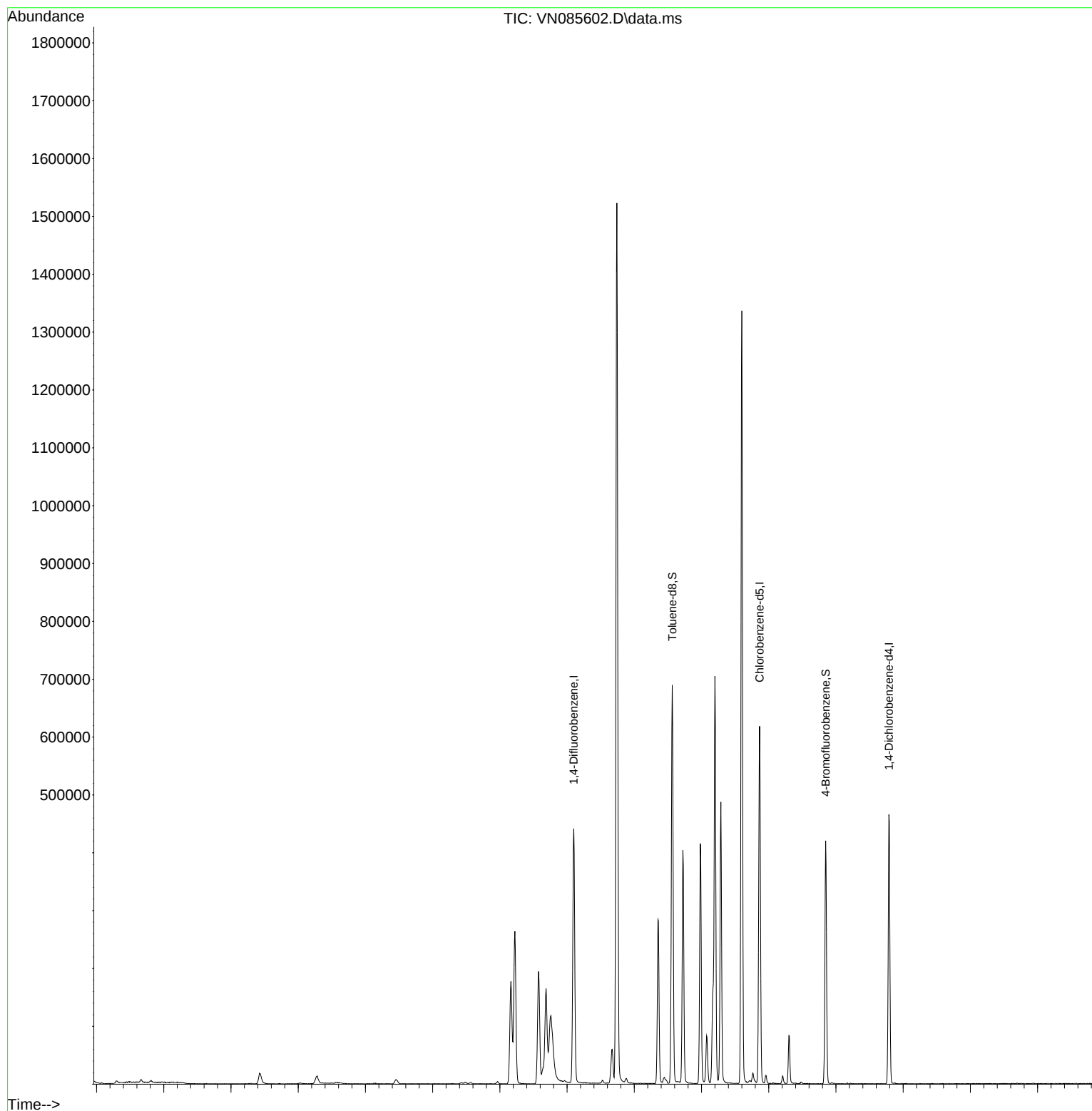
Internal Standards						
1) Pentafluorobenzene	8.224	168	175903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	361116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165798	58.391	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	116.780%	
35) Dibromofluoromethane	8.165	113	123541	49.313	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.620%	
50) Toluene-d8	10.565	98	457451	51.392	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.780%	
62) 4-Bromofluorobenzene	12.847	95	137139	45.040	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	90.080%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	36794	40.105	ug/l	95
20) Methylene Chloride	5.283	84	9685	4.264	ug/l	86
43) Isopropyl Acetate	8.688	43	207687	36.522	ug/l #	81

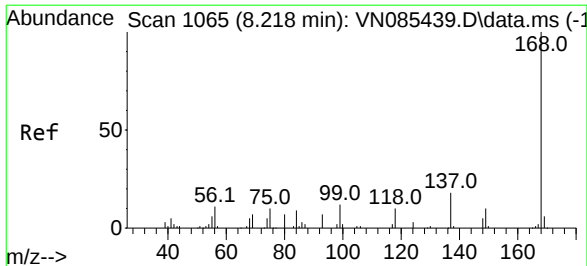
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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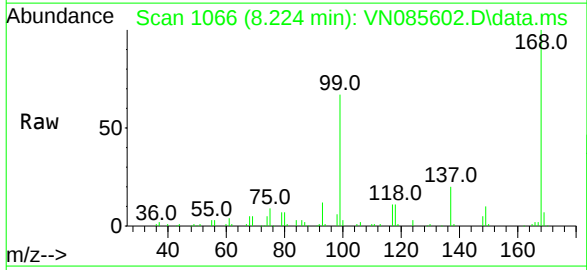
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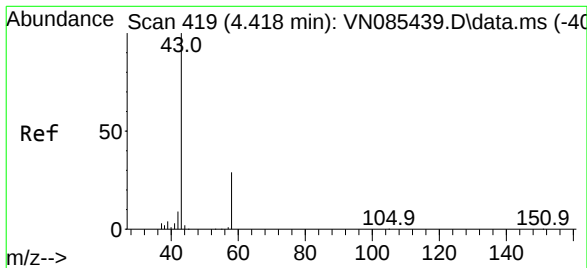
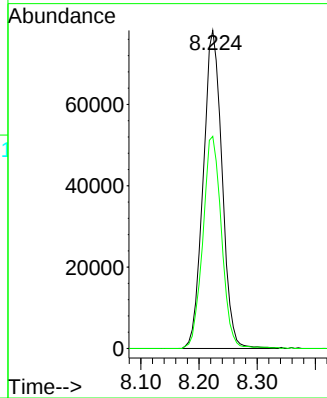
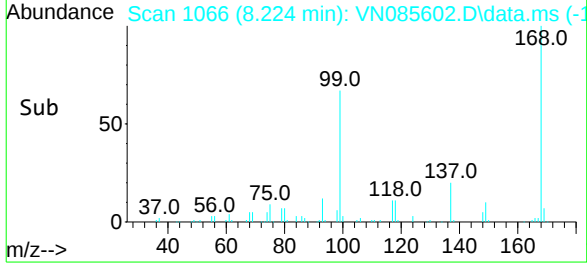


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085602.D
Acq: 31 Jan 2025 15:15

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#07

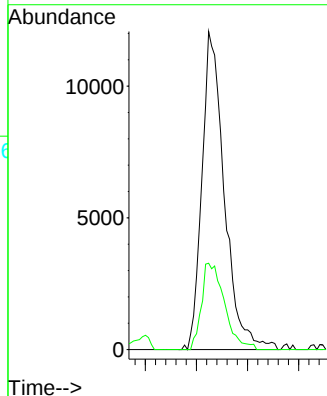
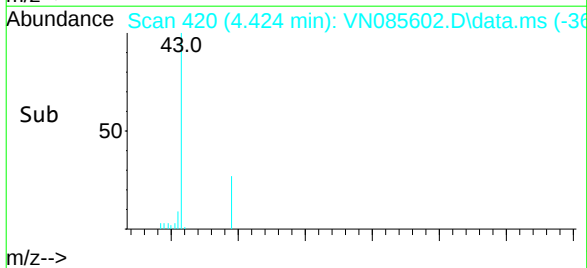
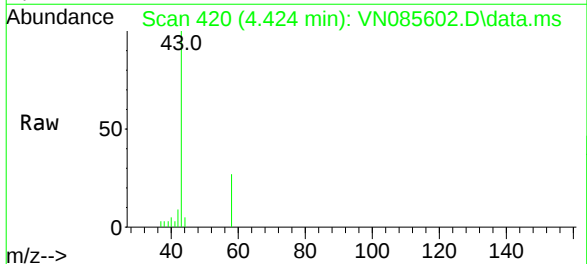


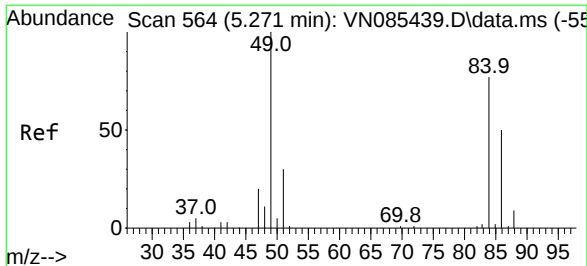
Tgt Ion:168 Resp: 175903
Ion Ratio Lower Upper
168 100
99 66.7 53.6 80.4



#16
Acetone
Concen: 40.105 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085602.D
Acq: 31 Jan 2025 15:15

Tgt Ion: 43 Resp: 36794
Ion Ratio Lower Upper
43 100
58 27.2 23.8 35.6





#20

Methylene Chloride

Concen: 4.264 ug/l

RT: 5.283 min Scan# 56

Delta R.T. 0.012 min

Lab File: VN085602.D

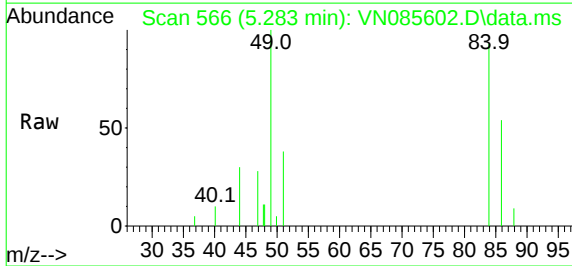
Acq: 31 Jan 2025 15:15

Instrument :

MSVOA_N

ClientSampleId :

PB166357ZHE#07



Tgt Ion: 84 Resp: 9685

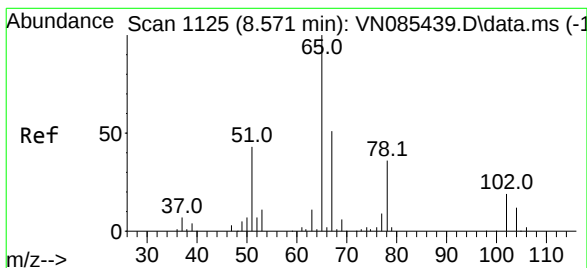
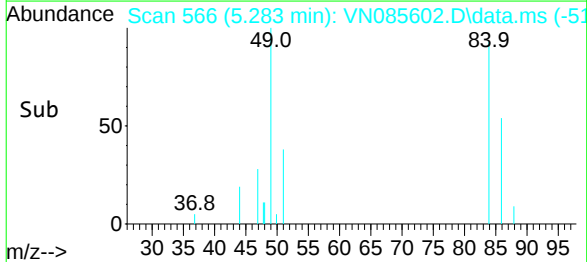
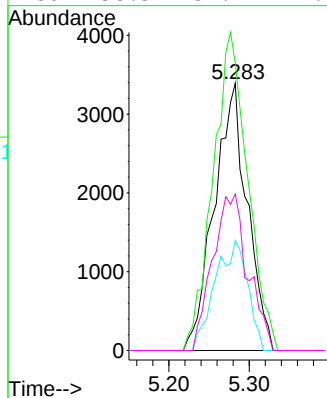
Ion Ratio Lower Upper

84 100

49 107.5 104.1 156.1

51 41.2 31.0 46.4

86 58.5 51.9 77.9



#33

1,2-Dichloroethane-d4

Concen: 58.391 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085602.D

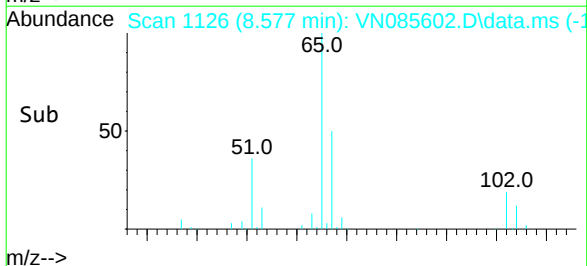
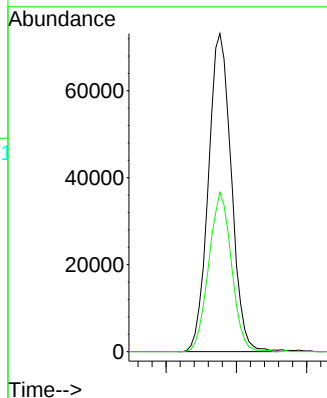
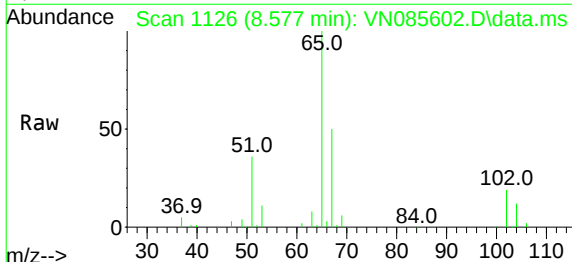
Acq: 31 Jan 2025 15:15

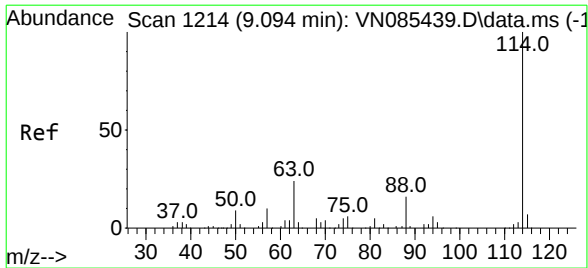
Tgt Ion: 65 Resp: 165798

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.6

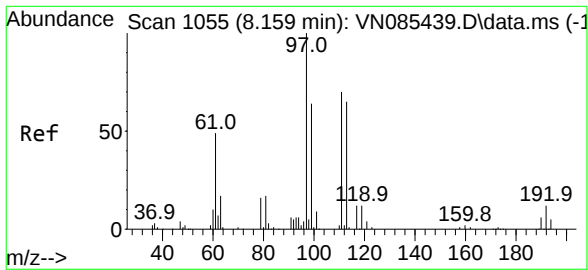
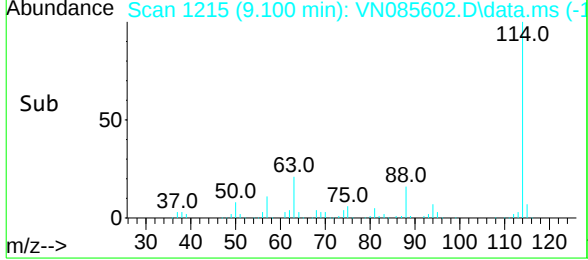
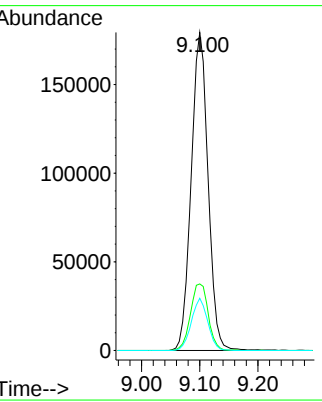
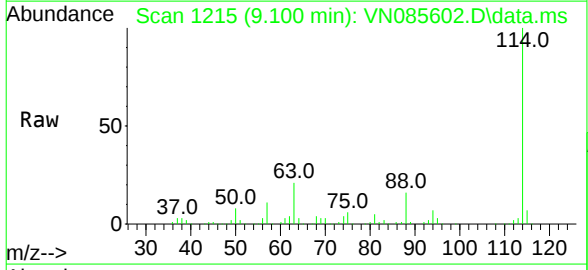




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085602.D
 Acq: 31 Jan 2025 15:15

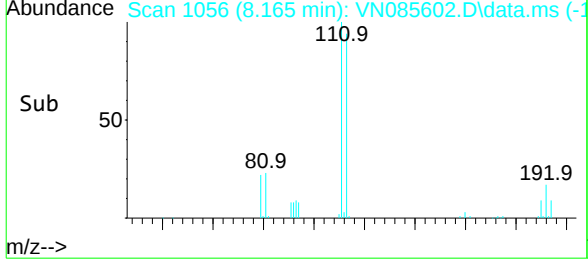
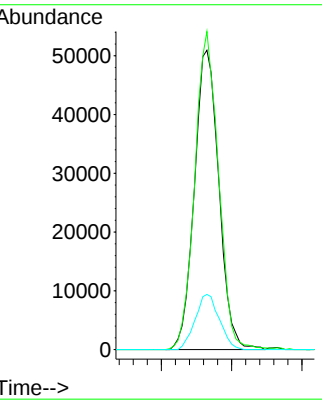
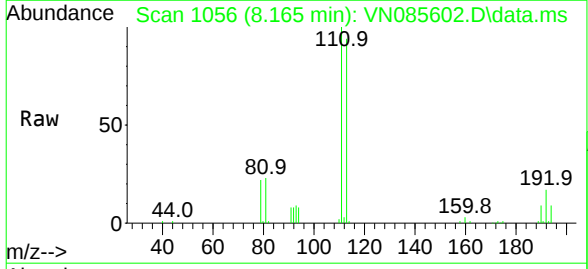
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#07

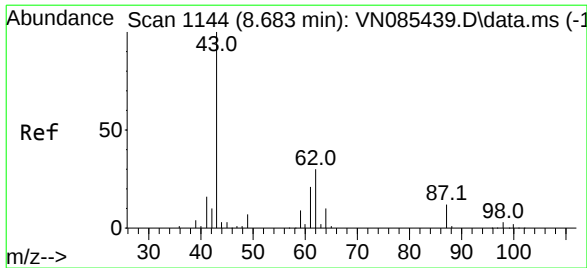
Tgt Ion:	114	Resp:	361116
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	47.6
88	16.4	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 49.313 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085602.D
 Acq: 31 Jan 2025 15:15

Tgt Ion:	113	Resp:	123541
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	18.0	14.3	21.5





#43

Isopropyl Acetate

Concen: 36.522 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085602.D

Acq: 31 Jan 2025 15:15

Instrument :

MSVOA_N

ClientSampleId :

PB166357ZHE#07

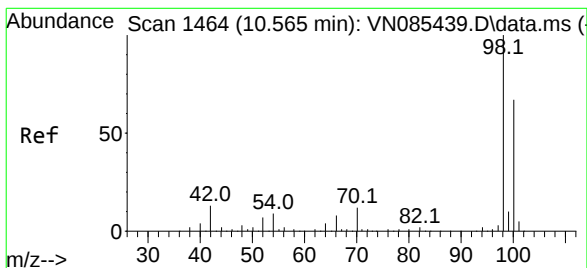
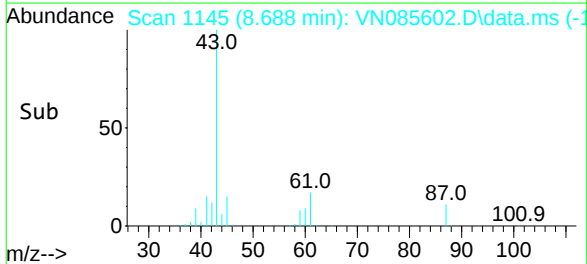
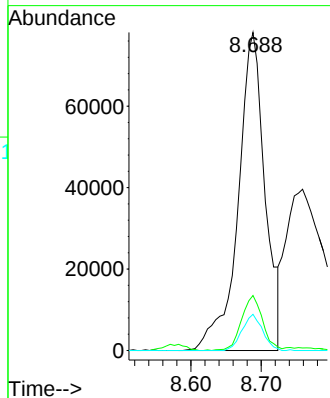
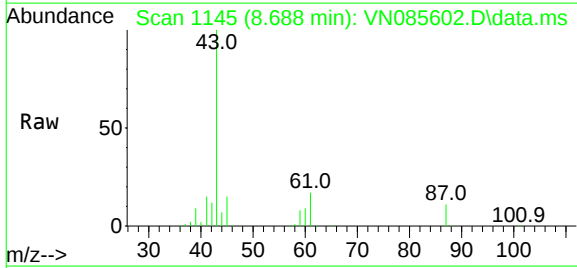
Tgt Ion: 43 Resp: 207687

Ion Ratio Lower Upper

43 100

61 13.5 20.7 31.1#

87 8.6 9.8 14.8#



#50

Toluene-d8

Concen: 51.392 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085602.D

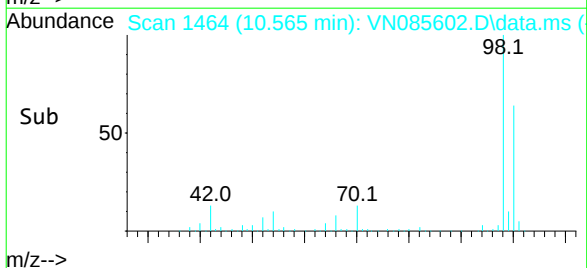
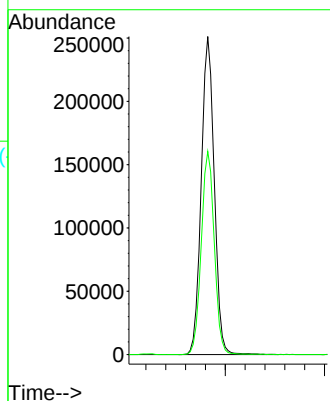
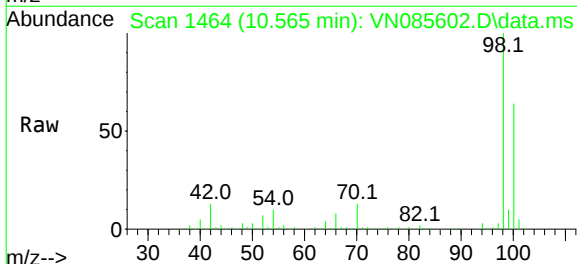
Acq: 31 Jan 2025 15:15

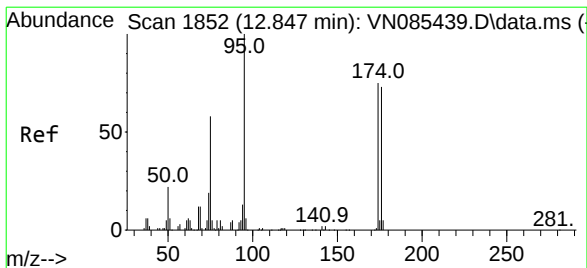
Tgt Ion: 98 Resp: 457451

Ion Ratio Lower Upper

98 100

100 63.9 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 45.040 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085602.D

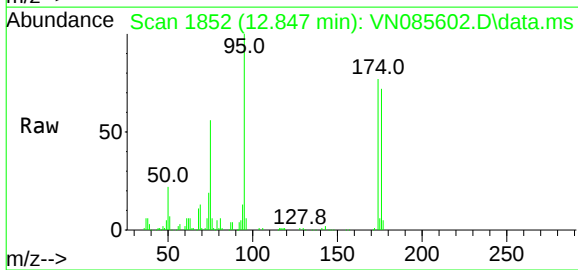
Acq: 31 Jan 2025 15:15

Instrument :

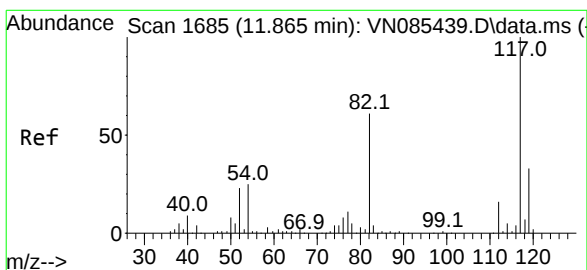
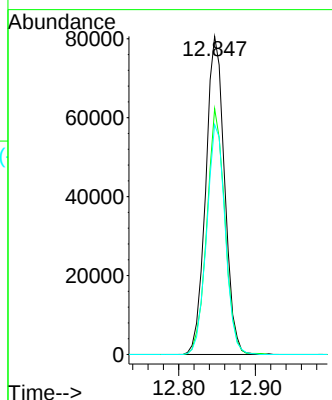
MSVOA_N

ClientSampleId :

PB166357ZHE#07



Tgt Ion:	95	Resp:	137139
Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	145.0
176	71.3	0.0	142.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

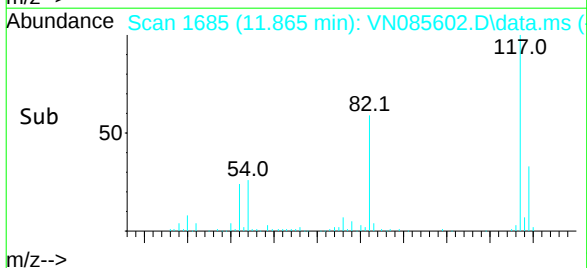
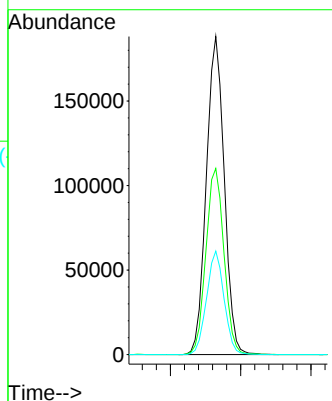
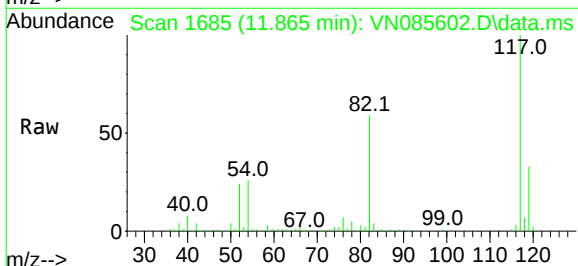
RT: 11.865 min Scan# 1685

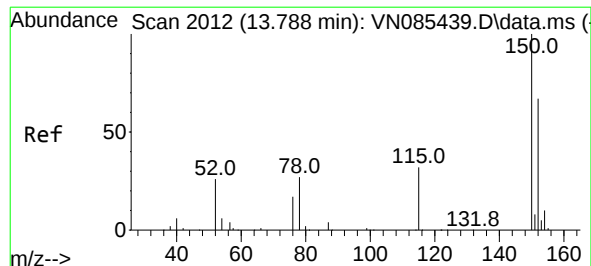
Delta R.T. -0.000 min

Lab File: VN085602.D

Acq: 31 Jan 2025 15:15

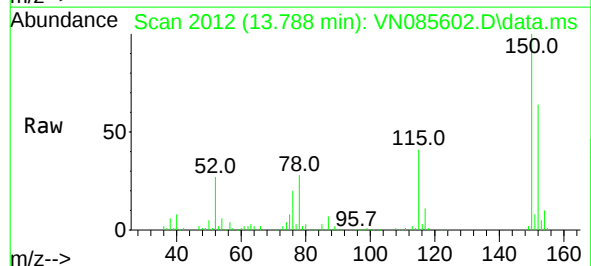
Tgt Ion:	117	Resp:	333777
Ion	Ratio	Lower	Upper
117	100		
82	58.5	48.6	72.8
119	32.5	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085602.D
 Acq: 31 Jan 2025 15:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#07



Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.1	93.3
150	157.2	0.0	343.6

