

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085606.D
 Acq On : 31 Jan 2025 16:52
 Operator : JC\MD
 Sample : PB166357ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#11

Quant Time: Jan 31 22:31:36 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)

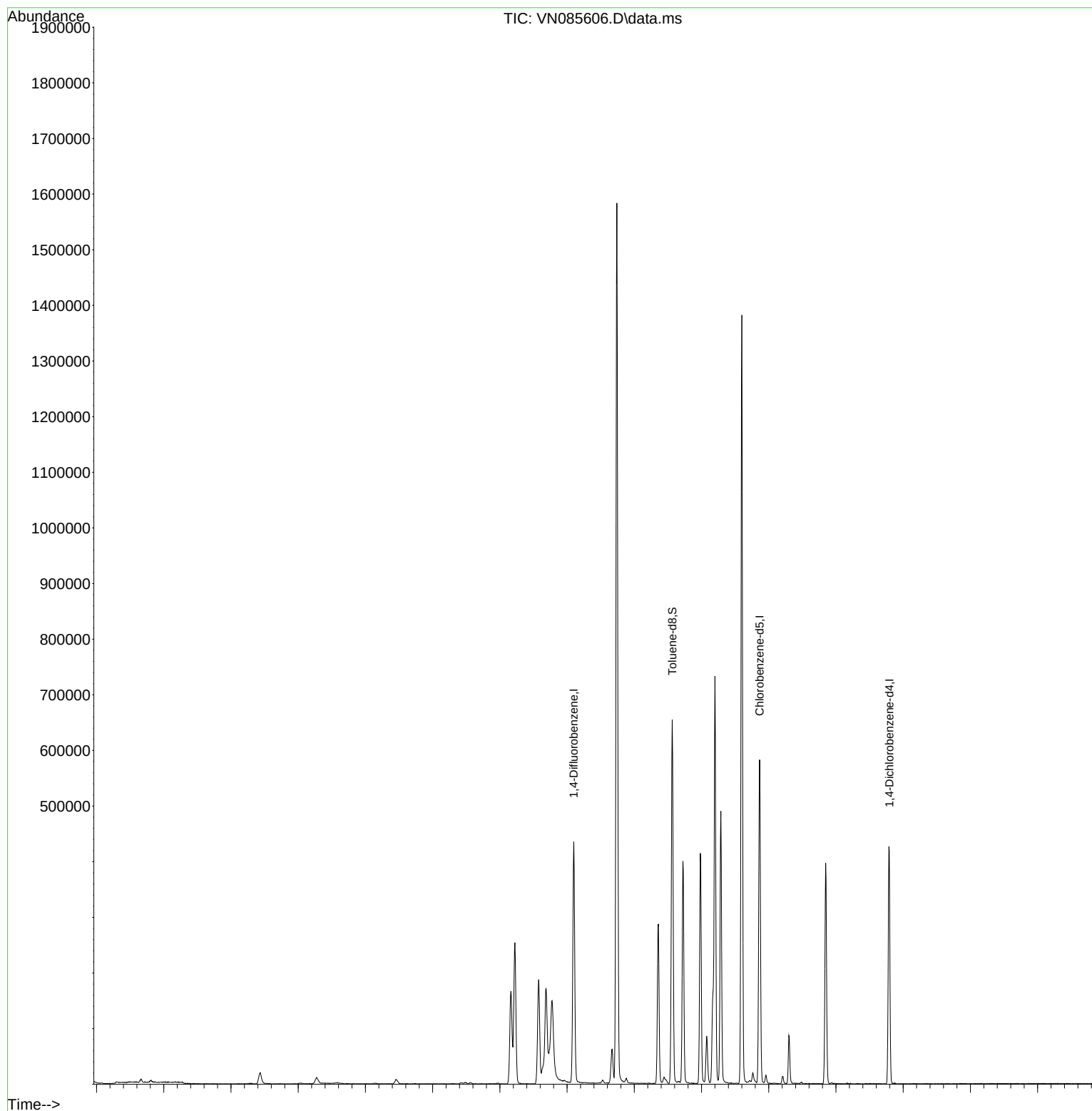
Internal Standards						
1) Pentafluorobenzene	8.224	168	168494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	343770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156269	57.455	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	114.920%	
35) Dibromofluoromethane	8.165	113	117254	49.165	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.320%	
50) Toluene-d8	10.565	98	436816	51.550	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.100%	
62) 4-Bromofluorobenzene	12.847	95	130030	44.860	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	89.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	38748	44.092	ug/l	98
20) Methylene Chloride	5.277	84	7764	3.569	ug/l	91
43) Isopropyl Acetate	8.688	43	228449	42.200	ug/l #	79

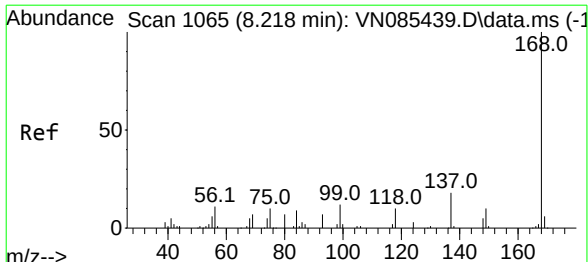
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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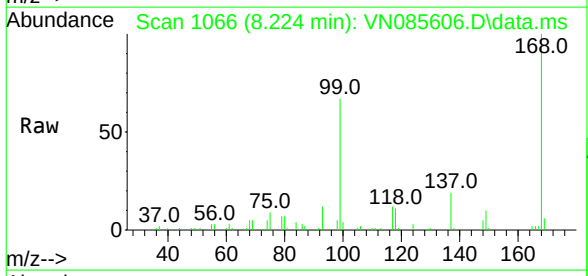
Quant Time: Jan 31 22:31:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
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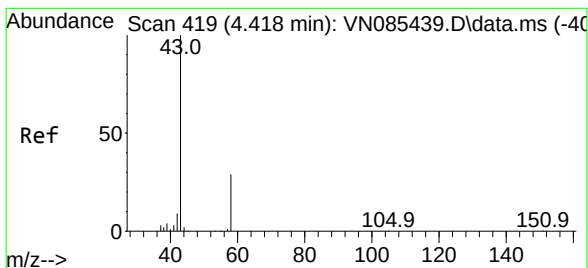
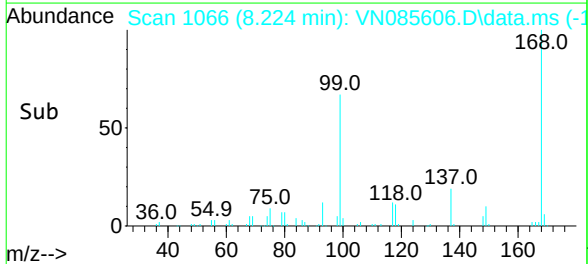
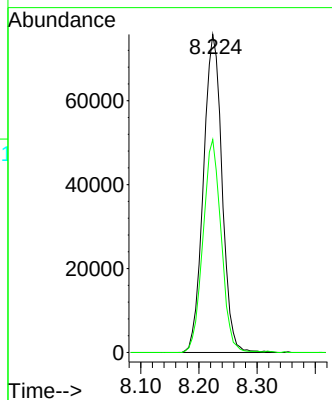


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VN085606.D
 Acq: 31 Jan 2025 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#11

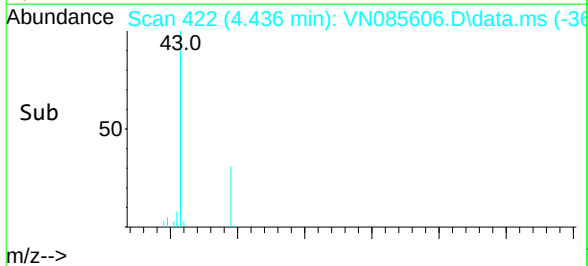
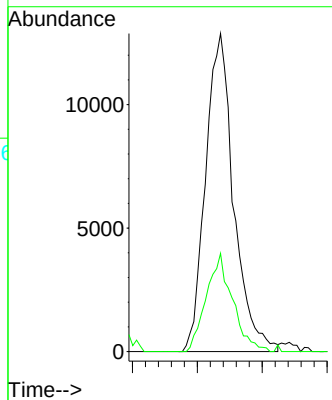
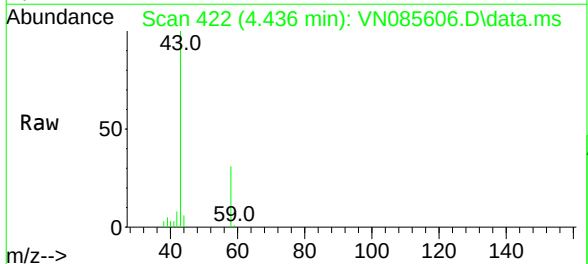


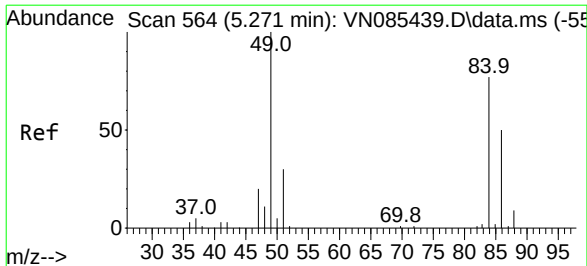
Tgt Ion: 168 Resp: 168494
 Ion Ratio Lower Upper
 168 100
 99 66.9 53.6 80.4



#16
 Acetone
 Concen: 44.092 ug/l
 RT: 4.436 min Scan# 422
 Delta R.T. 0.018 min
 Lab File: VN085606.D
 Acq: 31 Jan 2025 16:52

Tgt Ion: 43 Resp: 38748
 Ion Ratio Lower Upper
 43 100
 58 30.9 23.8 35.6





#20

Methylene Chloride

Concen: 3.569 ug/l

RT: 5.277 min Scan# 56

Delta R.T. 0.006 min

Lab File: VN085606.D

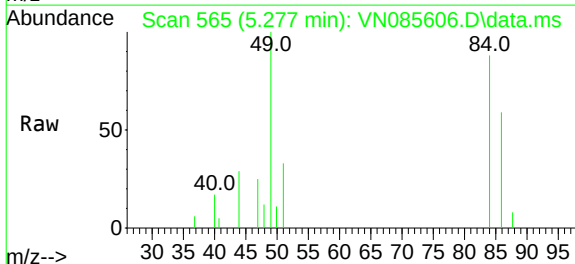
Acq: 31 Jan 2025 16:52

Instrument :

MSVOA_N

ClientSampleId :

PB166357ZHE#11



Tgt Ion: 84 Resp: 7764

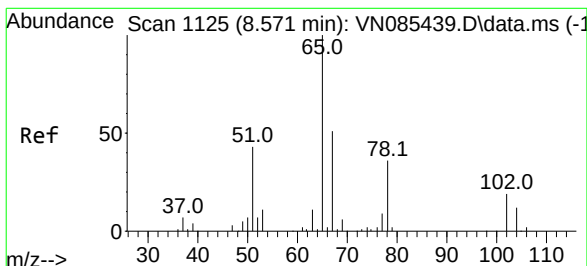
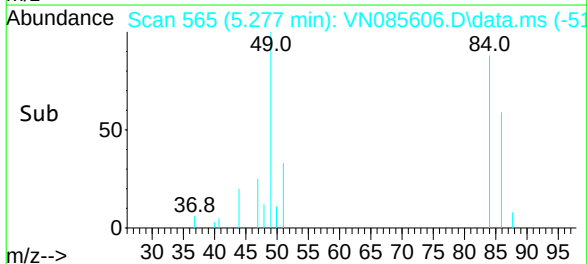
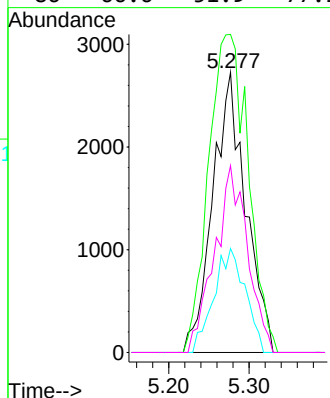
Ion Ratio Lower Upper

84 100

49 113.5 104.1 156.1

51 37.1 31.0 46.4

86 66.6 51.9 77.9



#33

1,2-Dichloroethane-d4

Concen: 57.455 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085606.D

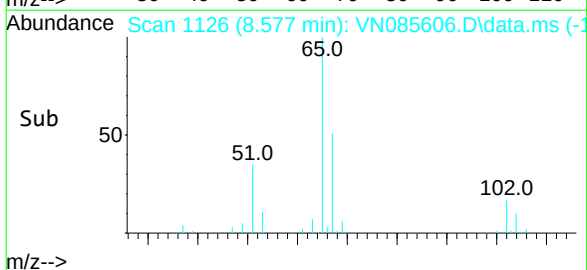
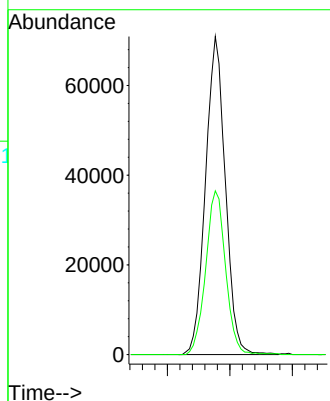
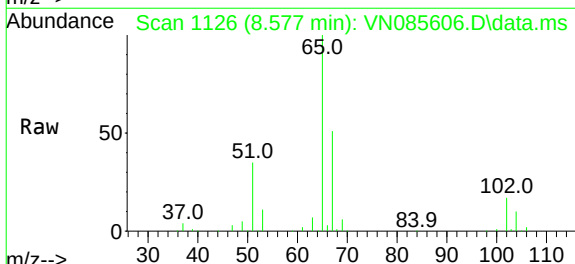
Acq: 31 Jan 2025 16:52

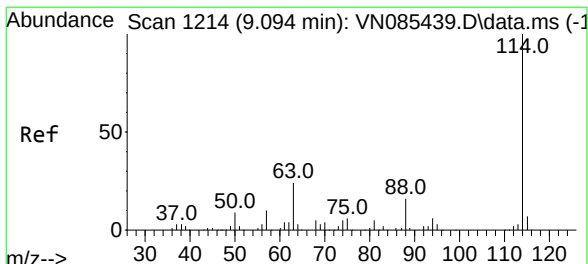
Tgt Ion: 65 Resp: 156269

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.6

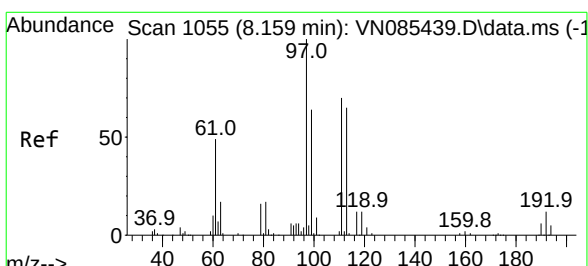
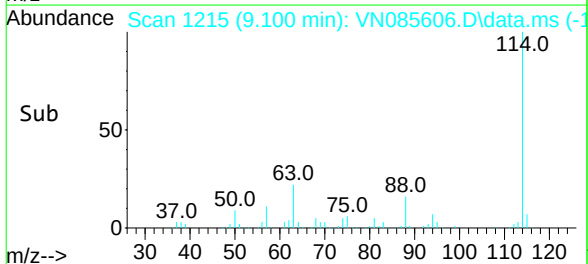
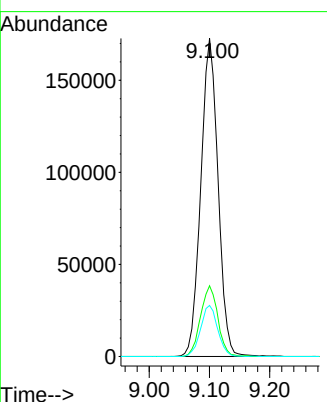
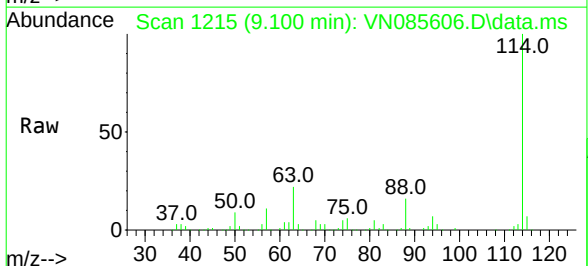




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085606.D
 Acq: 31 Jan 2025 16:52

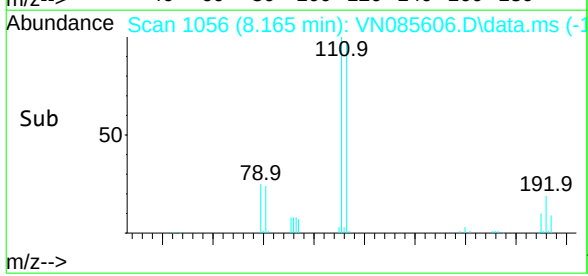
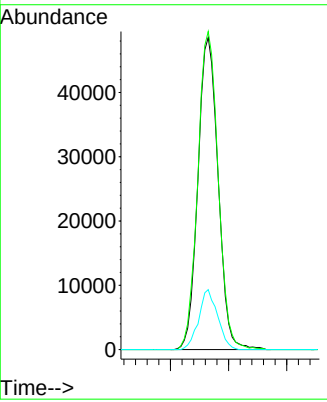
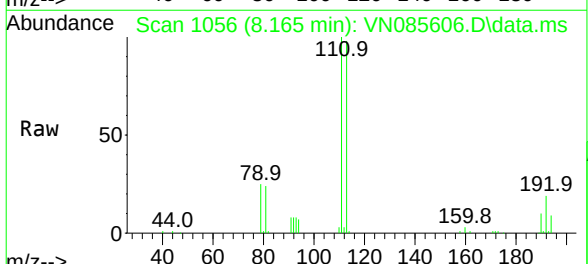
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#11

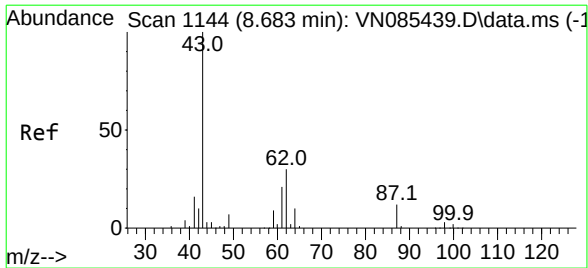
Tgt Ion:	114	Resp:	343770
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	47.6
88	16.0	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 49.165 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085606.D
 Acq: 31 Jan 2025 16:52

Tgt Ion:	113	Resp:	117254
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	18.0	14.3	21.5

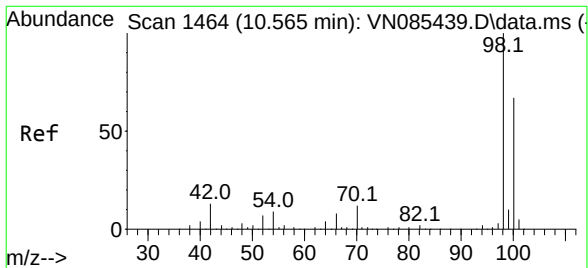
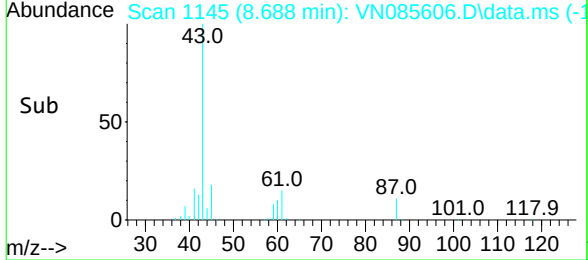
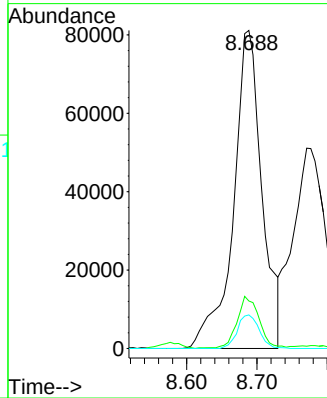
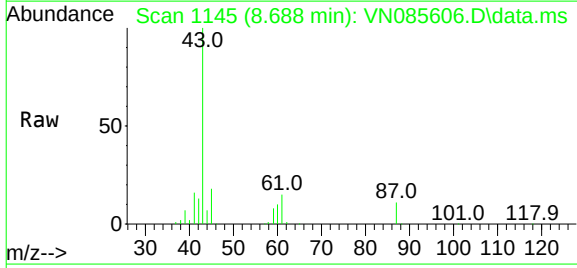




#43
Isopropyl Acetate
Concen: 42.200 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085606.D
Acq: 31 Jan 2025 16:52

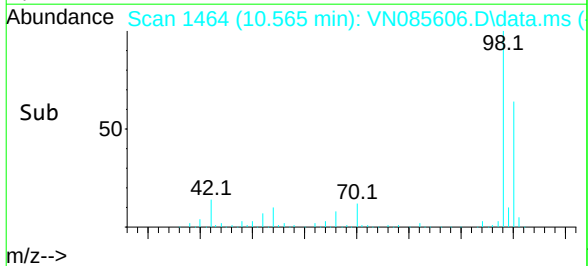
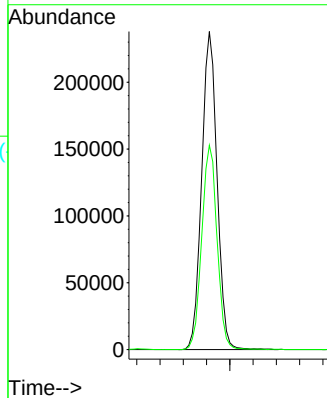
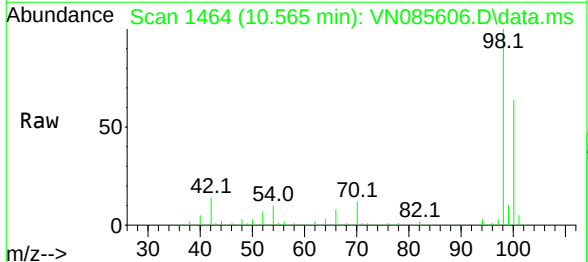
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MSVOA_N
ClientSampleId :
PB166357ZHE#11

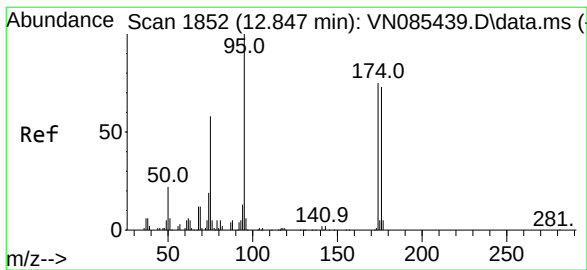
Tgt Ion: 43 Resp: 228449
Ion Ratio Lower Upper
43 100
61 12.8 20.7 31.1#
87 8.1 9.8 14.8#



#50
Toluene-d8
Concen: 51.550 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085606.D
Acq: 31 Jan 2025 16:52

Tgt Ion: 98 Resp: 436816
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4

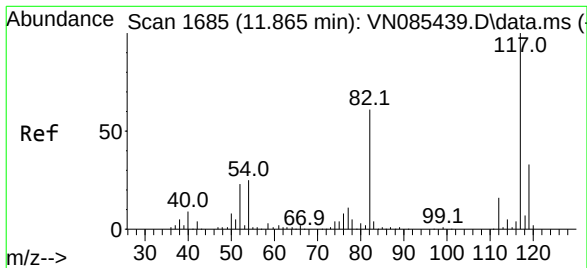
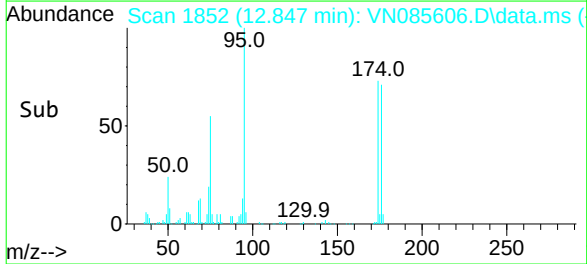
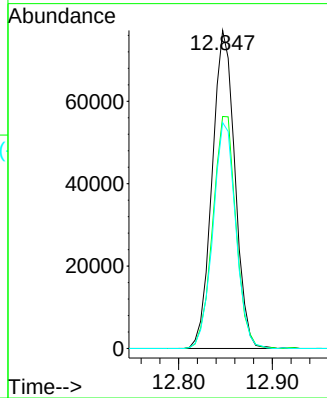
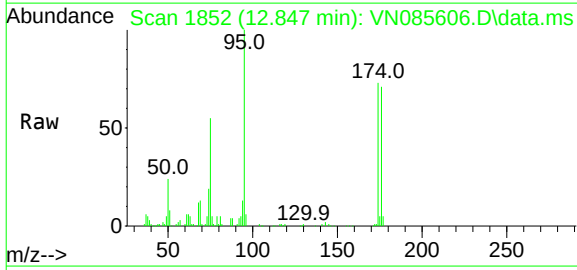




#62
4-Bromofluorobenzene
Concen: 44.860 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085606.D
Acq: 31 Jan 2025 16:52

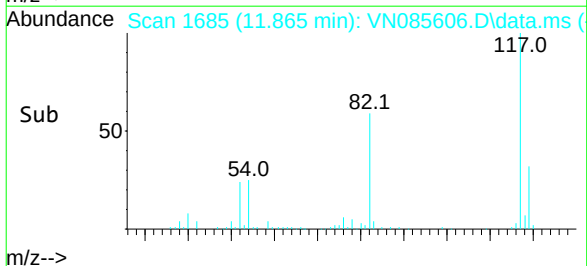
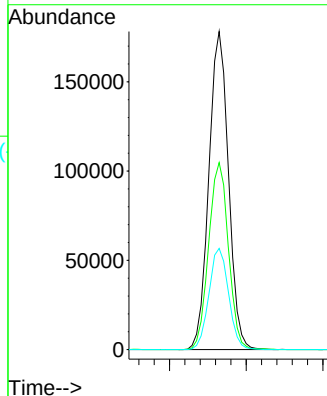
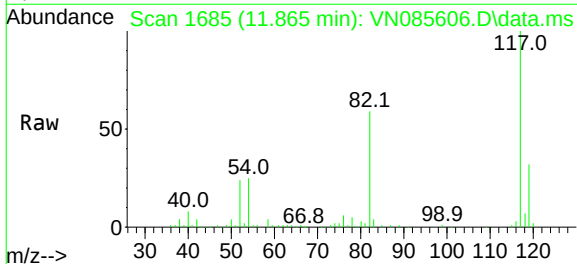
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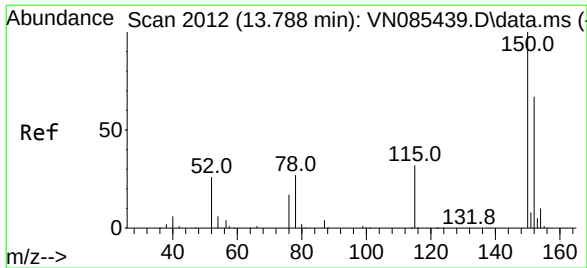
Tgt Ion: 95 Resp: 130030
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.0
176 71.3 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085606.D
Acq: 31 Jan 2025 16:52

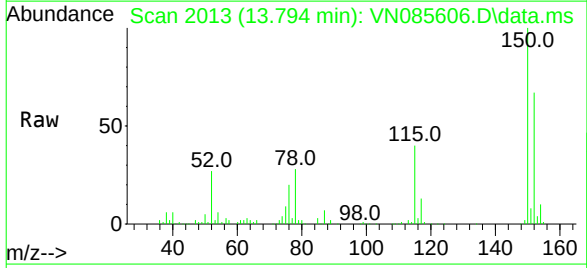
Tgt Ion: 117 Resp: 316221
Ion Ratio Lower Upper
117 100
82 58.8 48.6 72.8
119 31.8 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085606.D
 Acq: 31 Jan 2025 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#11



Tgt Ion:152 Resp: 112694
 Ion Ratio Lower Upper
 152 100
 115 62.0 31.1 93.3
 150 157.4 0.0 343.6

