Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
Data File : VN085601.D
Acq On : 31 Jan 2025 14:51
Operator : JC\MD
Sample : PB166357ZHE#06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#06

Quant Time: Jan 31 22:29:16 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	165172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154187	57.830	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.660%			
35) Dibromofluoromethane	8.165	113	116336	50.203	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.400%			
50) Toluene-d8	10.565	98	433259	52.623	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.240%			
62) 4-Bromofluorobenzene	12.847	95	131348	46.637	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.280%			
Target Compounds						Qvalue
16) Acetone	4.424	43	32077	37.235	ug/l	96
20) Methylene Chloride	5.265	84	5599	2.625	ug/l #	79
30) Chloroform	7.971	83	6298	1.565	ug/l	84
43) Isopropyl Acetate	8.688	43	200703	38.156	ug/l #	82

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

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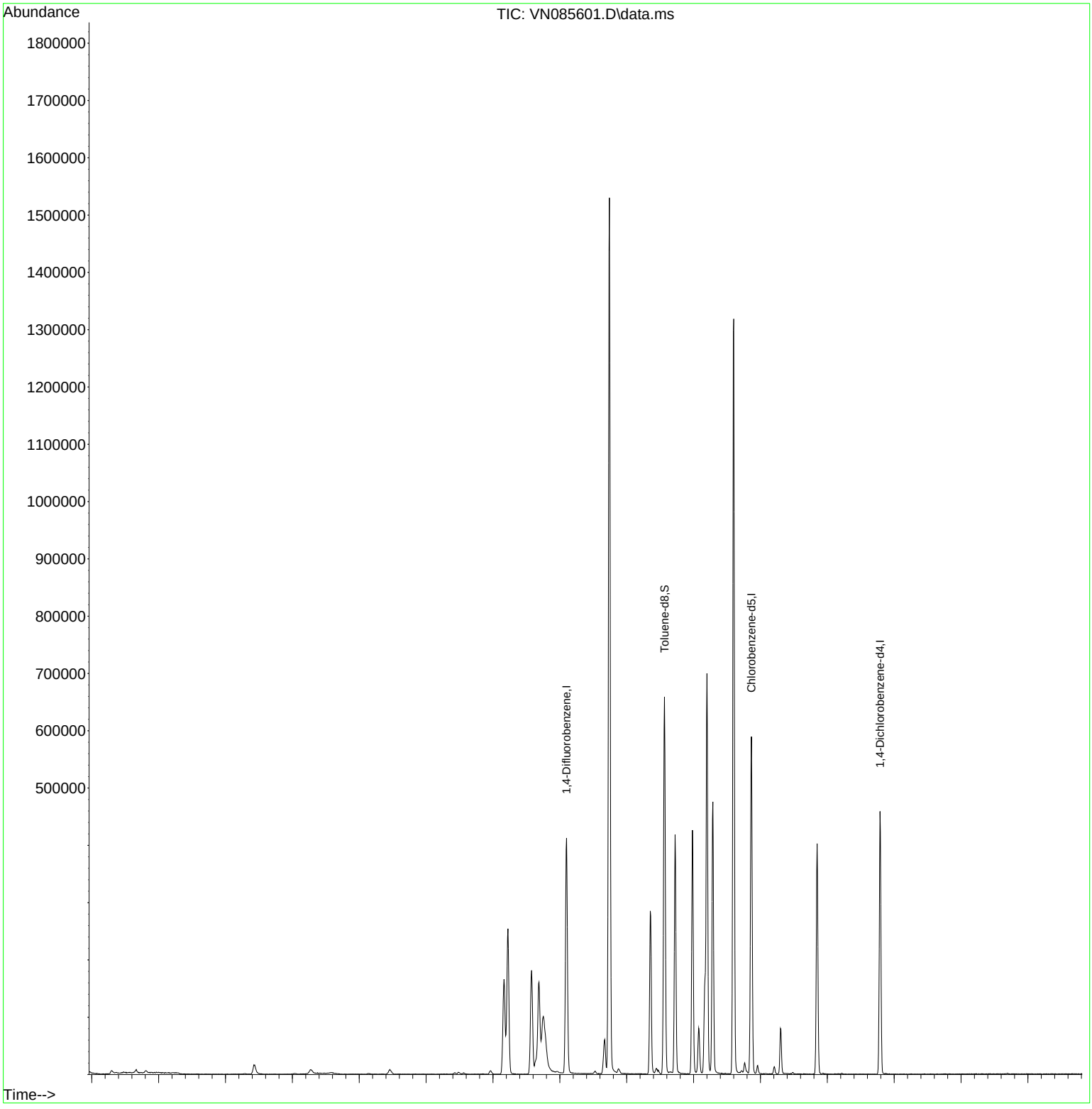
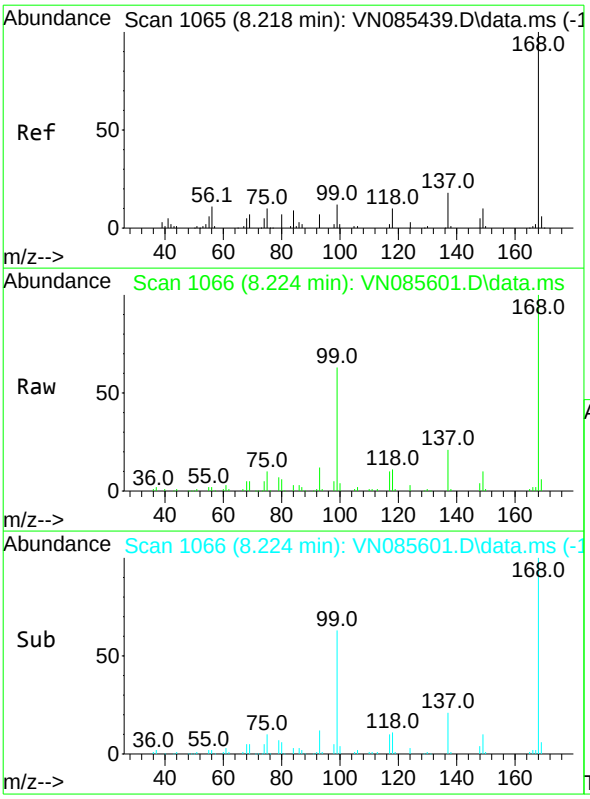


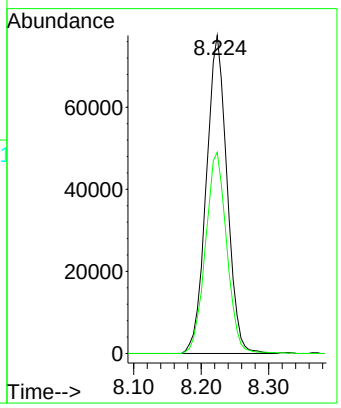


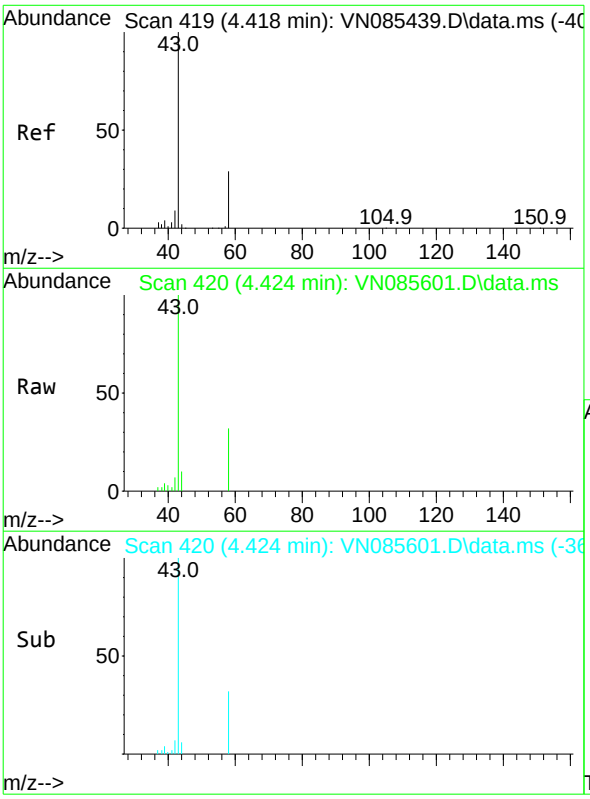
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085601.D
Acq: 31 Jan 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#06

Tgt Ion:168 Resp: 165172

Ion	Ratio	Lower	Upper
168	100		
99	63.3	53.6	80.4

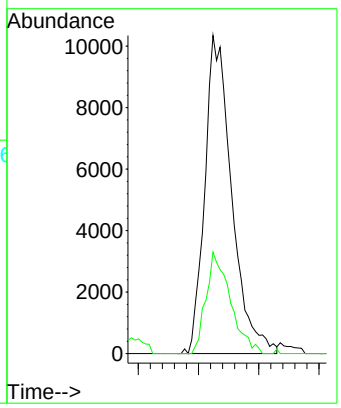


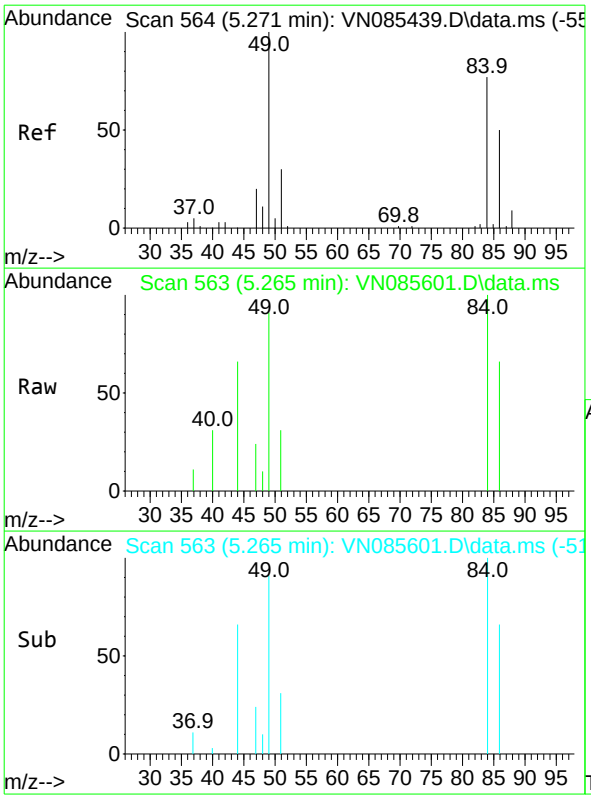


#16
Acetone
Concen: 37.235 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085601.D
Acq: 31 Jan 2025 14:51

Tgt Ion: 43 Resp: 32077

Ion	Ratio	Lower	Upper
43	100		
58	31.9	23.8	35.6



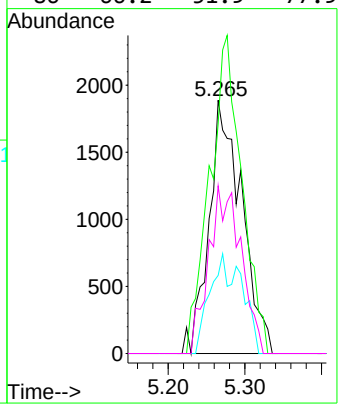


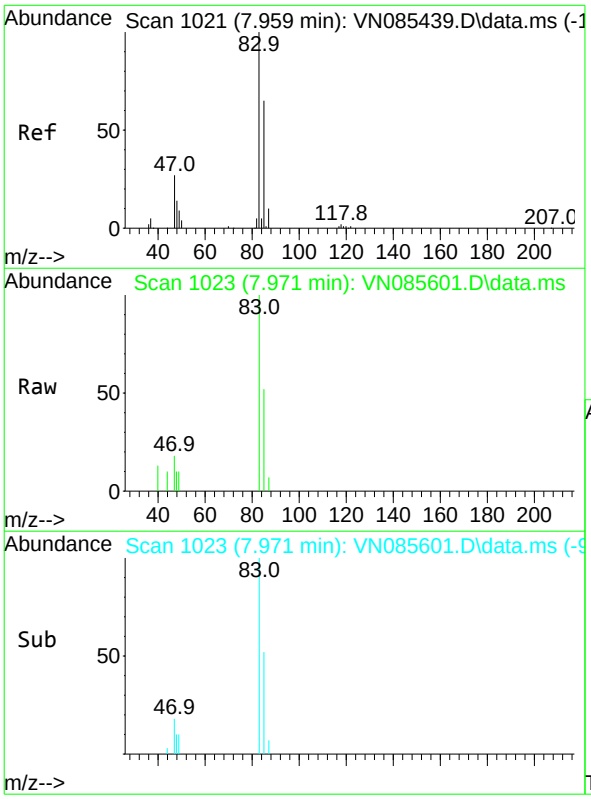
#20
Methylene Chloride
Concen: 2.625 ug/l
RT: 5.265 min Scan# 56
Delta R.T. -0.006 min
Lab File: VN085601.D
Acq: 31 Jan 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#06

Tgt Ion: 84 Resp: 5599

Ion	Ratio	Lower	Upper
84	100		
49	90.7	104.1	156.1#
51	30.8	31.0	46.4#
86	66.2	51.9	77.9

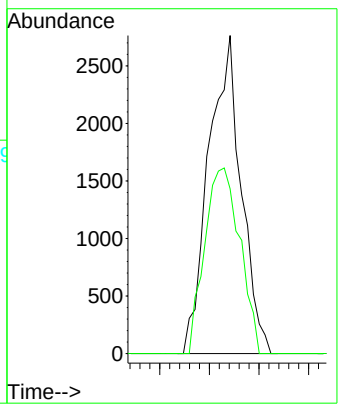


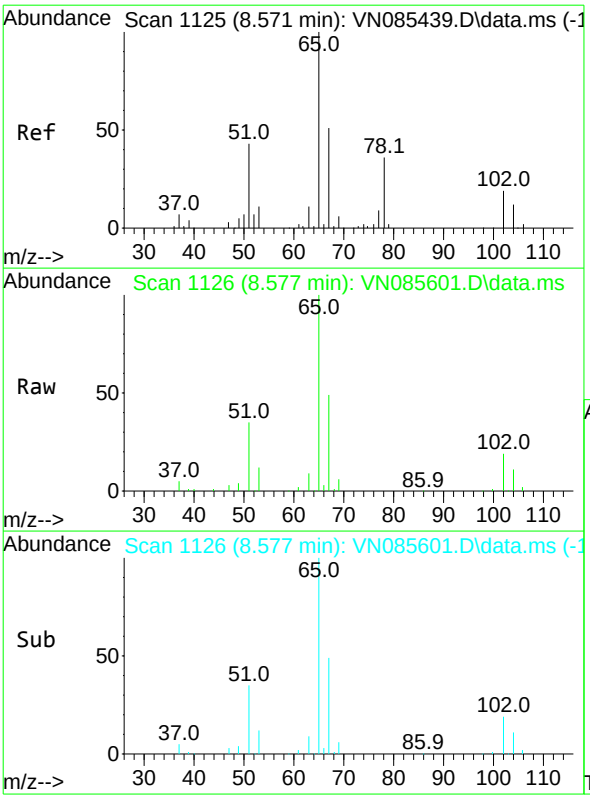


#30
Chloroform
Concen: 1.565 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.012 min
Lab File: VN085601.D
Acq: 31 Jan 2025 14:51

Tgt Ion: 83 Resp: 6298

Ion	Ratio	Lower	Upper
83	100		
85	51.8	51.8	77.6



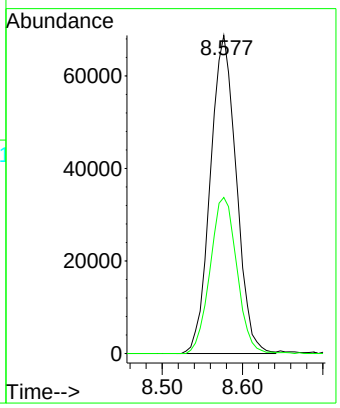


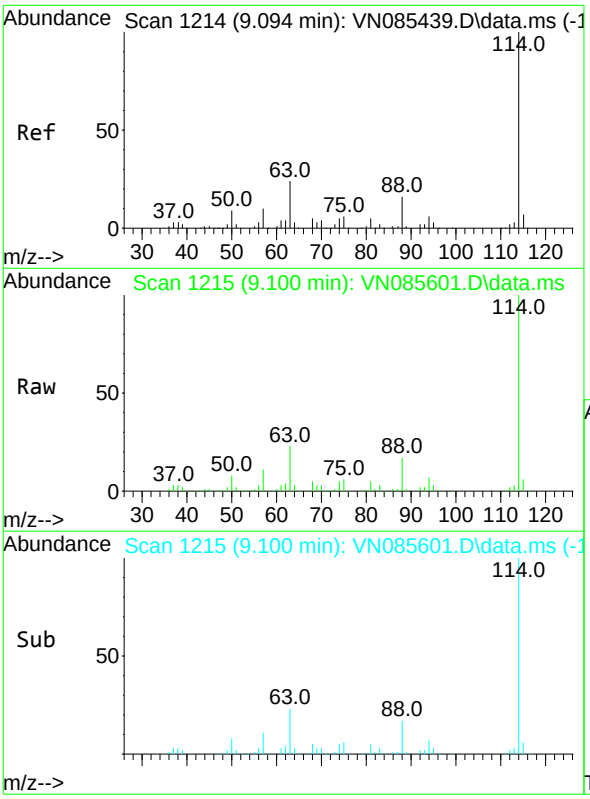
#33
1,2-Dichloroethane-d4
Concen: 57.830 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085601.D
Acq: 31 Jan 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#06

Tgt Ion: 65 Resp: 154187

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.6

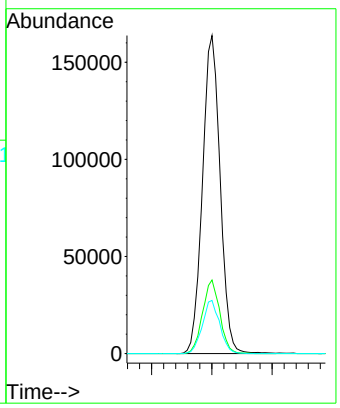


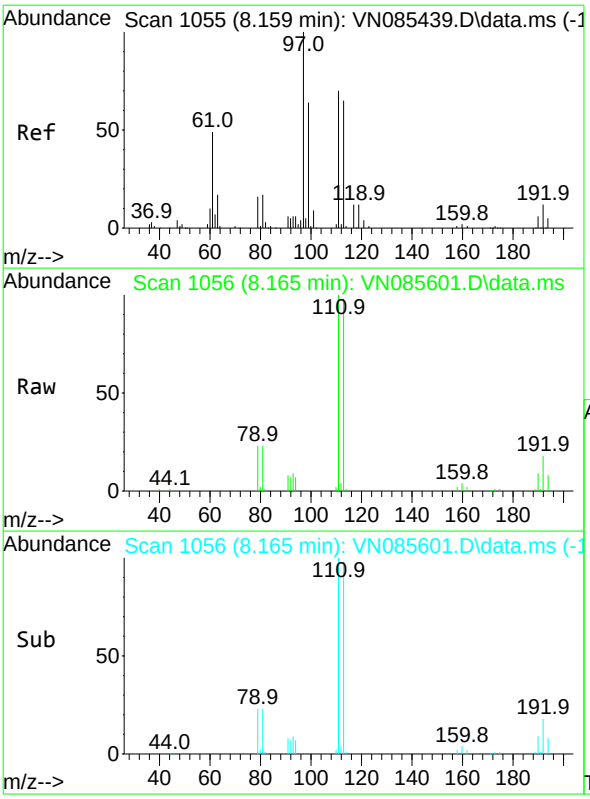


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085601.D
Acq: 31 Jan 2025 14:51

Tgt Ion:114 Resp: 334024

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	47.6
88	16.7	0.0	32.6



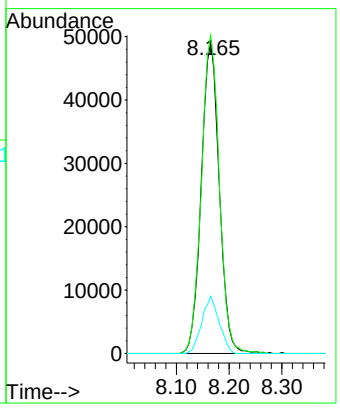


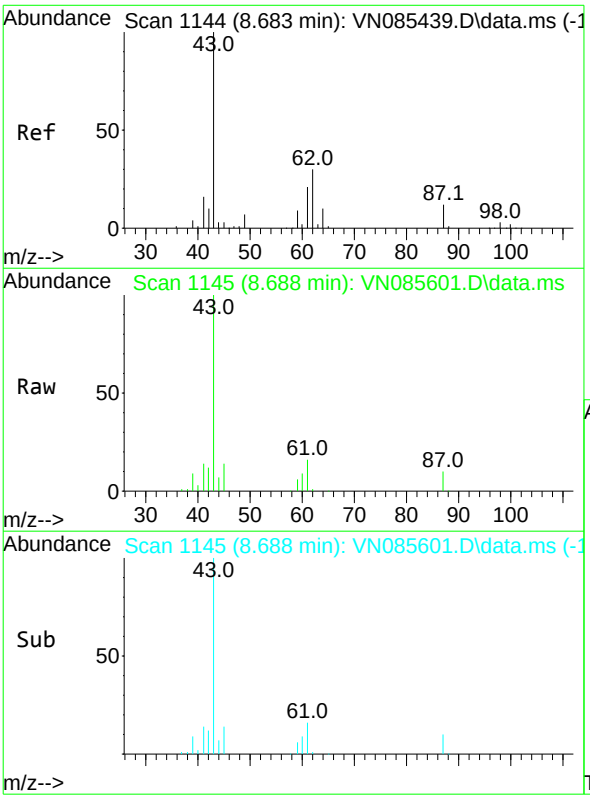
#35
Dibromofluoromethane
Concen: 50.203 ug/l
RT: 8.165 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085601.D
Acq: 31 Jan 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#06

Tgt Ion:113 Resp: 116336

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	17.7	14.3	21.5

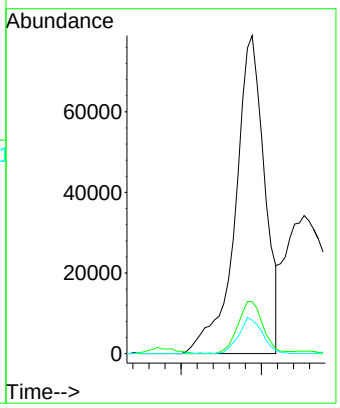


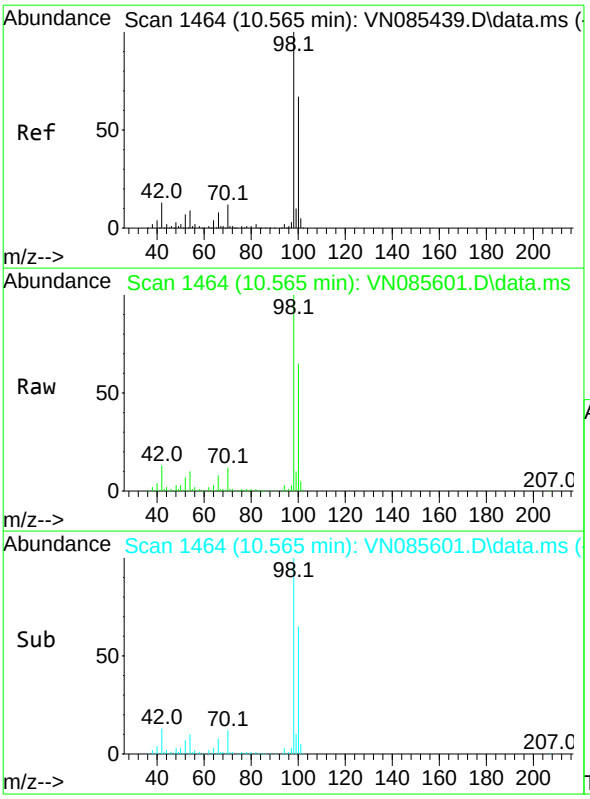


#43
Isopropyl Acetate
Concen: 38.156 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085601.D
Acq: 31 Jan 2025 14:51

Tgt Ion: 43 Resp: 200703

Ion	Ratio	Lower	Upper
43	100		
61	14.1	20.7	31.1#
87	9.0	9.8	14.8#



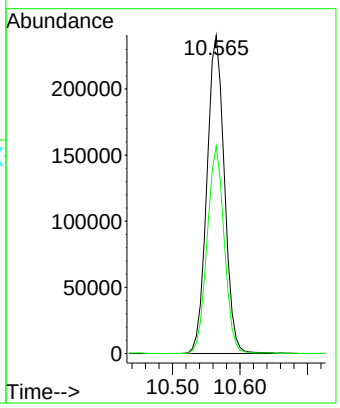


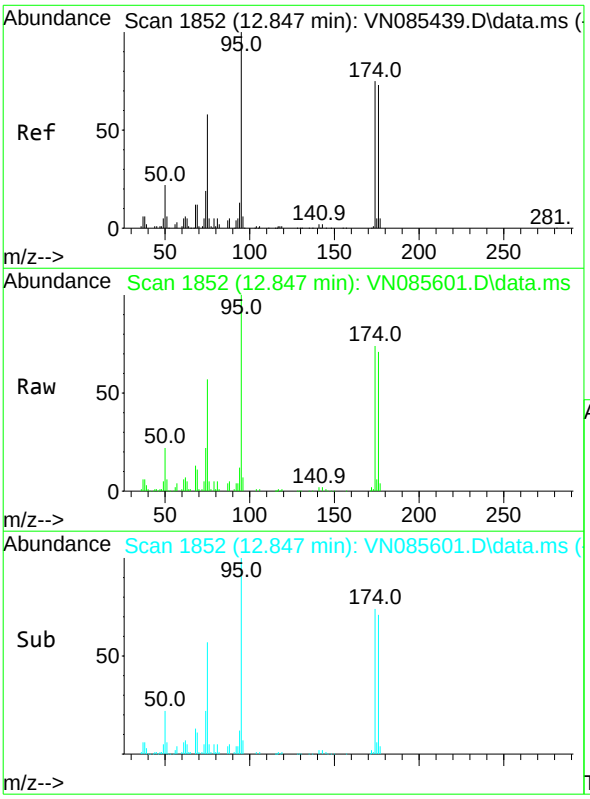
#50
Toluene-d8
Concen: 52.623 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085601.D
Acq: 31 Jan 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#06

Tgt Ion: 98 Resp: 433259

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.2	78.4

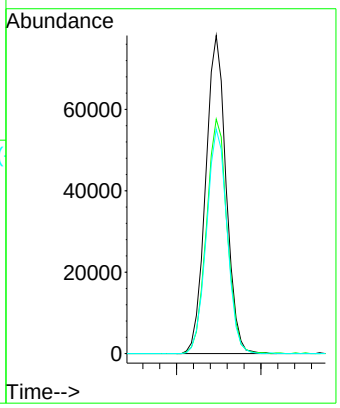


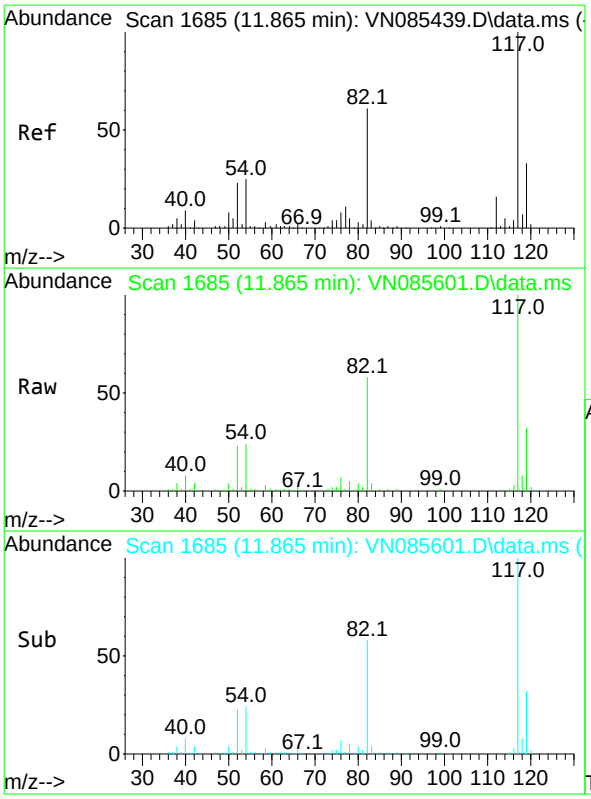


#62
4-Bromofluorobenzene
Concen: 46.637 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085601.D
Acq: 31 Jan 2025 14:51

Tgt Ion: 95 Resp: 131348

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	145.0
176	71.0	0.0	142.4



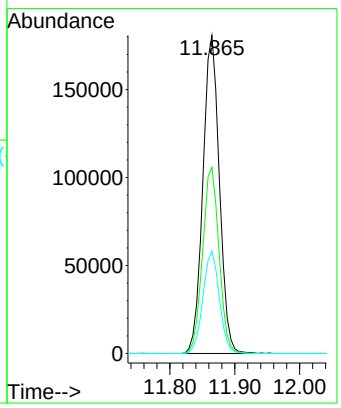


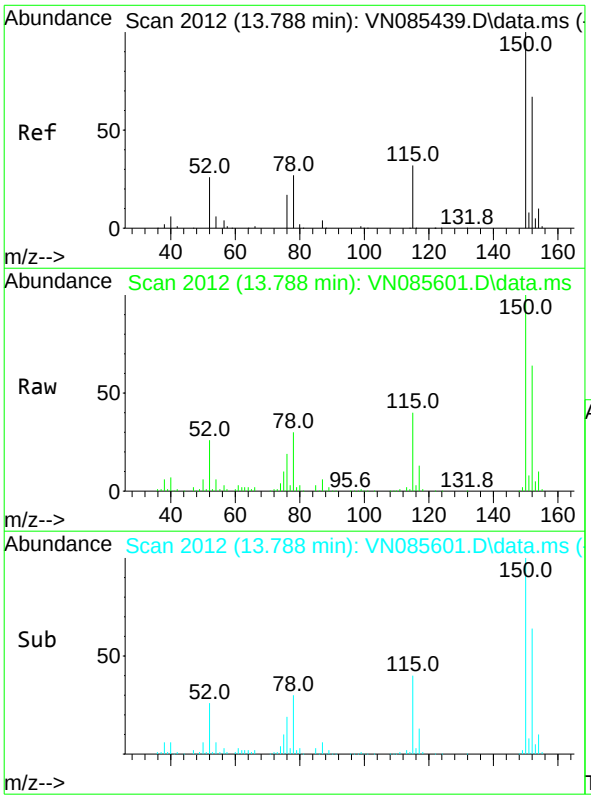
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN085601.D
Acq: 31 Jan 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#06

Tgt Ion:117 Resp: 318970

Ion	Ratio	Lower	Upper
117	100		
82	58.5	48.6	72.8
119	32.2	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: VN085601.D
Acq: 31 Jan 2025 14:51

Tgt Ion:152 Resp: 116849

Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.1	93.3
150	157.9	0.0	343.6