Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
Data File : VN085493.D
Acq On : 17 Jan 2025 14:48
Operator : JC\MD
Sample : PB166090ZHE#04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#04

Quant Time: Jan 17 22:36:06 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	176920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158810	55.609	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.220%			
35) Dibromofluoromethane	8.165	113	117383	49.010	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.020%			
50) Toluene-d8	10.565	98	443044	52.064	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.120%			
62) 4-Bromofluorobenzene	12.847	95	134810	46.311	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.620%			
Target Compounds						Qvalue
16) Acetone	4.424	43	117697	127.550	ug/l	96
20) Methylene Chloride	5.265	84	2401	1.051	ug/l	83
25) 2-Butanone	7.483	43	12045	8.870	ug/l	98
43) Isopropyl Acetate	8.683	43	242469	44.599	ug/l #	78

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

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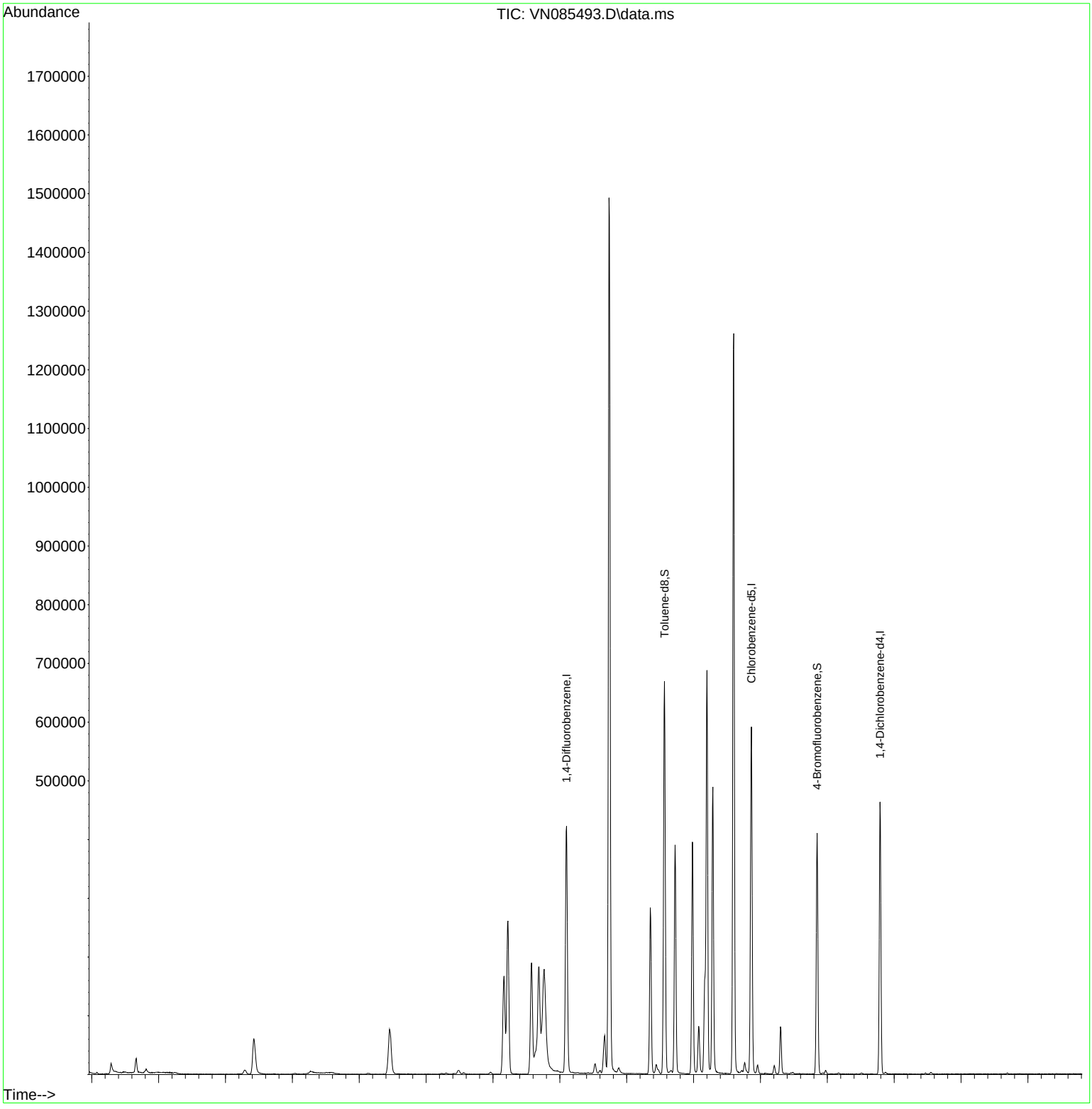
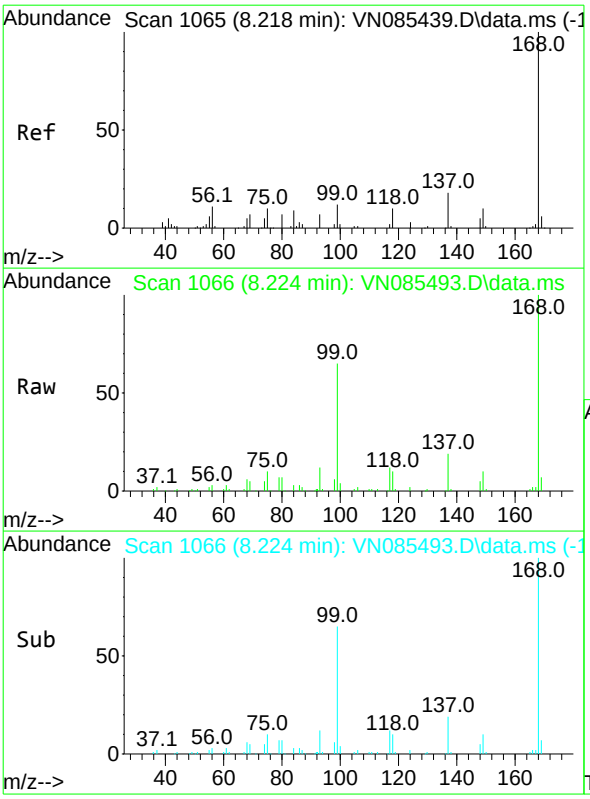


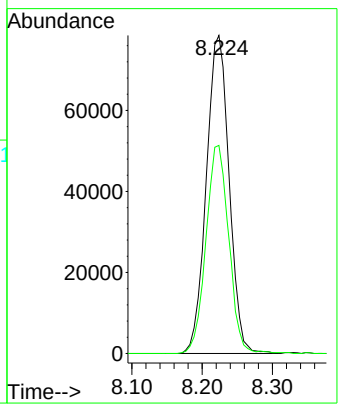


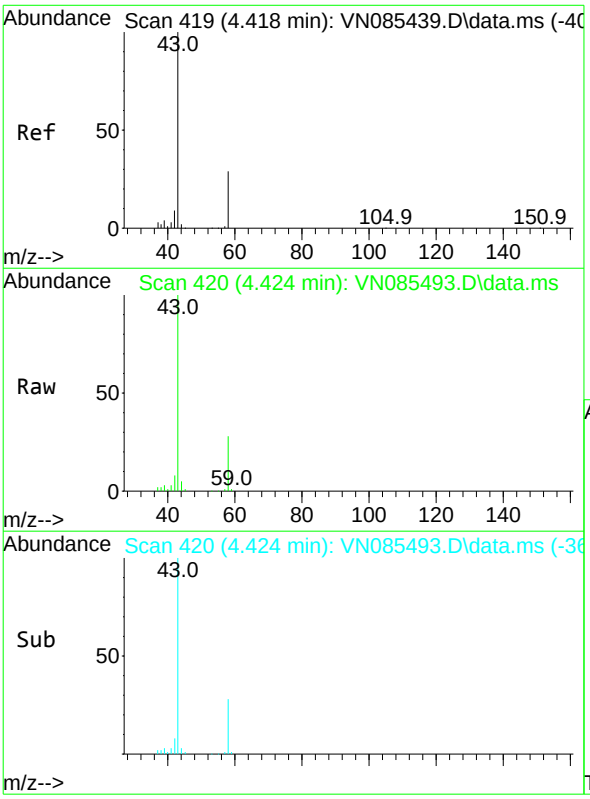
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085493.D
Acq: 17 Jan 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#04

Tgt Ion:168 Resp: 176920

Ion	Ratio	Lower	Upper
168	100		
99	65.4	53.6	80.4

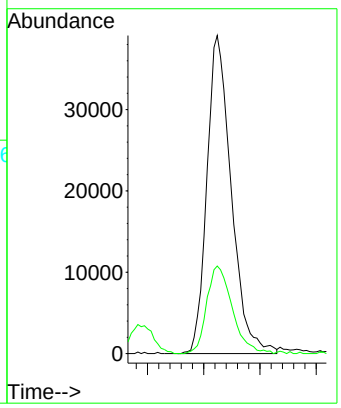


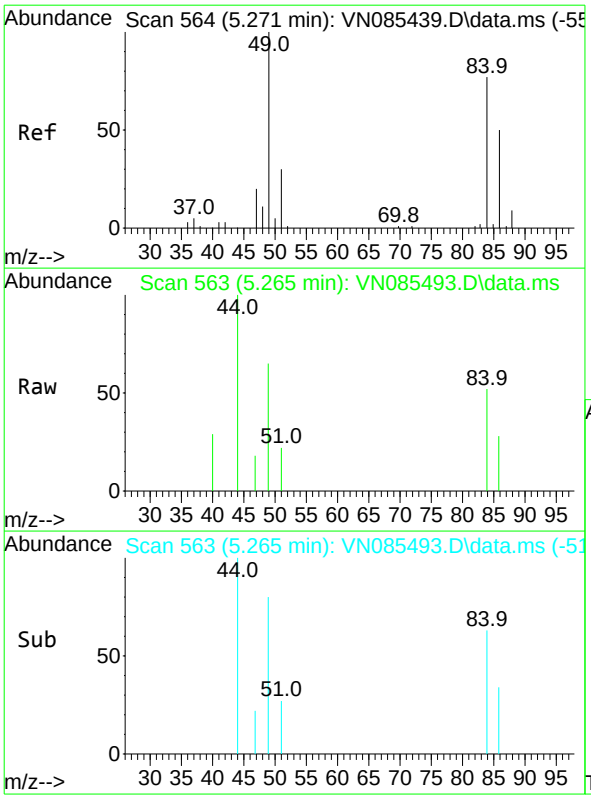


#16
Acetone
Concen: 127.550 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085493.D
Acq: 17 Jan 2025 14:48

Tgt Ion: 43 Resp: 117697

Ion	Ratio	Lower	Upper
43	100		
58	27.5	23.8	35.6



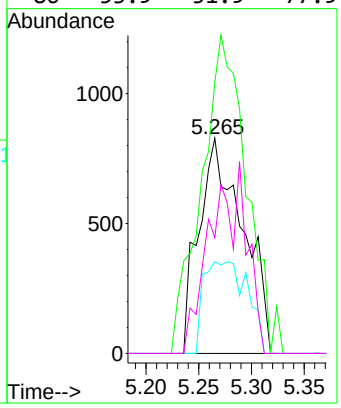


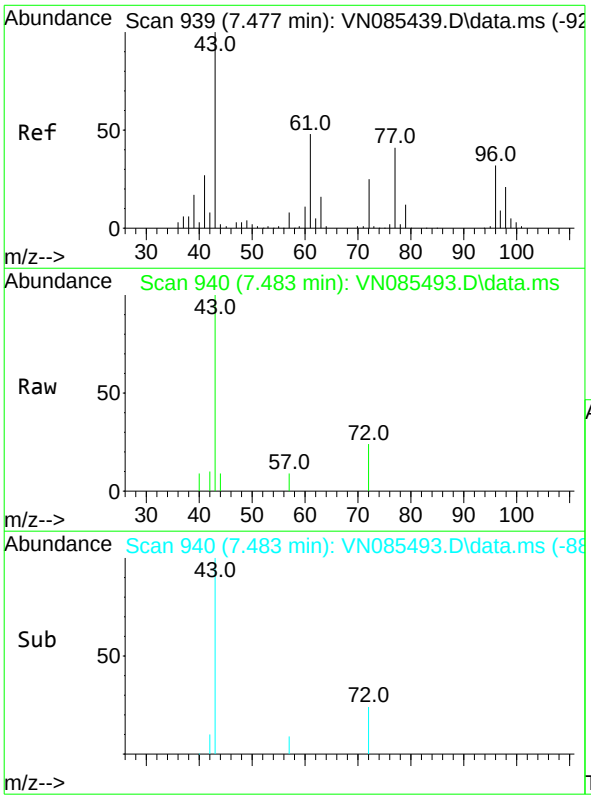
#20
Methylene Chloride
Concen: 1.051 ug/l
RT: 5.265 min Scan# 56
Delta R.T. -0.006 min
Lab File: VN085493.D
Acq: 17 Jan 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#04

Tgt Ion: 84 Resp: 2401

Ion	Ratio	Lower	Upper
84	100		
49	104.1	104.1	156.1
51	42.6	31.0	46.4
86	53.9	51.9	77.9

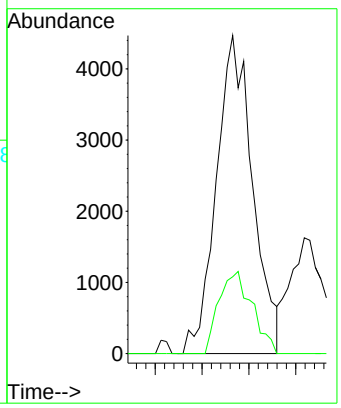


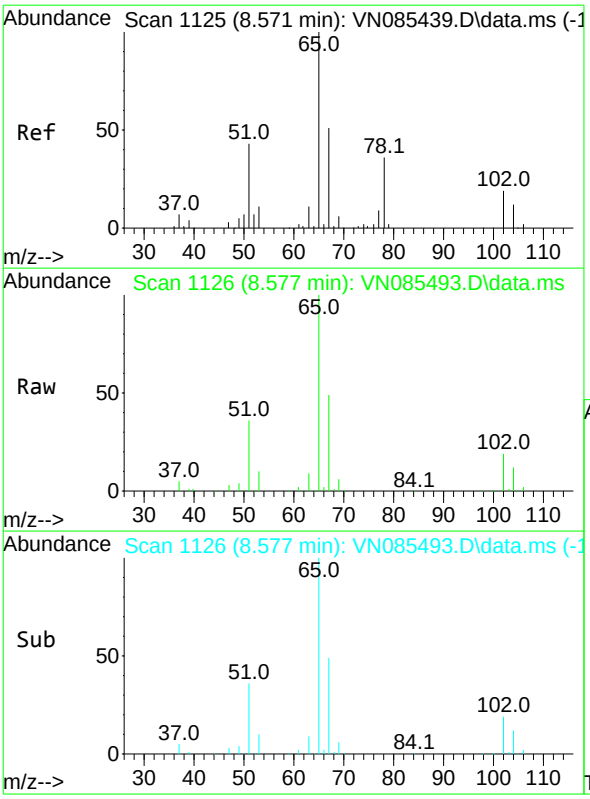


#25
2-Butanone
Concen: 8.870 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085493.D
Acq: 17 Jan 2025 14:48

Tgt Ion: 43 Resp: 12045

Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.2	30.4



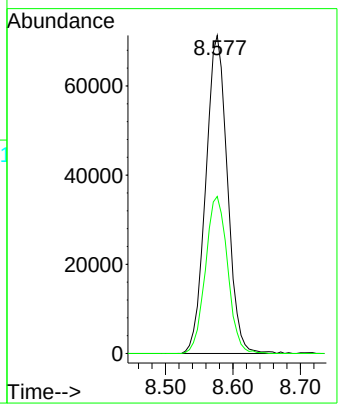


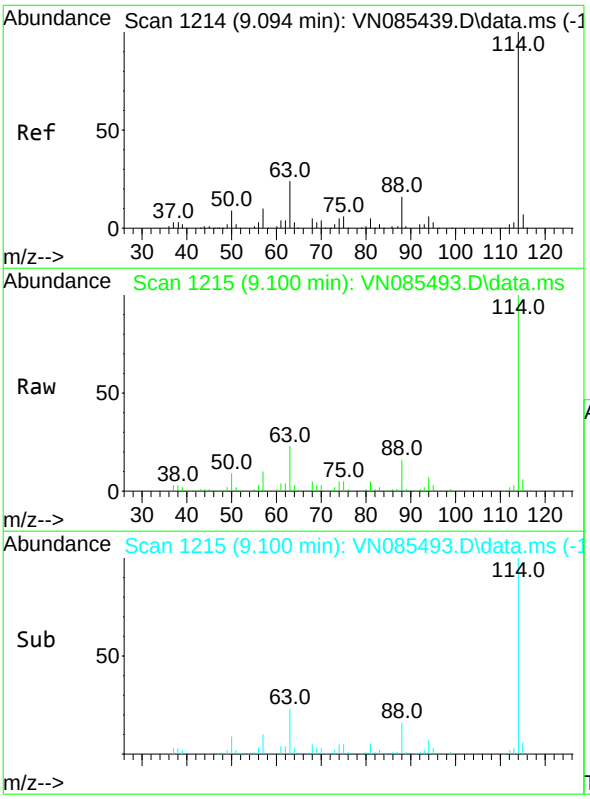
#33
1,2-Dichloroethane-d4
Concen: 55.609 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085493.D
Acq: 17 Jan 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#04

Tgt Ion: 65 Resp: 158810

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.6

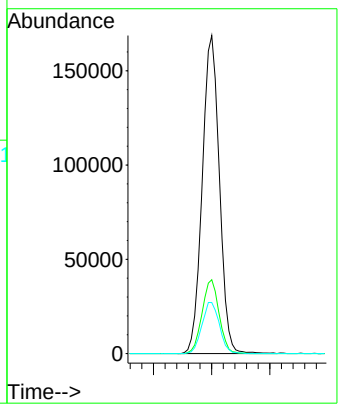


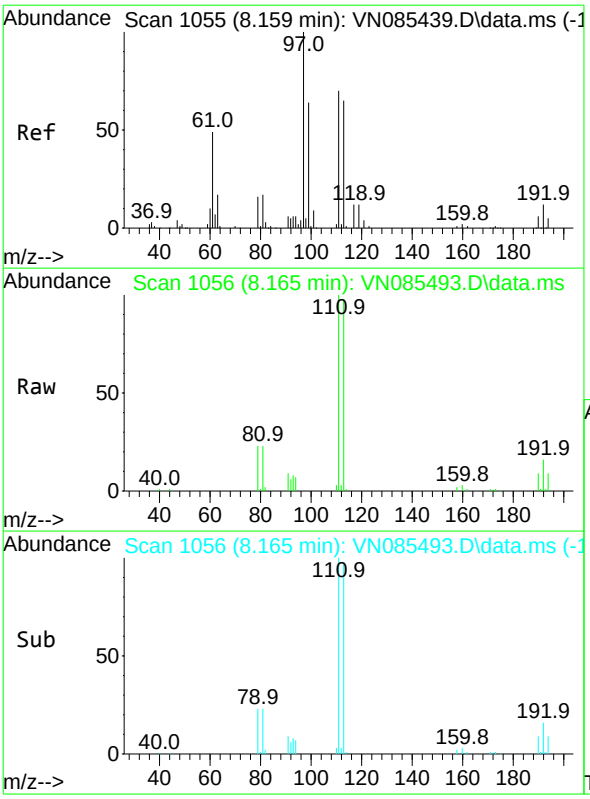


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085493.D
Acq: 17 Jan 2025 14:48

Tgt Ion:114 Resp: 345235

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	47.6
88	16.0	0.0	32.6



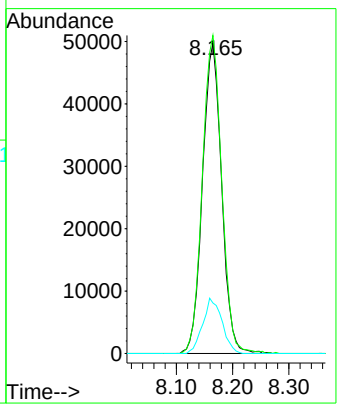


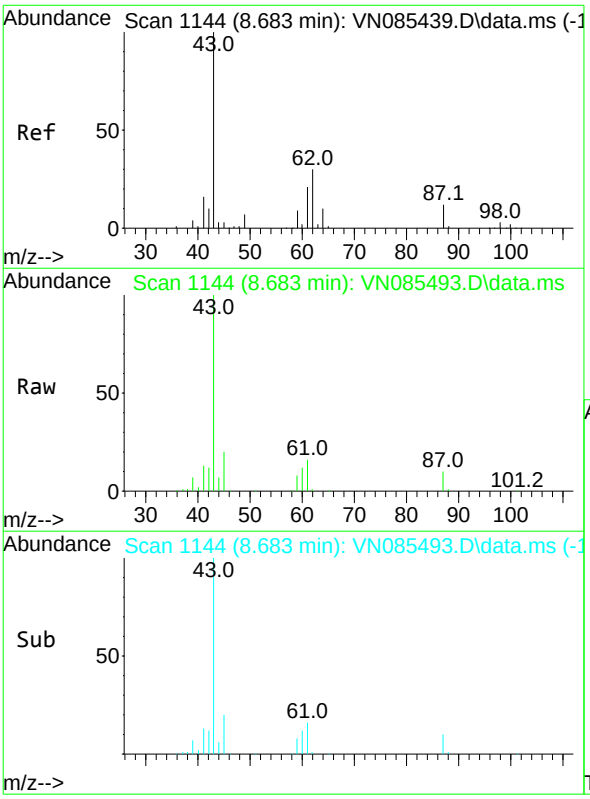
#35
Dibromofluoromethane
Concen: 49.010 ug/l
RT: 8.165 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085493.D
Acq: 17 Jan 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#04

Tgt Ion:113 Resp: 117383

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	18.0	14.3	21.5

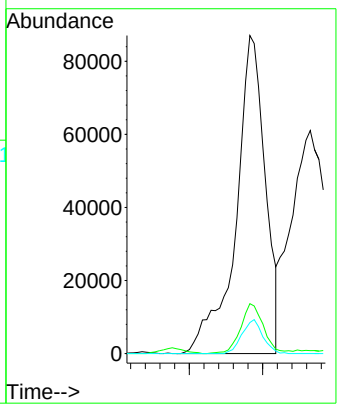


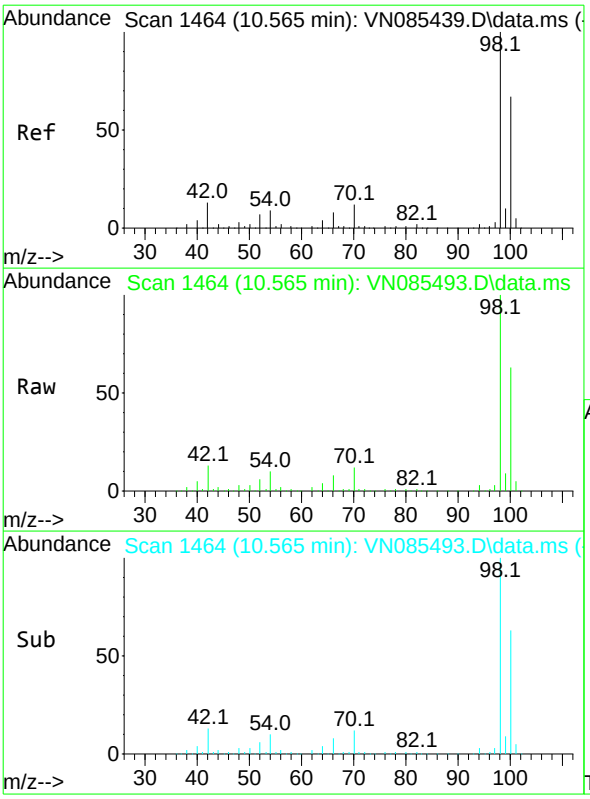


#43
Isopropyl Acetate
Concen: 44.599 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085493.D
Acq: 17 Jan 2025 14:48

Tgt Ion: 43 Resp: 242469

Ion	Ratio	Lower	Upper
43	100		
61	12.1	20.7	31.1#
87	7.5	9.8	14.8#



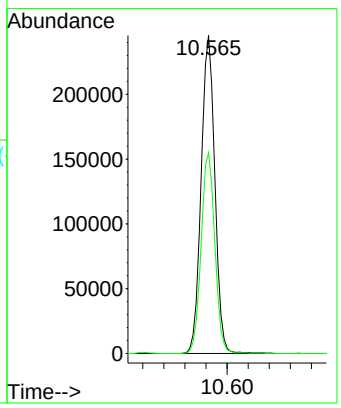


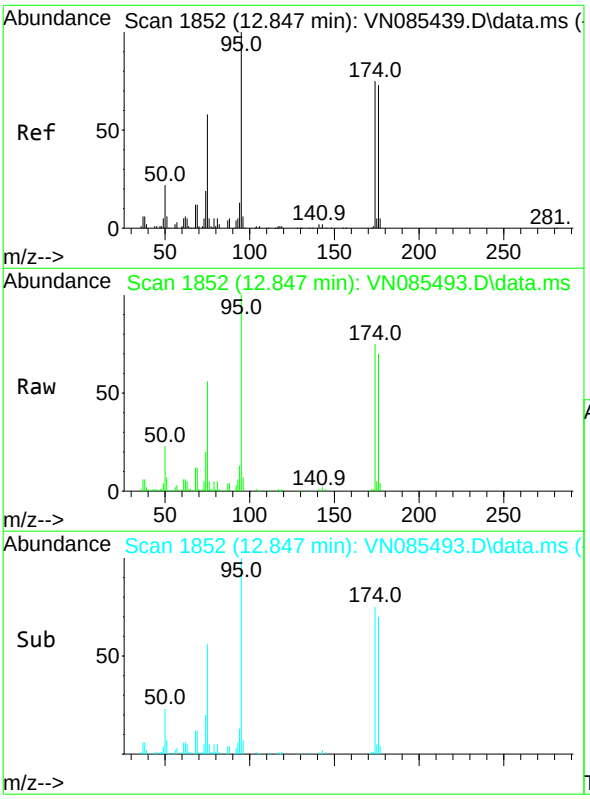
#50
Toluene-d8
Concen: 52.064 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085493.D
Acq: 17 Jan 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#04

Tgt Ion: 98 Resp: 443044

Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.2	78.4

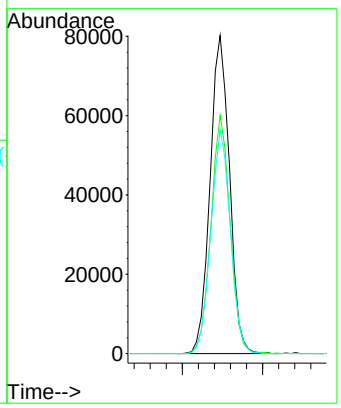


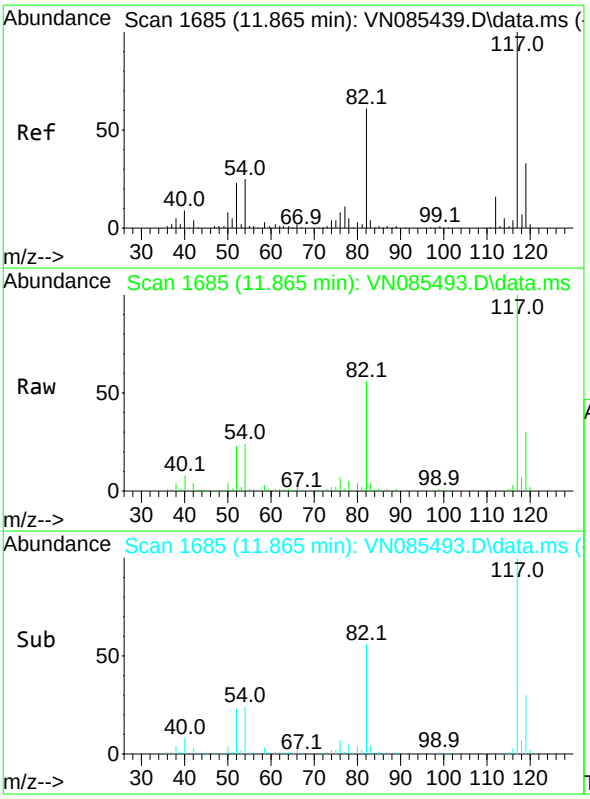


#62
4-Bromofluorobenzene
Concen: 46.311 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085493.D
Acq: 17 Jan 2025 14:48

Tgt Ion: 95 Resp: 134810

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	145.0
176	70.6	0.0	142.4



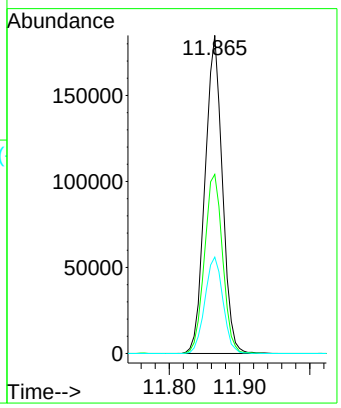


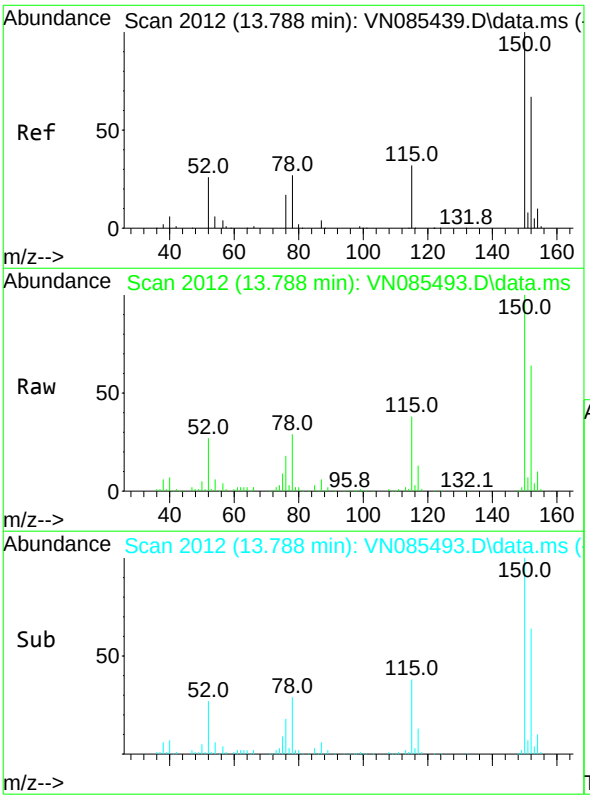
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN085493.D
Acq: 17 Jan 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#04

Tgt Ion:117 Resp: 316026

Ion	Ratio	Lower	Upper
117	100		
82	56.3	48.6	72.8
119	30.3	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: VN085493.D
Acq: 17 Jan 2025 14:48

Tgt Ion:152 Resp: 117938

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.1	93.3
150	156.2	0.0	343.6