Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
Data File : VN085709.D
Acq On : 07 Feb 2025 20:18
Operator : JC\MD
Sample : Q1309-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC-2

Quant Time: Feb 07 22:37:11 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	202089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	408558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	388529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	178188	54.623	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.240%			
35) Dibromofluoromethane	8.165	113	144505	50.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.960%			
50) Toluene-d8	10.565	98	532581	52.885	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.780%			
62) 4-Bromofluorobenzene	12.847	95	150505	43.690	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 87.380%			
Target Compounds						Qvalue
16) Acetone	4.430	43	54617	51.818	ug/l	91
18) Methyl Acetate	5.030	43	4021	1.255	ug/l #	77
20) Methylene Chloride	5.283	84	3006	1.152	ug/l	85
43) Isopropyl Acetate	8.688	43	225649	35.072	ug/l #	82

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

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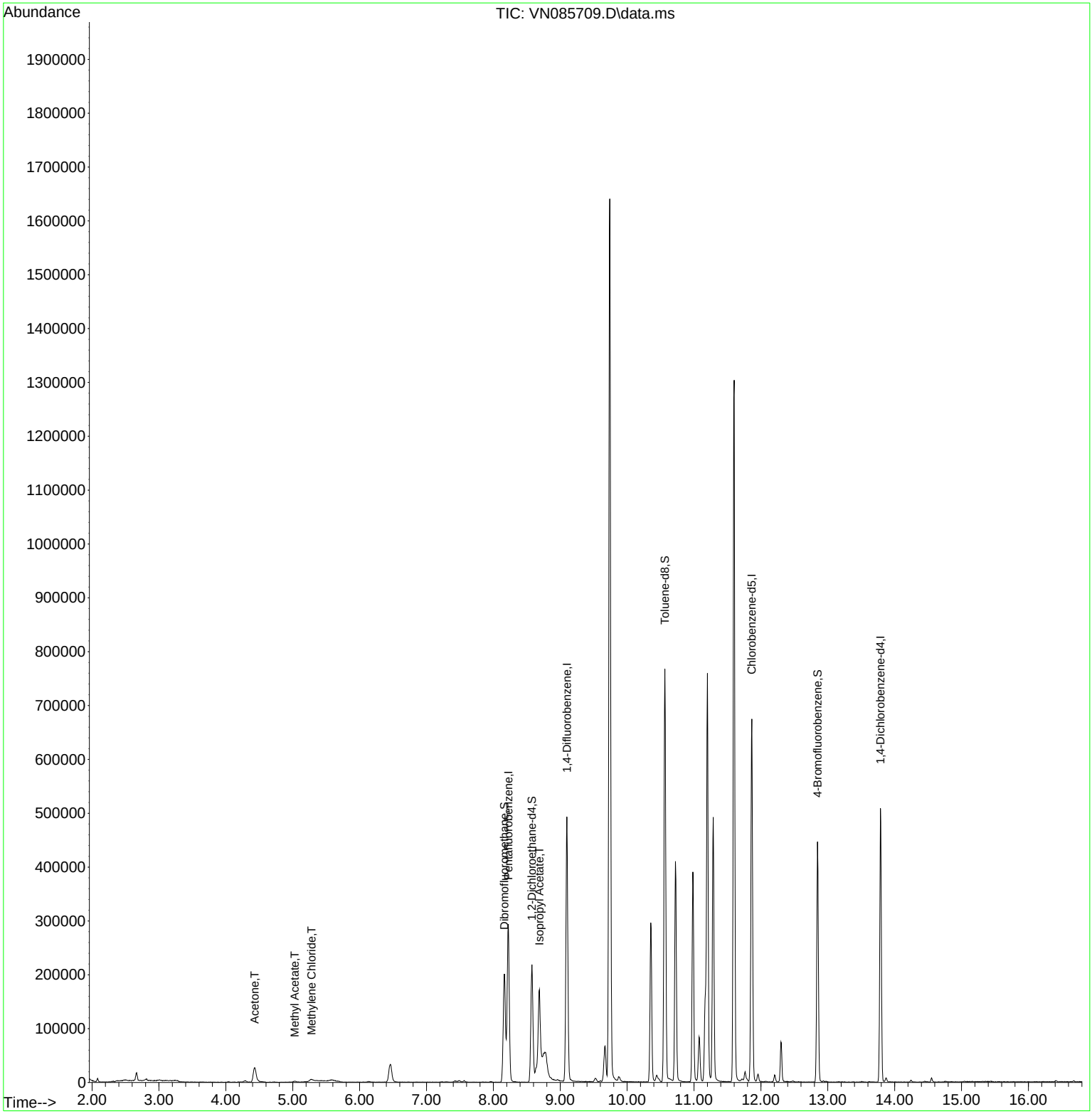
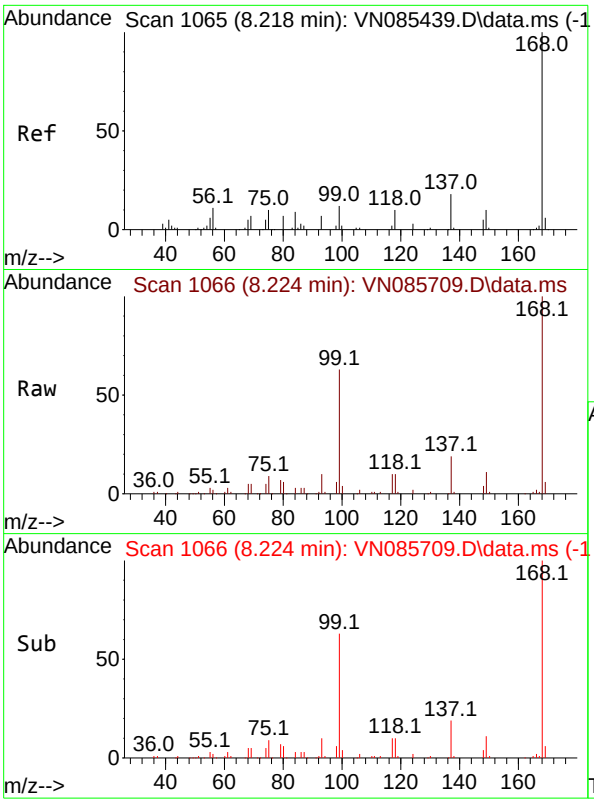


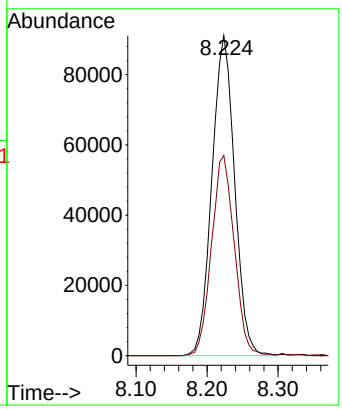


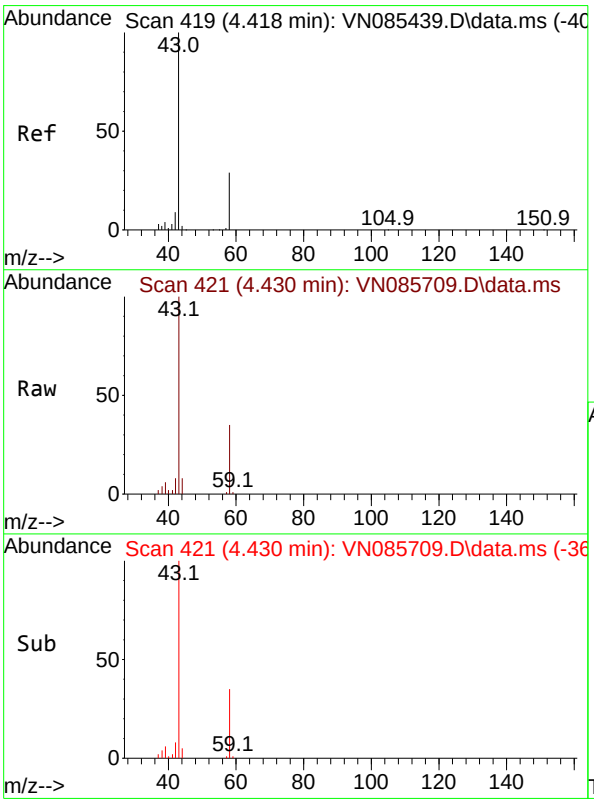
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085709.D
Acq: 07 Feb 2025 20:18

Instrument :
MSVOA_N
ClientSampleId :
WC-2

Tgt Ion:168 Resp: 202089

Ion	Ratio	Lower	Upper
168	100		
99	62.6	53.6	80.4

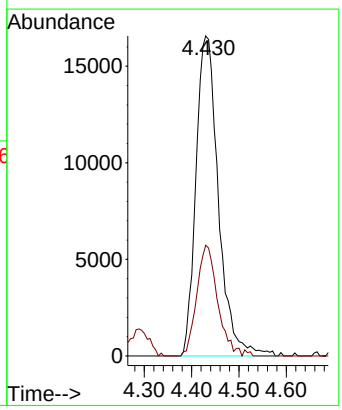


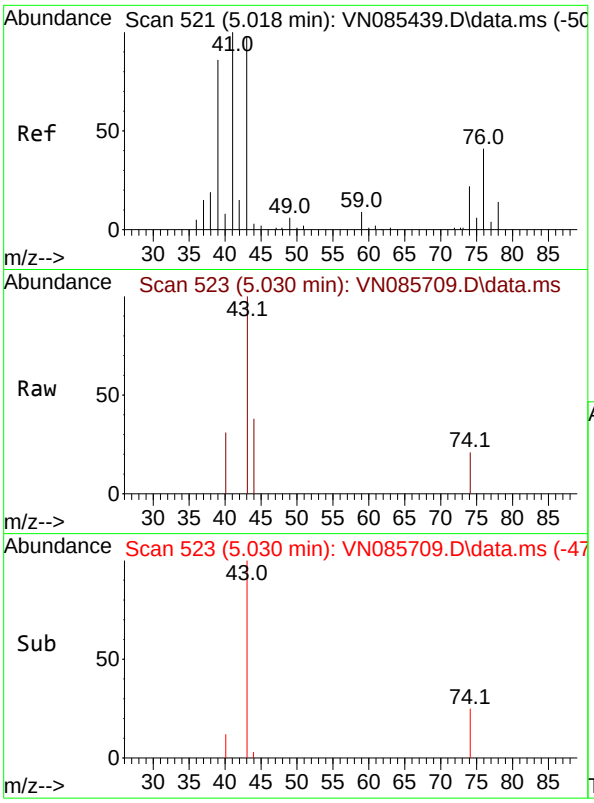


#16
Acetone
Concen: 51.818 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085709.D
Acq: 07 Feb 2025 20:18

Tgt Ion: 43 Resp: 54617

Ion	Ratio	Lower	Upper
43	100		
58	34.6	23.8	35.6



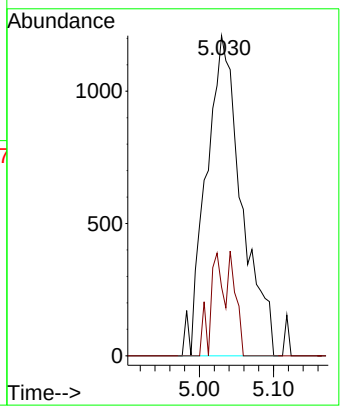


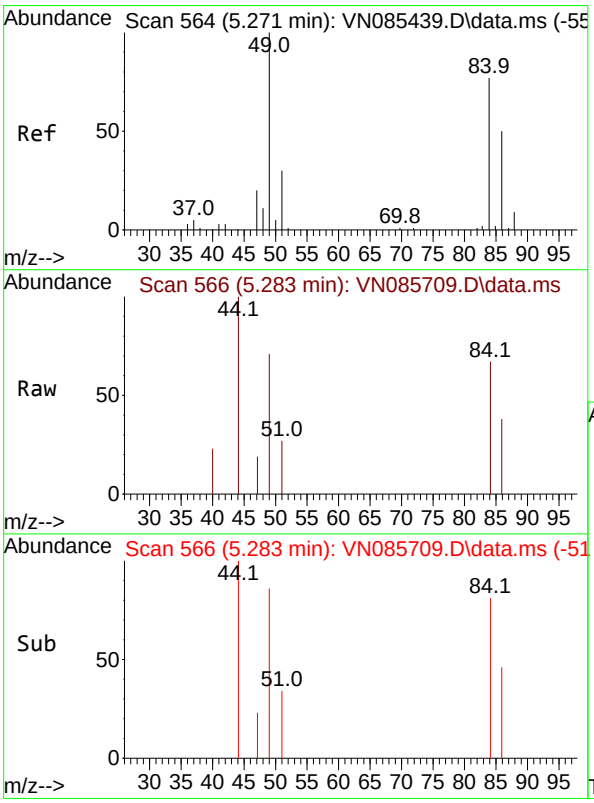
#18
Methyl Acetate
Concen: 1.255 ug/l
RT: 5.030 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN085709.D
Acq: 07 Feb 2025 20:18

Instrument :
MSVOA_N
ClientSampleId :
WC-2

Tgt Ion: 43 Resp: 4021

Ion	Ratio	Lower	Upper
43	100		
74	12.0	18.6	28.0#

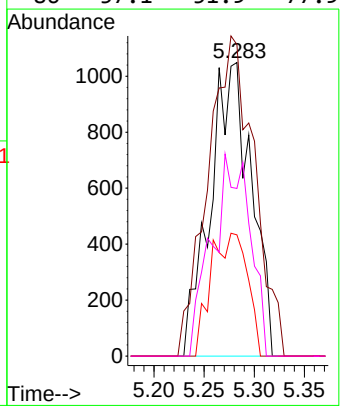


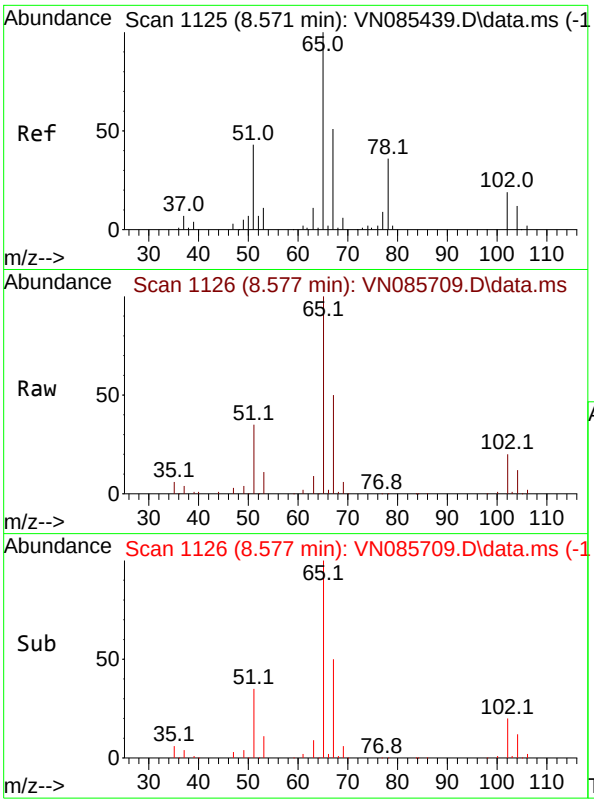


#20
Methylene Chloride
Concen: 1.152 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN085709.D
Acq: 07 Feb 2025 20:18

Tgt Ion: 84 Resp: 3006

Ion	Ratio	Lower	Upper
84	100		
49	106.1	104.1	156.1
51	41.3	31.0	46.4
86	57.1	51.9	77.9



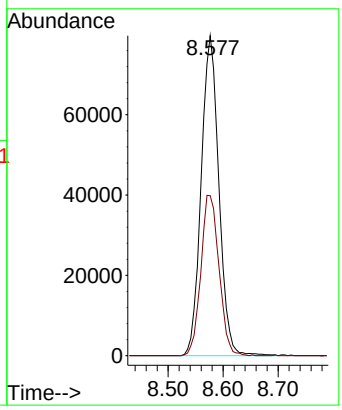


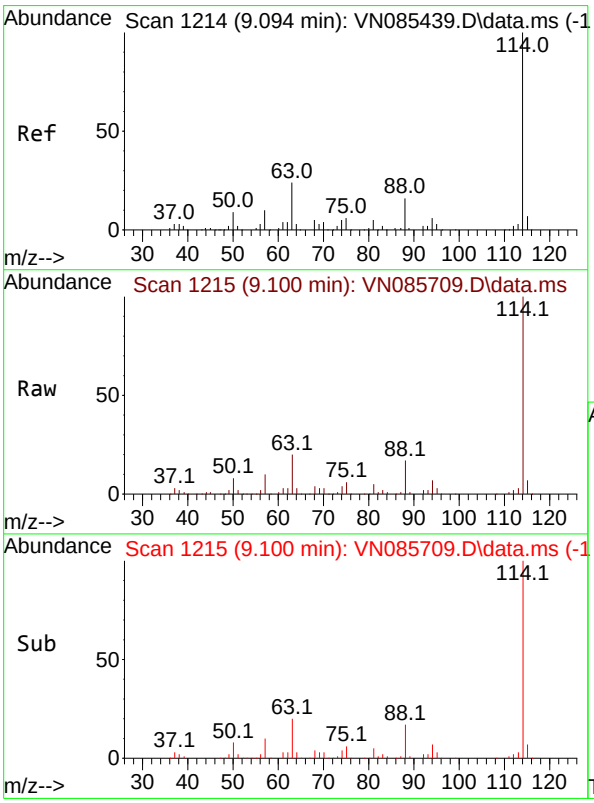
#33
1,2-Dichloroethane-d4
Concen: 54.623 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085709.D
Acq: 07 Feb 2025 20:18

Instrument :
MSVOA_N
ClientSampleId :
WC-2

Tgt Ion: 65 Resp: 178188

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.6

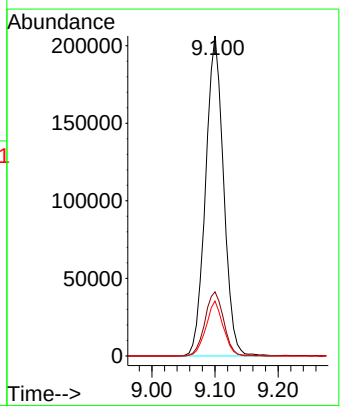


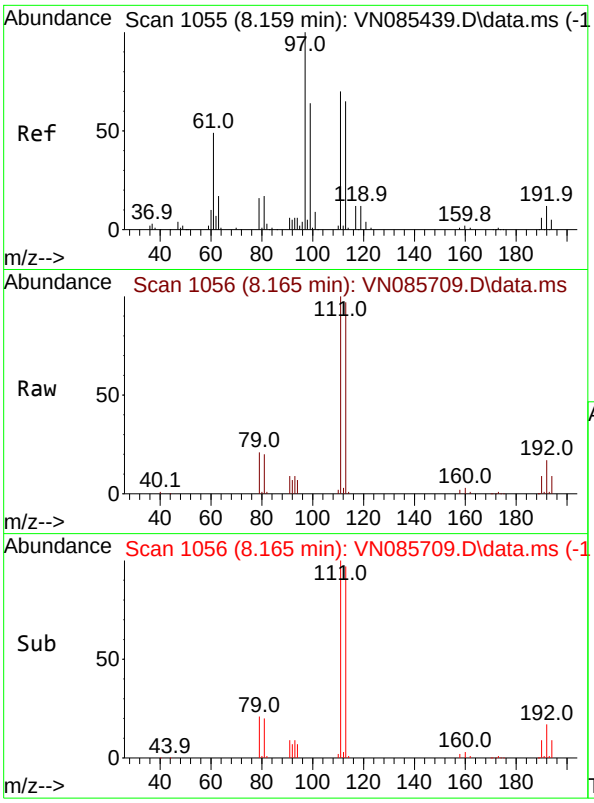


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085709.D
Acq: 07 Feb 2025 20:18

Tgt Ion:114 Resp: 408558

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	47.6
88	17.1	0.0	32.6



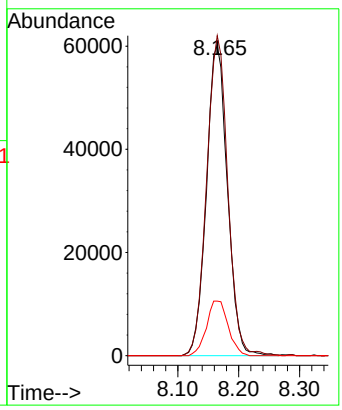


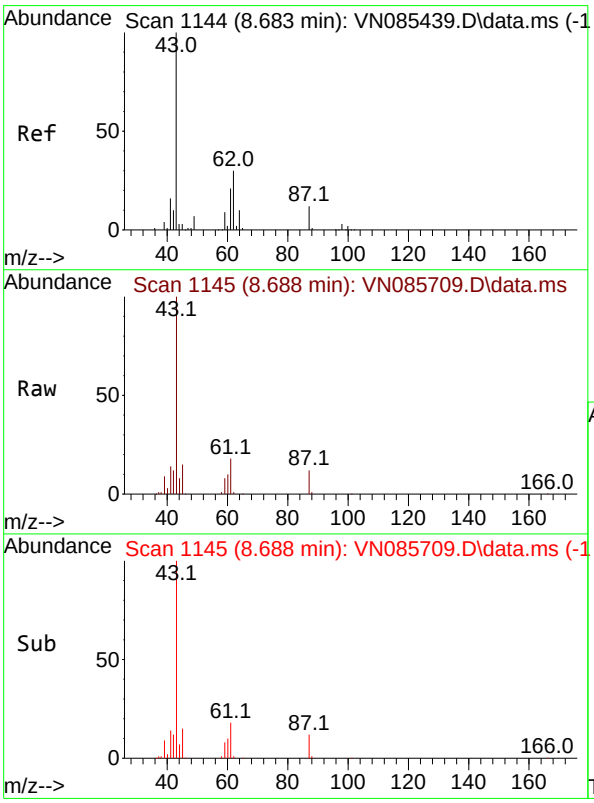
#35
Dibromofluoromethane
Concen: 50.983 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085709.D
Acq: 07 Feb 2025 20:18

Instrument :
MSVOA_N
ClientSampleId :
WC-2

Tgt Ion:113 Resp: 144505

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.7	124.1
192	18.1	14.3	21.5

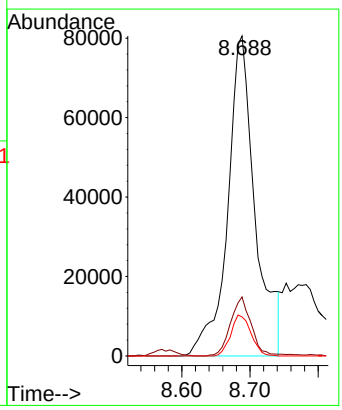


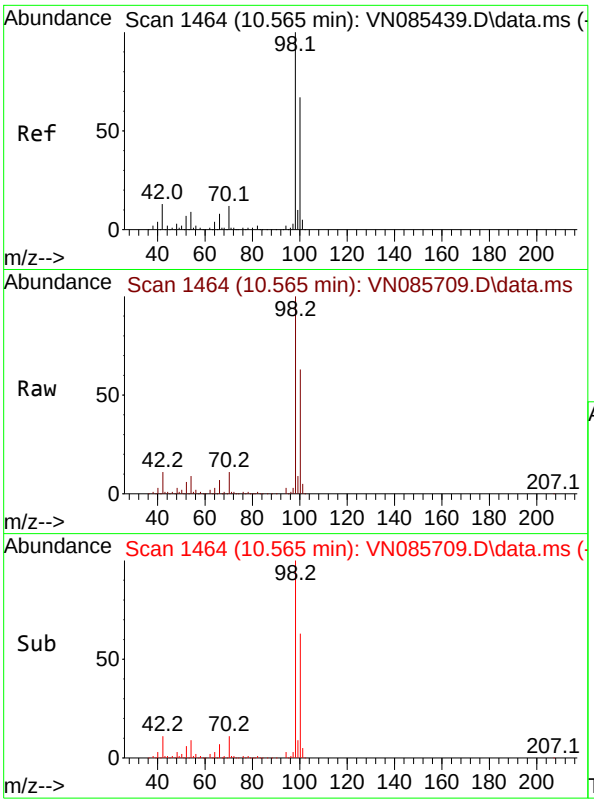


#43
Isopropyl Acetate
Concen: 35.072 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085709.D
Acq: 07 Feb 2025 20:18

Tgt Ion: 43 Resp: 225649

Ion	Ratio	Lower	Upper
43	100		
61	14.2	20.7	31.1#
87	9.4	9.8	14.8#



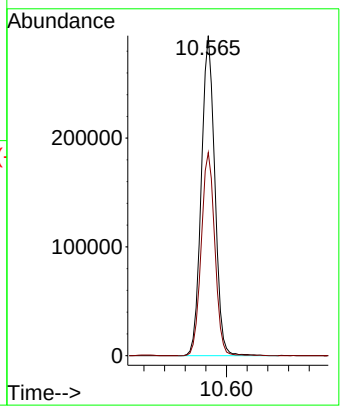


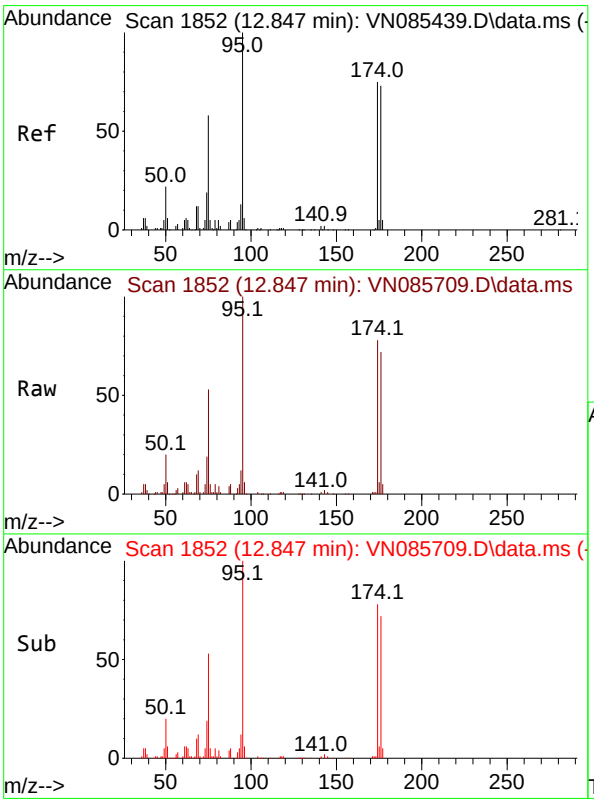
#50
Toluene-d8
Concen: 52.885 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085709.D
Acq: 07 Feb 2025 20:18

Instrument :
MSVOA_N
ClientSampleId :
WC-2

Tgt Ion: 98 Resp: 532581

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.4

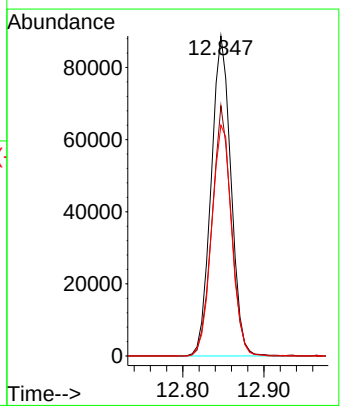


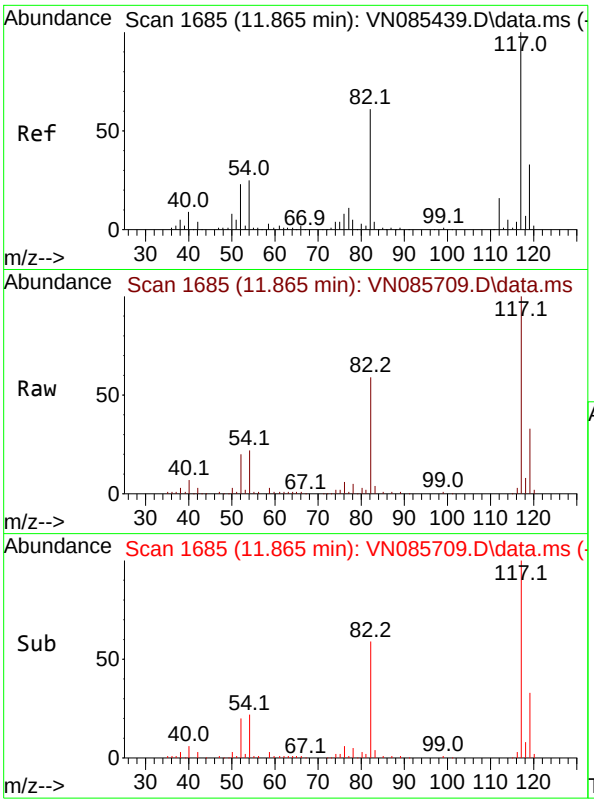


#62
4-Bromofluorobenzene
Concen: 43.690 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085709.D
Acq: 07 Feb 2025 20:18

Tgt Ion: 95 Resp: 150505

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	145.0
176	73.3	0.0	142.4



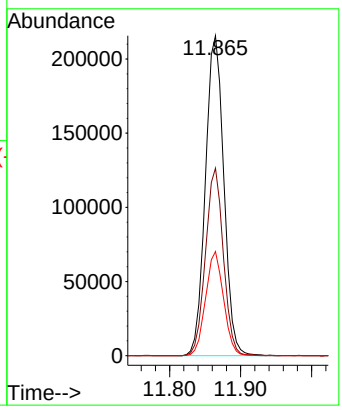


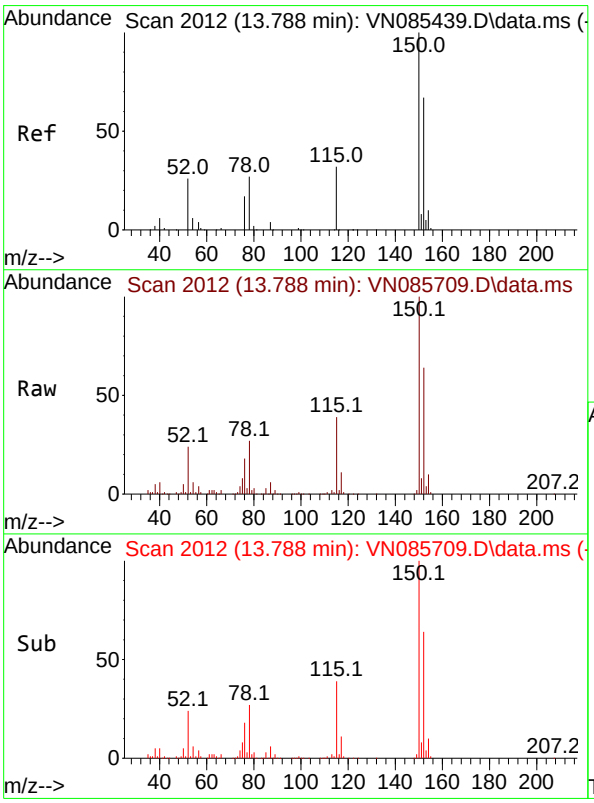
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085709.D
Acq: 07 Feb 2025 20:18

Instrument :
MSVOA_N
ClientSampleId :
WC-2

Tgt Ion:117 Resp: 388529

Ion	Ratio	Lower	Upper
117	100		
82	58.6	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# 2012
Delta R.T. -0.000 min
Lab File: VN085709.D
Acq: 07 Feb 2025 20:18

Tgt Ion:152 Resp: 136662

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.1	93.3
150	155.5	0.0	343.6