Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
Data File : VN086183.D
Acq On : 31 Mar 2025 20:40
Operator : JC\MD
Sample : Q1672-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Quant Time: Apr 01 05:18:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	181883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	353858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	334146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140329	56.344	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.680%			
35) Dibromofluoromethane	8.165	113	122533	49.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.220%			
50) Toluene-d8	10.565	98	449770	50.175	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.360%			
62) 4-Bromofluorobenzene	12.847	95	135691	42.446	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 84.900%			
Target Compounds						Qvalue
16) Acetone	4.430	43	51268	67.378	ug/l	99
20) Methylene Chloride	5.277	84	105093	47.213	ug/l	96
25) 2-Butanone	7.494	43	5641	5.138	ug/l #	84
43) Isopropyl Acetate	8.682	43	46840	7.878	ug/l #	62

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

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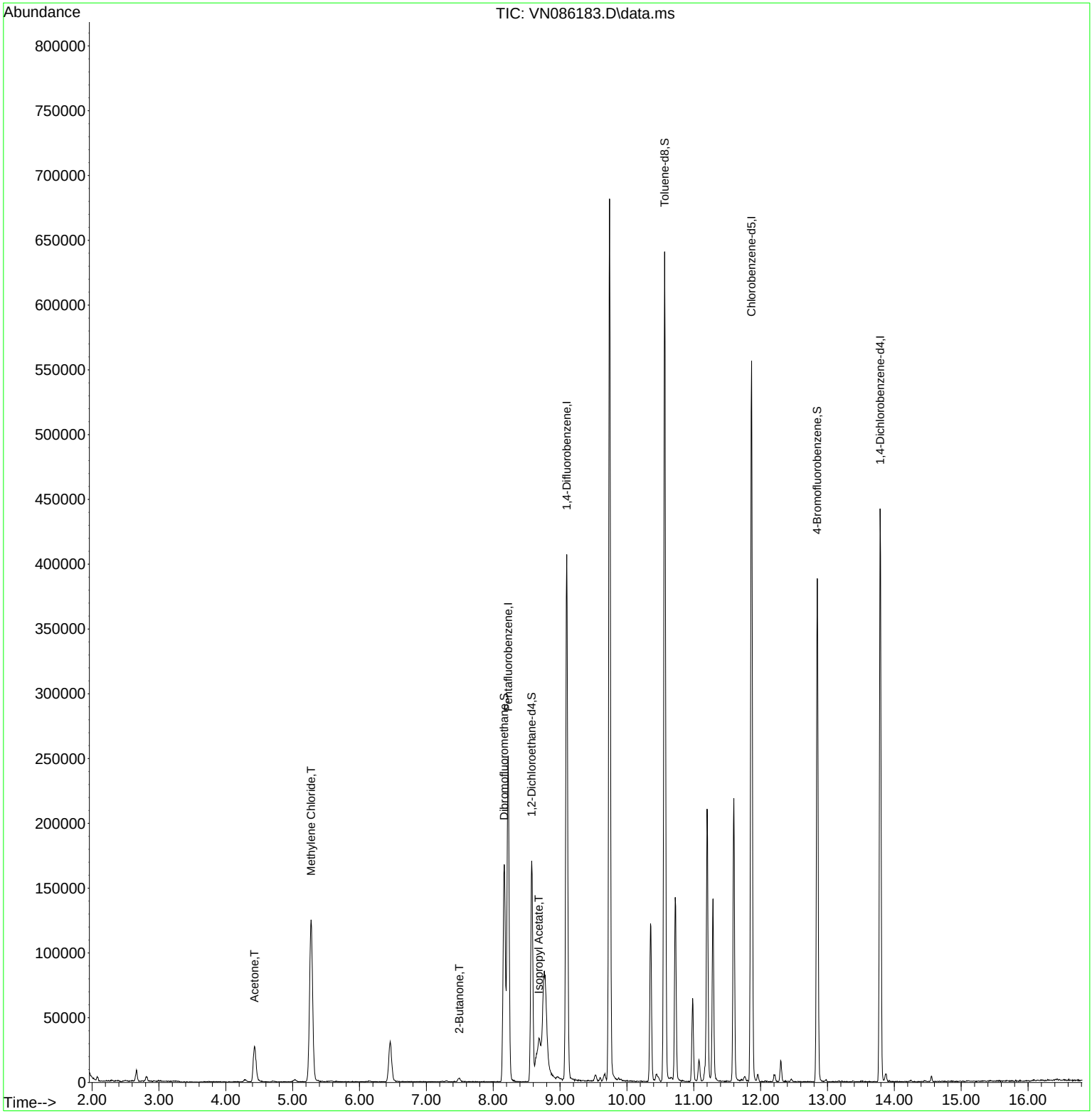
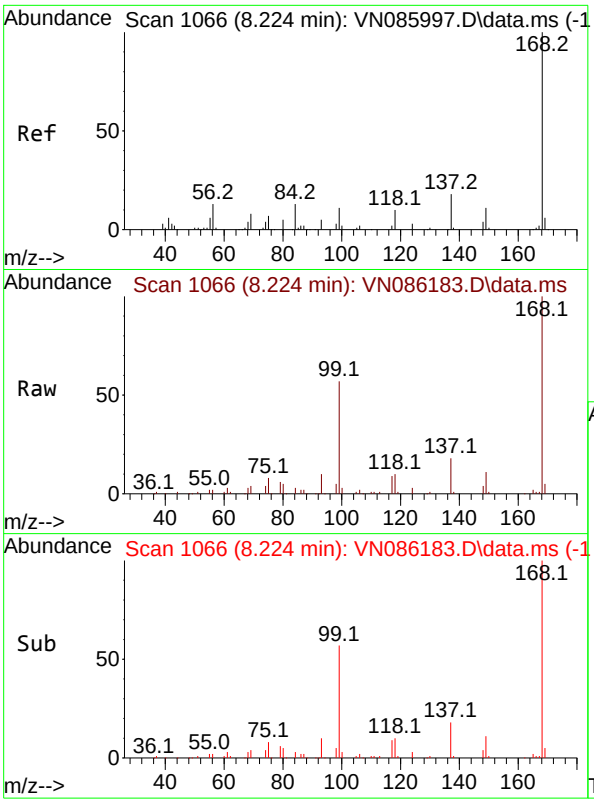


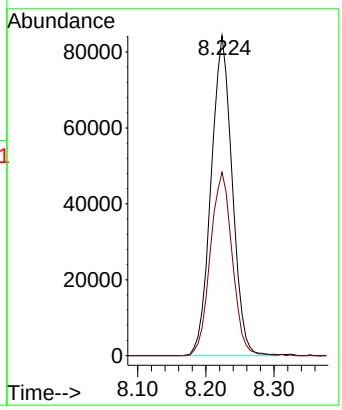


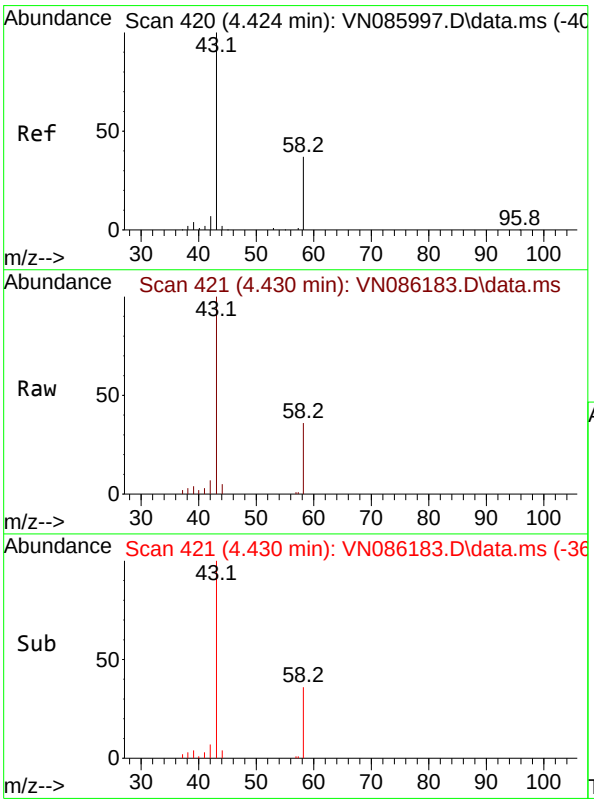
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086183.D
Acq: 31 Mar 2025 20:40

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion:168 Resp: 181883

Ion	Ratio	Lower	Upper
168	100		
99	57.3	49.4	74.2

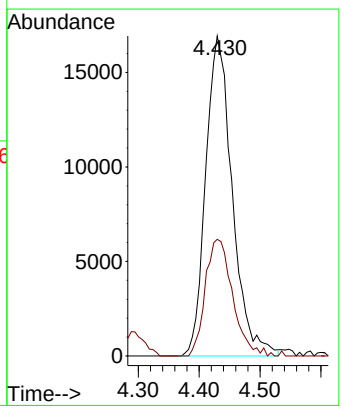


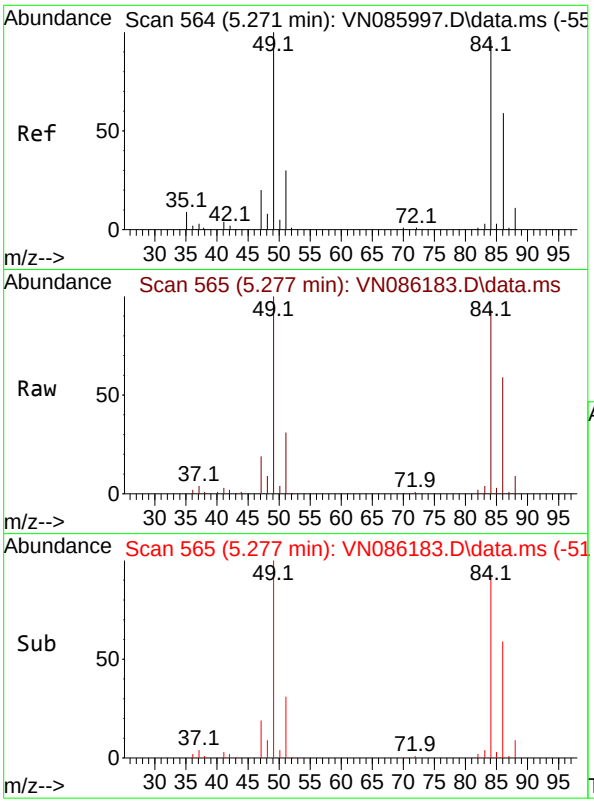


#16
Acetone
Concen: 67.378 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086183.D
Acq: 31 Mar 2025 20:40

Tgt Ion: 43 Resp: 51268

Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.4	44.2



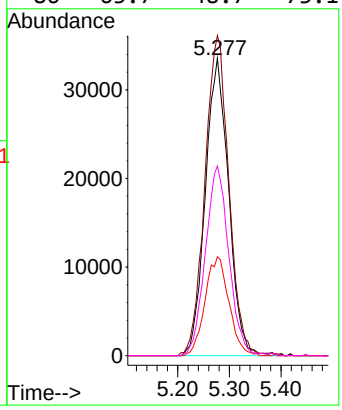


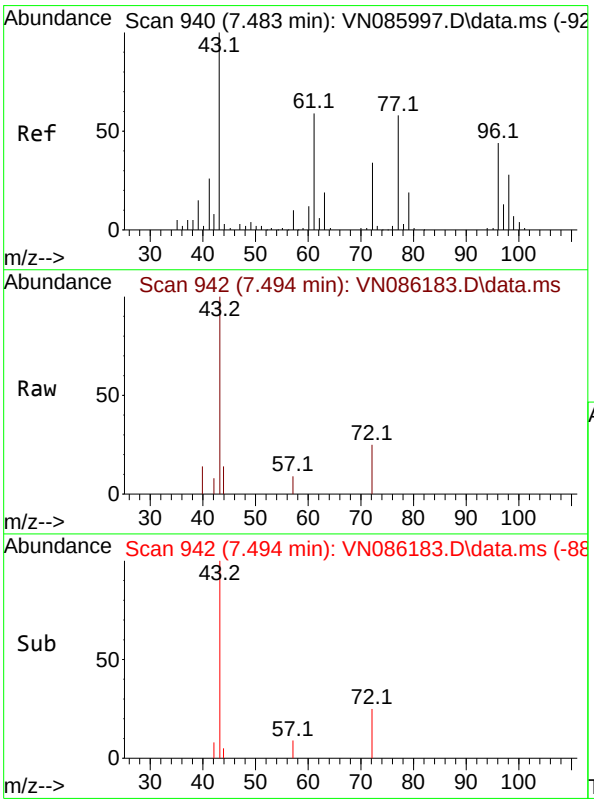
#20
Methylene Chloride
Concen: 47.213 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086183.D
Acq: 31 Mar 2025 20:40

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion: 84 Resp: 105093

Ion	Ratio	Lower	Upper
84	100		
49	107.5	83.3	124.9
51	33.2	24.8	37.2
86	63.7	48.7	73.1

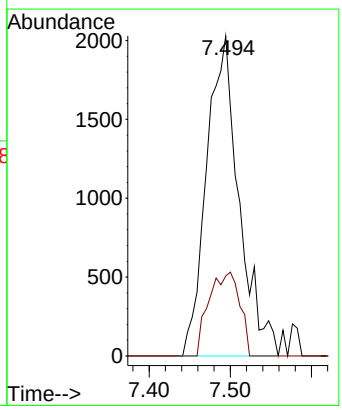


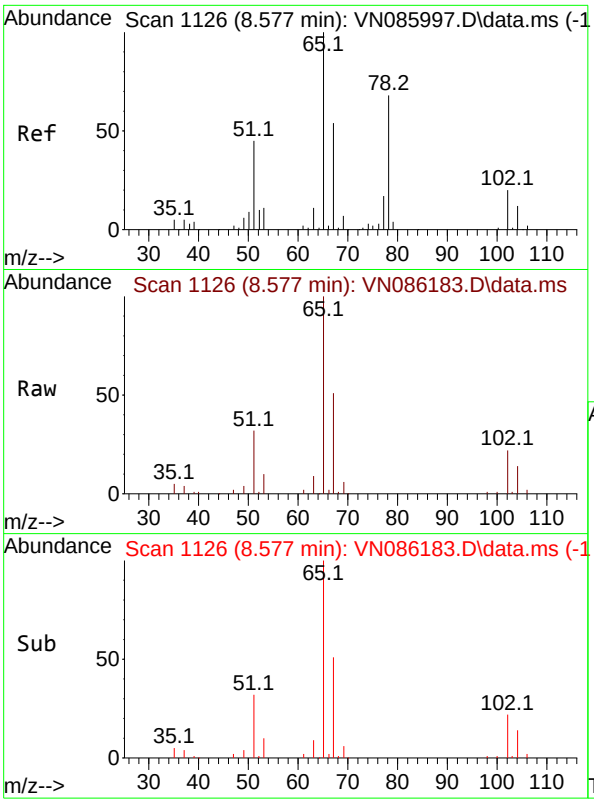


#25
2-Butanone
Concen: 5.138 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN086183.D
Acq: 31 Mar 2025 20:40

Tgt Ion: 43 Resp: 5641

Ion	Ratio	Lower	Upper
43	100		
72	24.9	27.4	41.0#



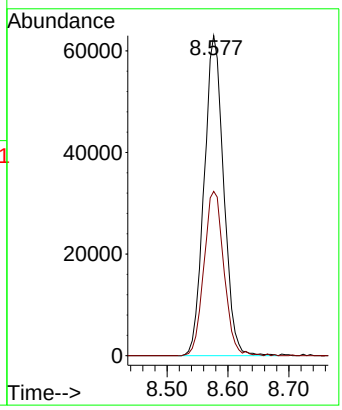


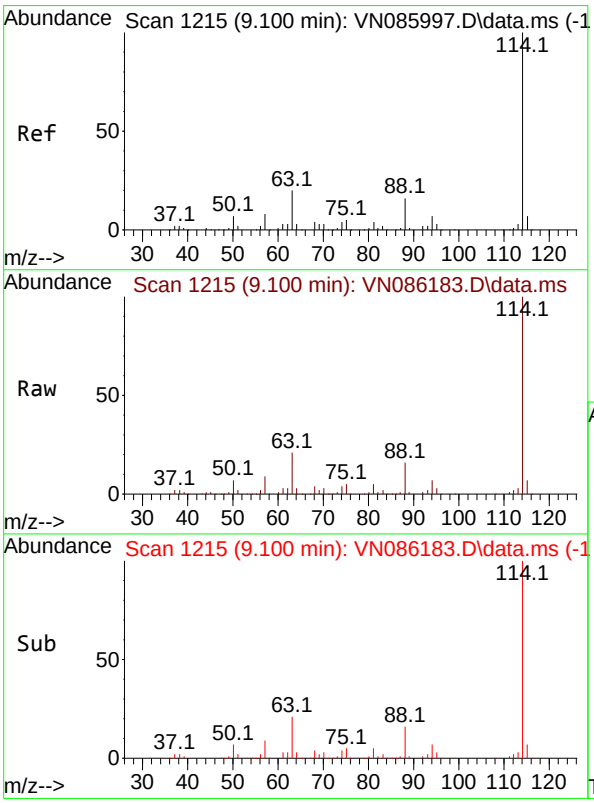
#33
1,2-Dichloroethane-d4
Concen: 56.344 ug/l
RT: 8.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086183.D
Acq: 31 Mar 2025 20:40

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion: 65 Resp: 140329

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	102.2

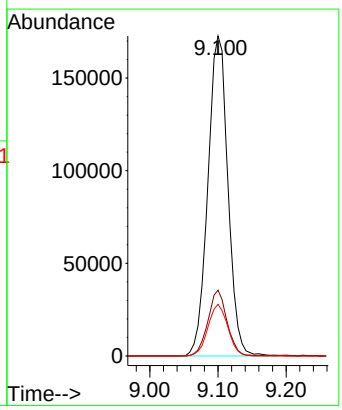


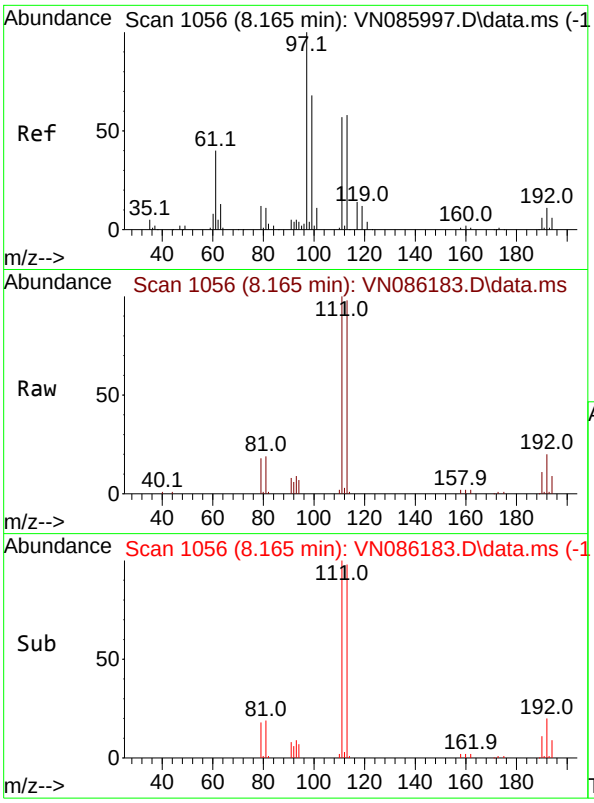


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086183.D
Acq: 31 Mar 2025 20:40

Tgt Ion:114 Resp: 353858

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.6
88	16.1	0.0	32.6



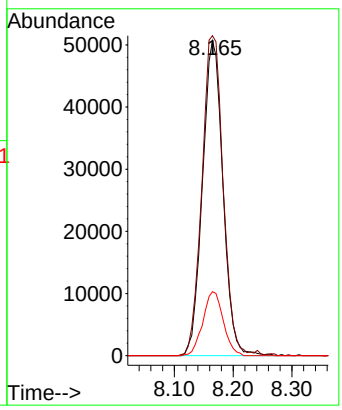


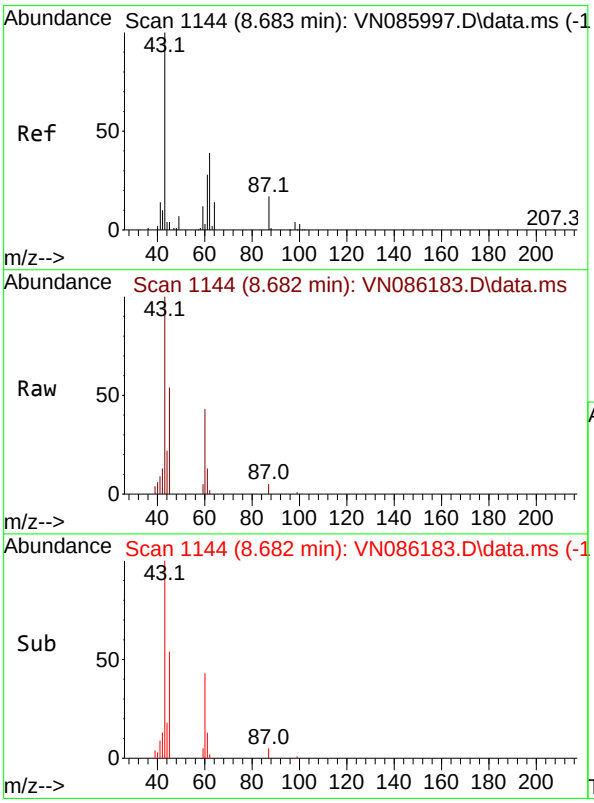
#35
Dibromofluoromethane
Concen: 49.611 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086183.D
Acq: 31 Mar 2025 20:40

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion:113 Resp: 122533

Ion	Ratio	Lower	Upper
113	100		
111	105.5	81.8	122.8
192	20.3	15.9	23.9

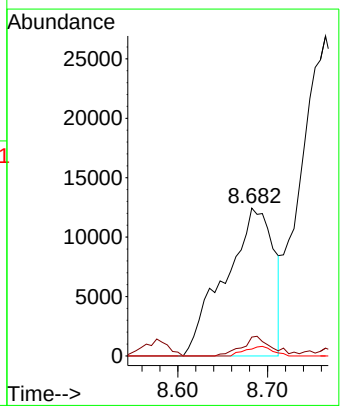


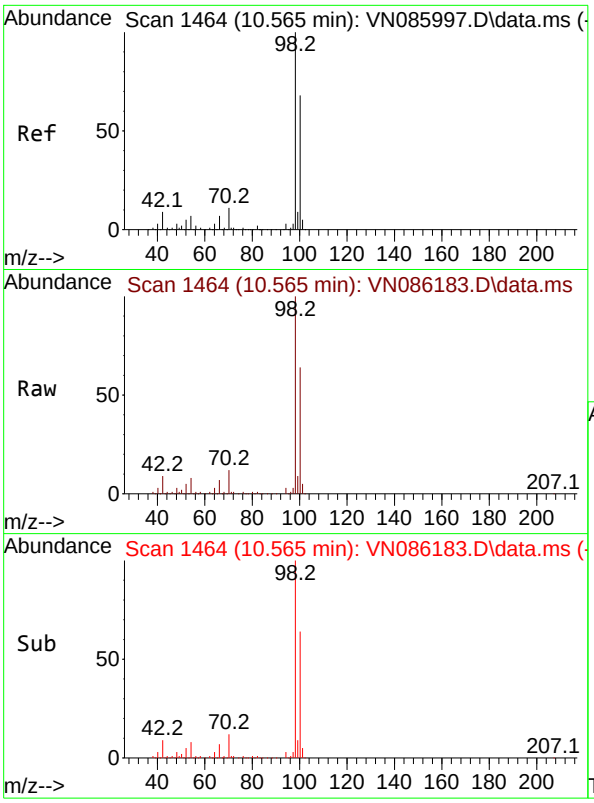


#43
Isopropyl Acetate
Concen: 7.878 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086183.D
Acq: 31 Mar 2025 20:40

Tgt Ion: 43 Resp: 46840

Ion	Ratio	Lower	Upper
43	100		
61	8.1	25.0	37.6#
87	3.6	13.0	19.4#



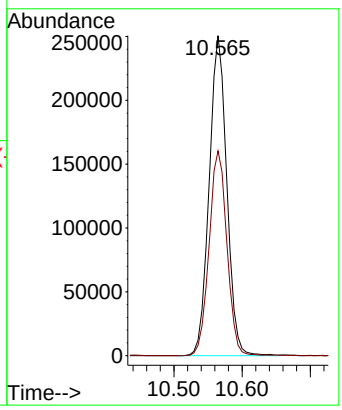


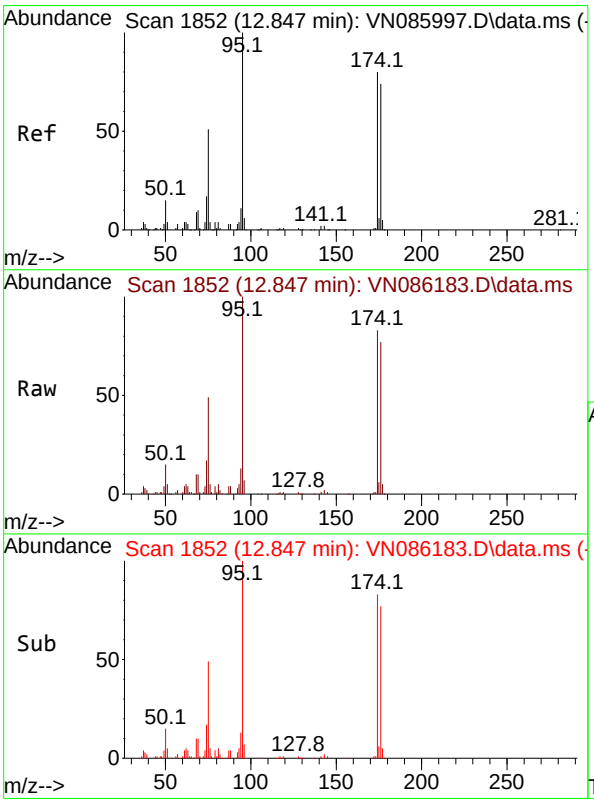
#50
Toluene-d8
Concen: 50.175 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086183.D
Acq: 31 Mar 2025 20:40

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion: 98 Resp: 449770

Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.1	79.7

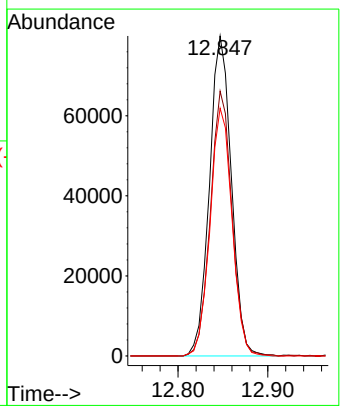


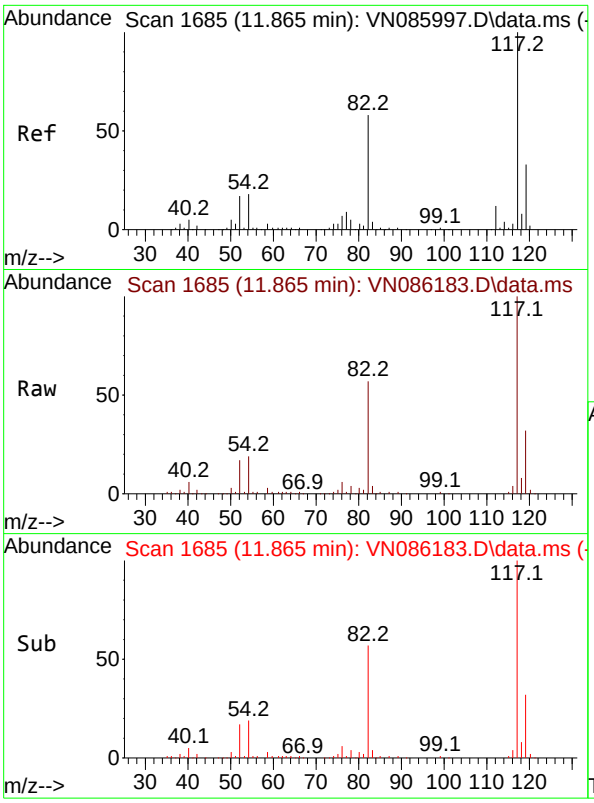


#62
4-Bromofluorobenzene
Concen: 42.446 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086183.D
Acq: 31 Mar 2025 20:40

Tgt Ion: 95 Resp: 135691

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	156.8
176	77.3	0.0	152.2



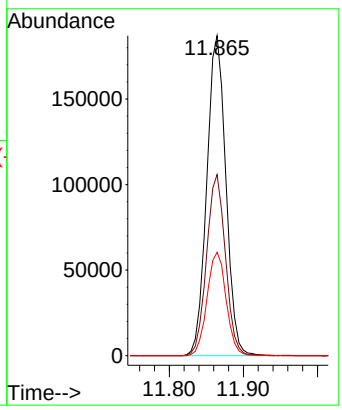


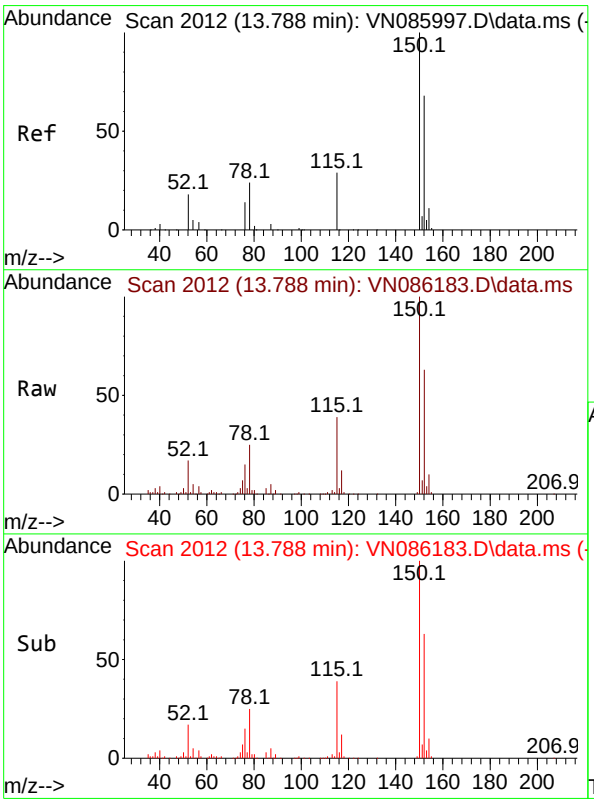
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086183.D
Acq: 31 Mar 2025 20:40

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion:117 Resp: 334146

Ion	Ratio	Lower	Upper
117	100		
82	56.6	46.7	70.1
119	32.3	26.5	39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086183.D
Acq: 31 Mar 2025 20:40

Tgt Ion:152 Resp: 125020

Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.1	93.2
150	155.9	0.0	359.6