Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
Data File : VN086430.D
Acq On : 30 Apr 2025 12:37
Operator : JC\MD
Sample : PB167775TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167775TB

Quant Time: May 01 01:33:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	156151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112342	49.614	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.220%			
35) Dibromofluoromethane	8.165	113	72553	51.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.620%			
50) Toluene-d8	10.565	98	379859	50.758	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.847	95	138835	50.862	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.720%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	8162	19.756	ug/l	96
16) Acetone	4.436	43	37429	43.086	ug/l	94
20) Methylene Chloride	5.271	84	8380	4.003	ug/l #	83
25) 2-Butanone	7.482	43	38495	27.312	ug/l	98
43) Isopropyl Acetate	8.682	43	33464	4.549	ug/l #	86

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

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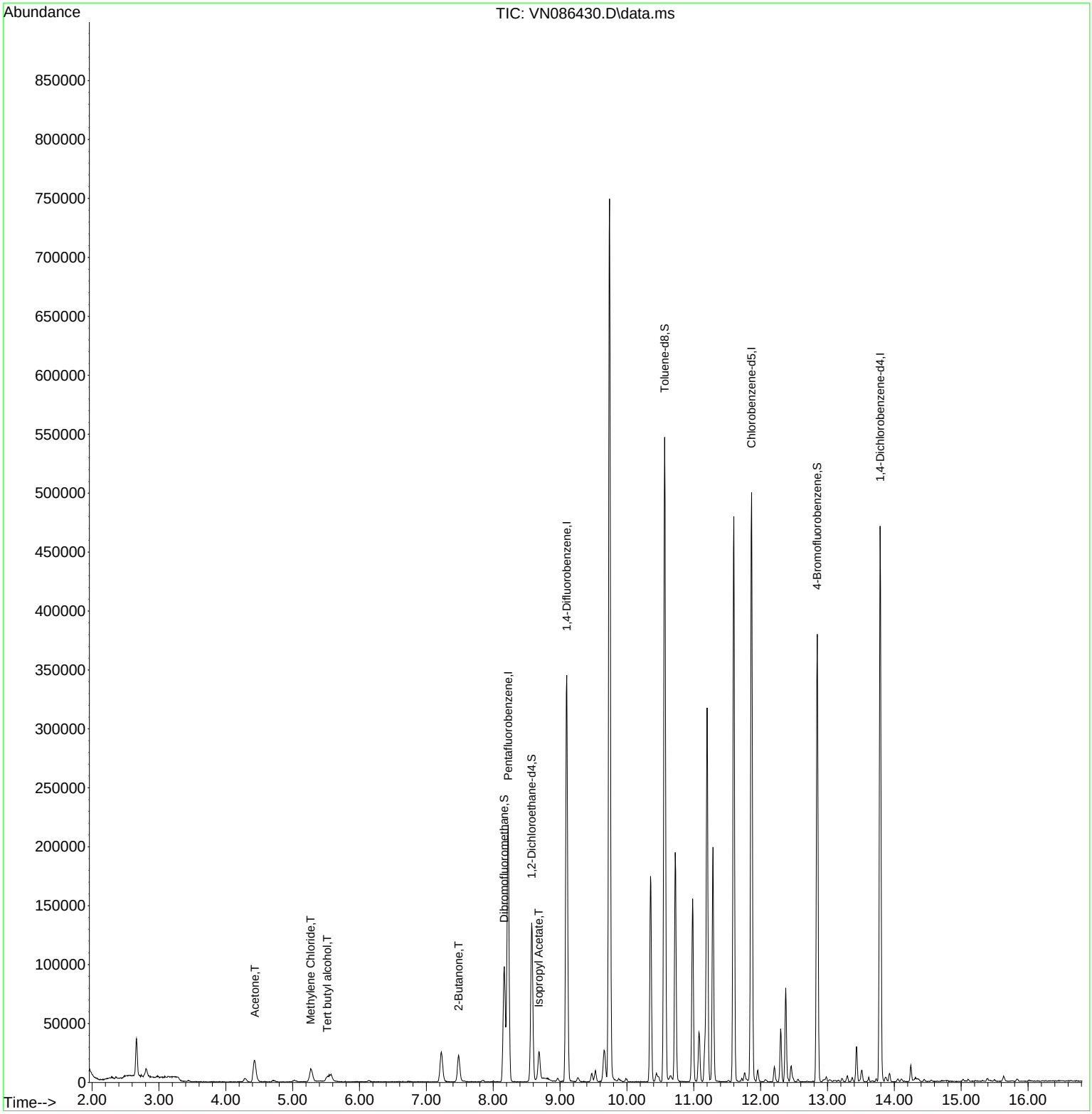
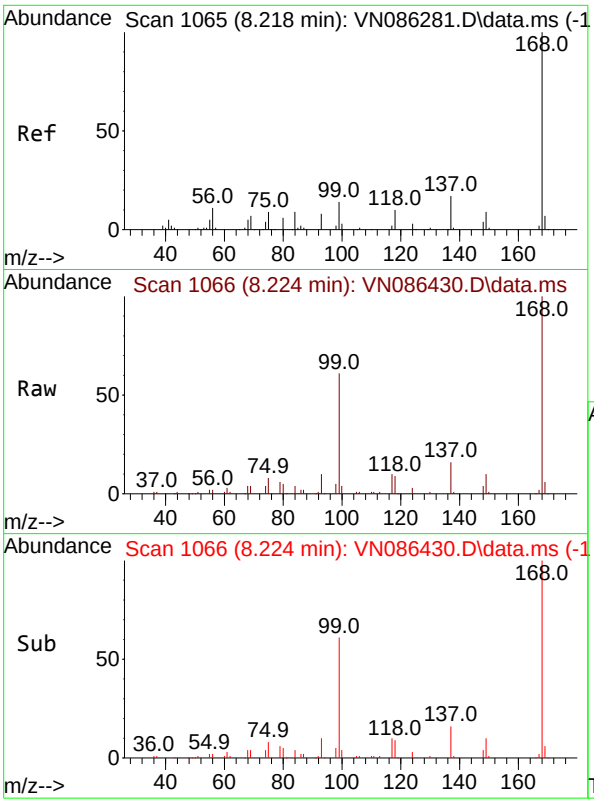


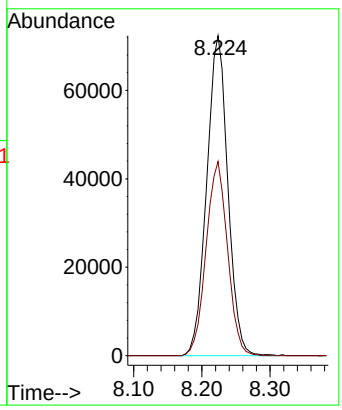


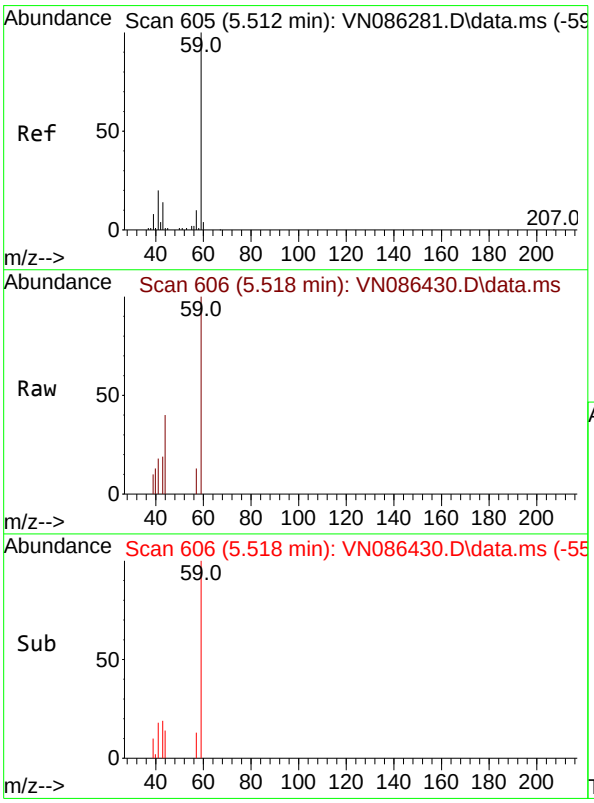
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086430.D
Acq: 30 Apr 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB167775TB

Tgt Ion:168 Resp: 156151

Ion	Ratio	Lower	Upper
168	100		
99	60.7	52.5	78.7

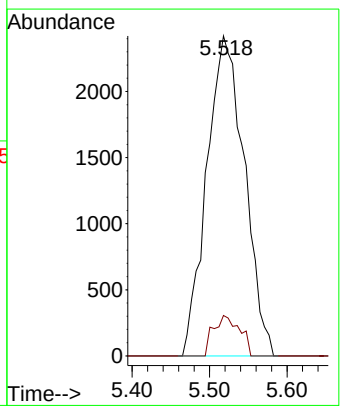


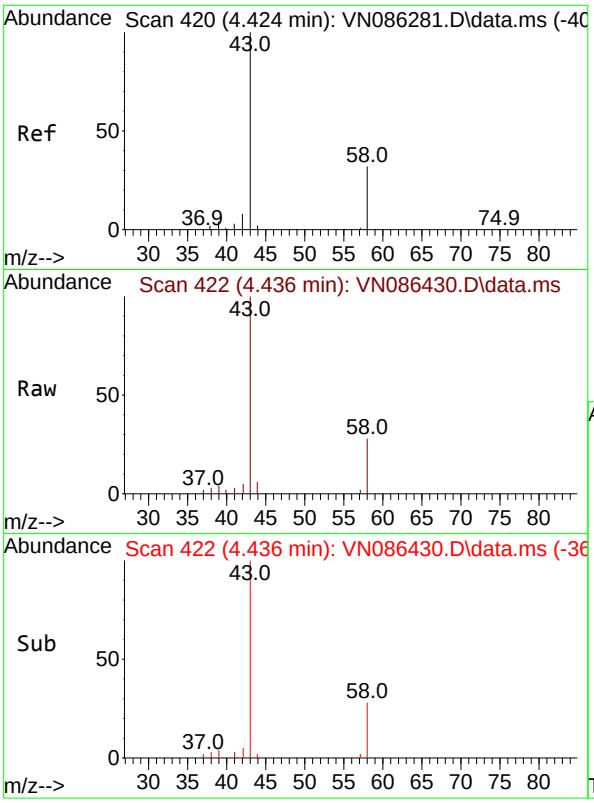


#11
Tert butyl alcohol
Concen: 19.756 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN086430.D
Acq: 30 Apr 2025 12:37

Tgt Ion: 59 Resp: 8162

Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.3	12.5



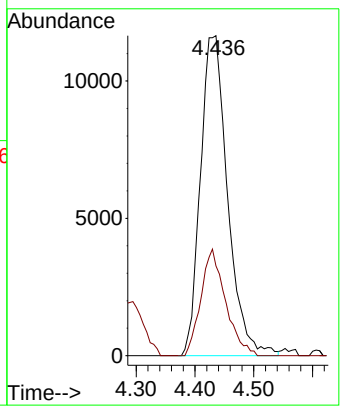


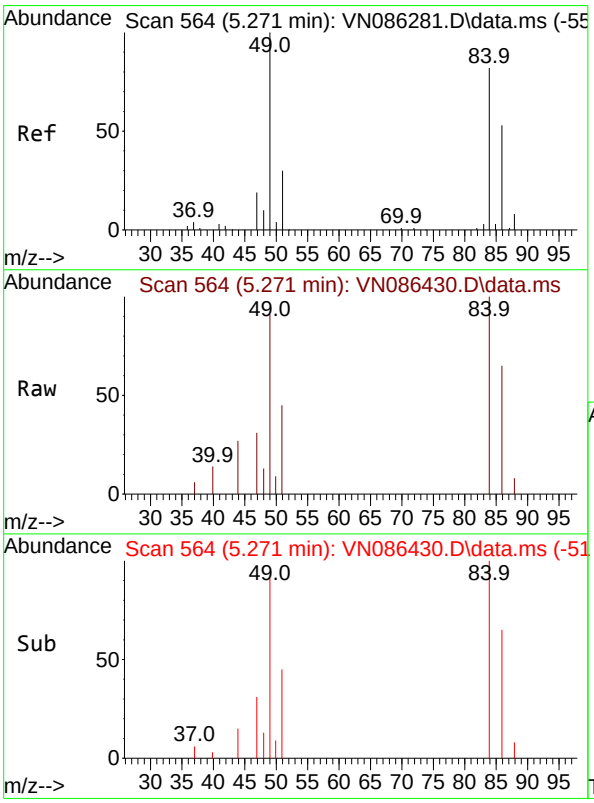
#16
Acetone
Concen: 43.086 ug/l
RT: 4.436 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN086430.D
Acq: 30 Apr 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB167775TB

Tgt Ion: 43 Resp: 37429

Ion	Ratio	Lower	Upper
43	100		
58	28.1	25.3	37.9

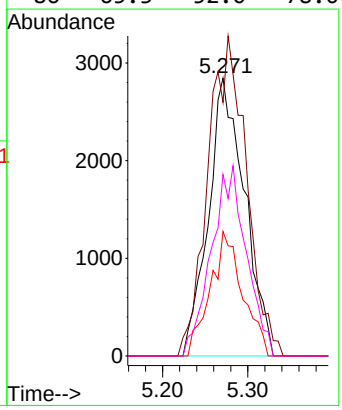


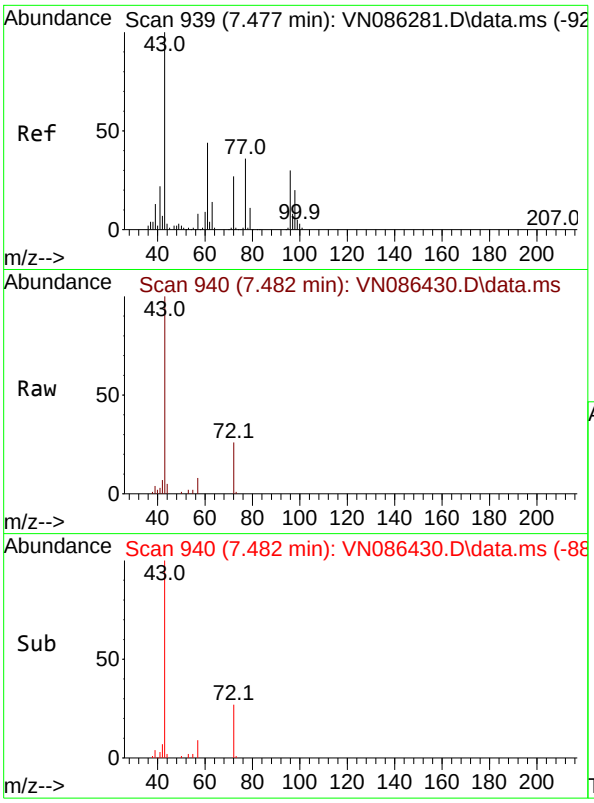


#20
Methylene Chloride
Concen: 4.003 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086430.D
Acq: 30 Apr 2025 12:37

Tgt Ion: 84 Resp: 8380

Ion	Ratio	Lower	Upper
84	100		
49	91.3	98.2	147.2#
51	44.8	29.8	44.6#
86	65.3	52.0	78.0



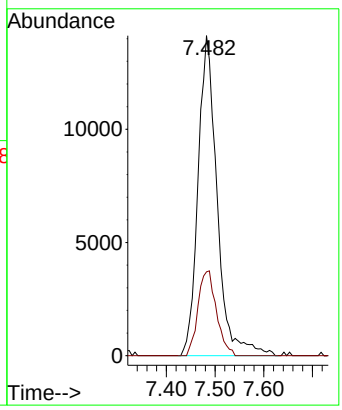


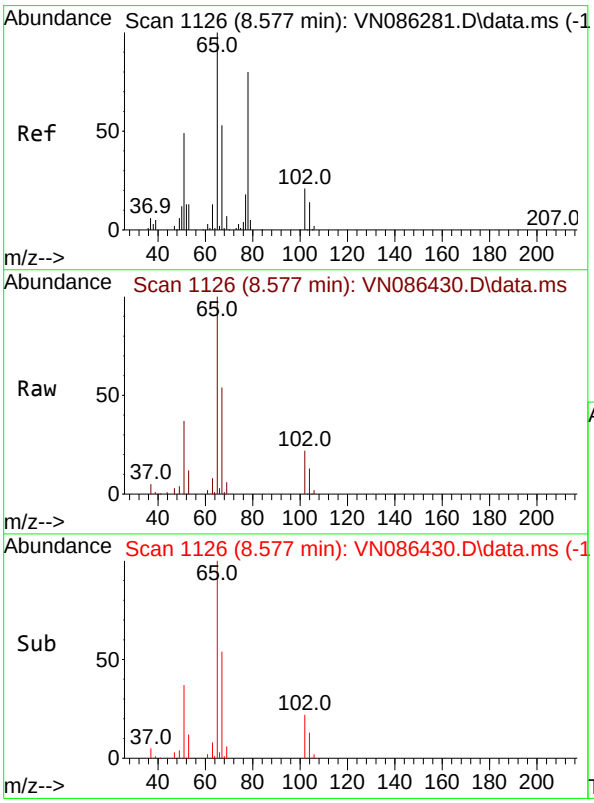
#25
2-Butanone
Concen: 27.312 ug/l
RT: 7.482 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086430.D
Acq: 30 Apr 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB167775TB

Tgt Ion: 43 Resp: 38495

Ion	Ratio	Lower	Upper
43	100		
72	26.2	21.7	32.5

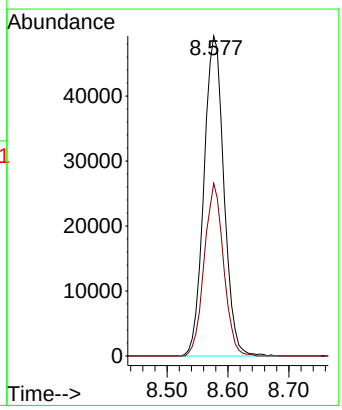


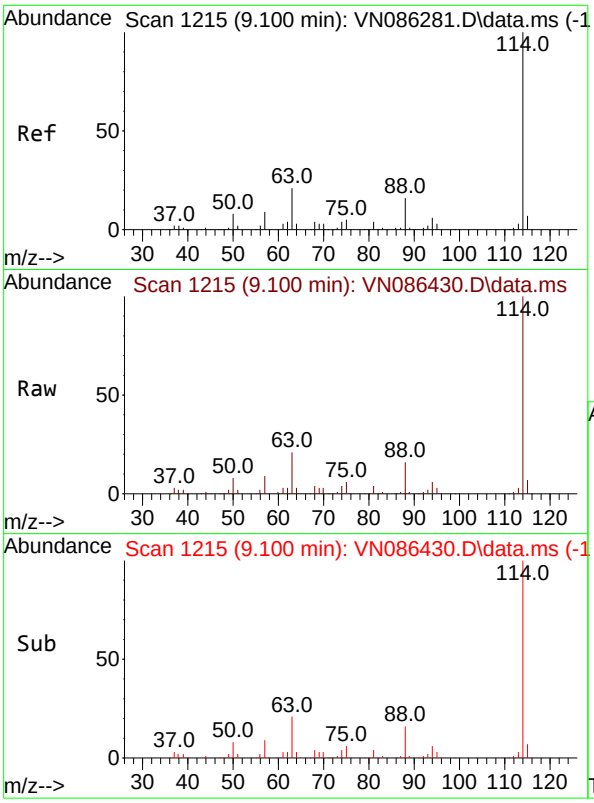


#33
1,2-Dichloroethane-d4
Concen: 49.614 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086430.D
Acq: 30 Apr 2025 12:37

Tgt Ion: 65 Resp: 112342

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.0



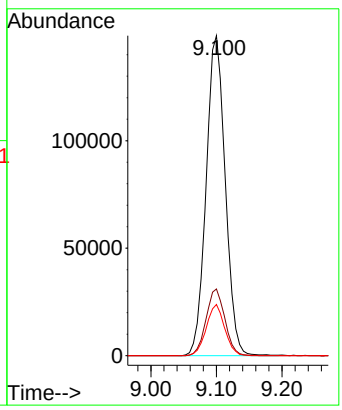


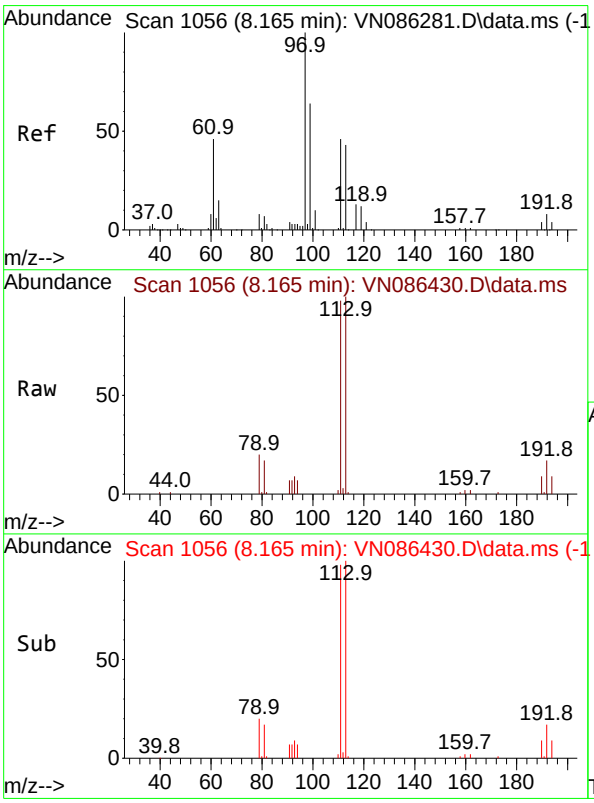
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086430.D
Acq: 30 Apr 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB167775TB

Tgt Ion:114 Resp: 301708

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.6
88	16.0	0.0	31.8

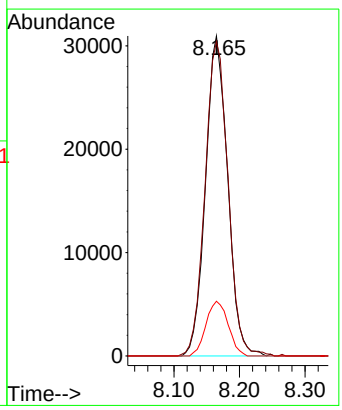


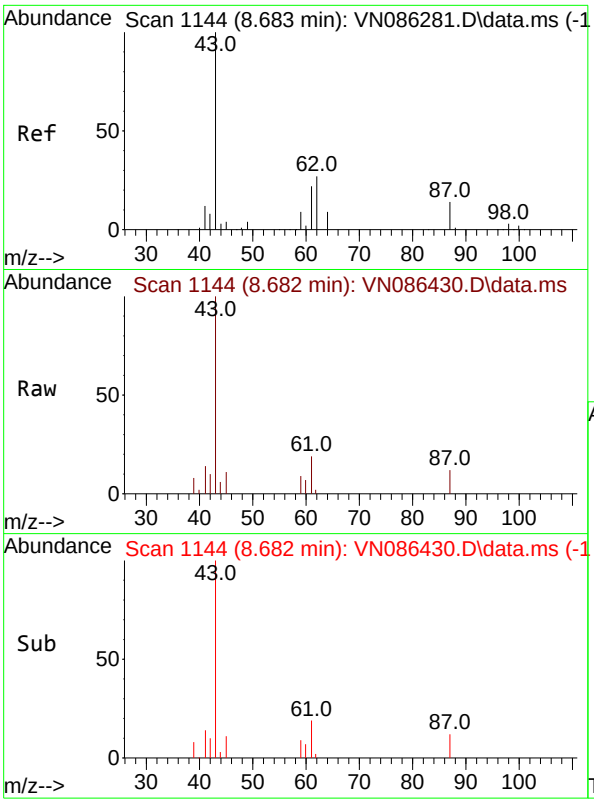


#35
Dibromofluoromethane
Concen: 51.814 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086430.D
Acq: 30 Apr 2025 12:37

Tgt Ion:113 Resp: 72553

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.0
192	17.1	13.7	20.5



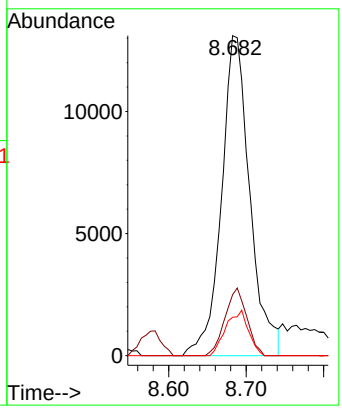


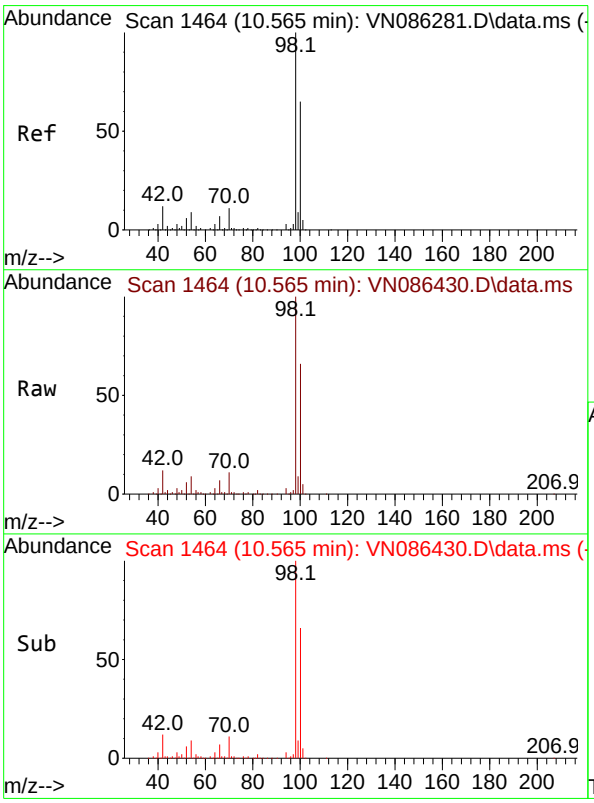
#43
Isopropyl Acetate
Concen: 4.549 ug/l
RT: 8.682 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN086430.D
Acq: 30 Apr 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB167775TB

Tgt Ion: 43 Resp: 33464

Ion	Ratio	Lower	Upper
43	100		
61	16.3	20.5	30.7#
87	11.3	10.5	15.7

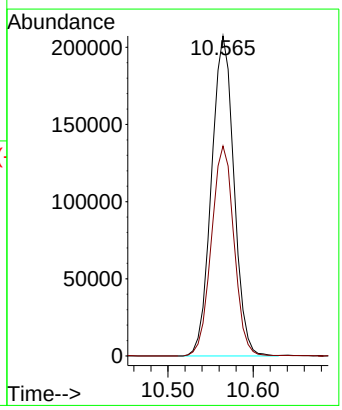


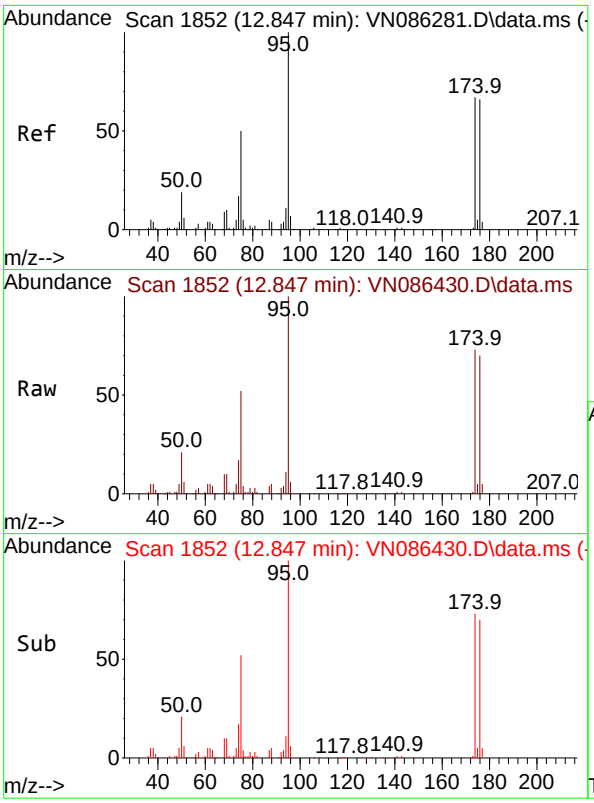


#50
Toluene-d8
Concen: 50.758 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086430.D
Acq: 30 Apr 2025 12:37

Tgt Ion: 98 Resp: 379859

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.5	78.7



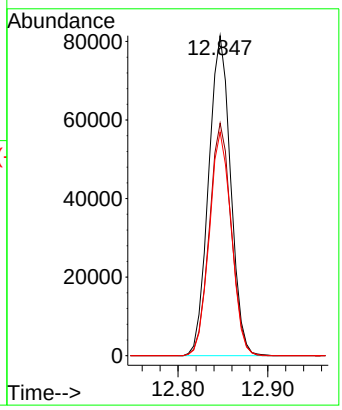


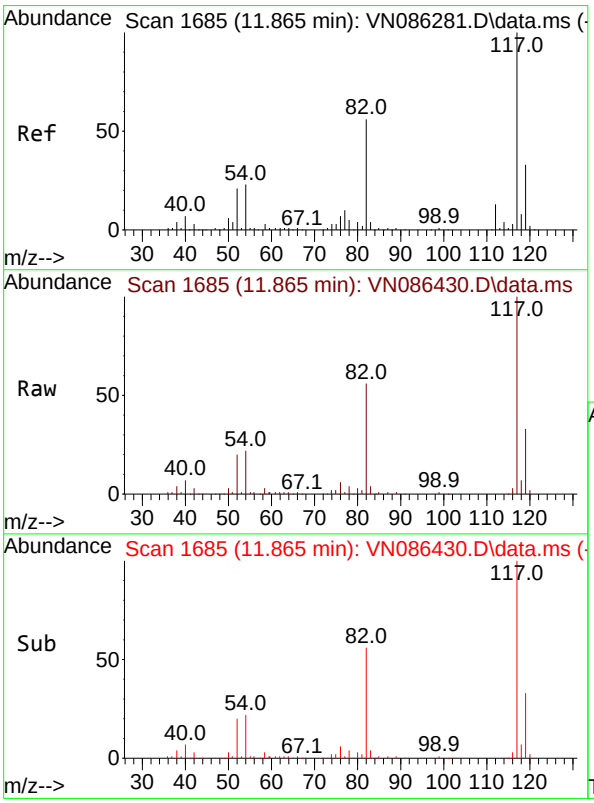
#62
4-Bromofluorobenzene
Concen: 50.862 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086430.D
Acq: 30 Apr 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB167775TB

Tgt Ion: 95 Resp: 138835

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	133.4
176	69.7	0.0	129.2

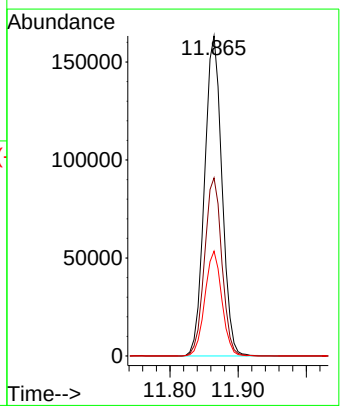


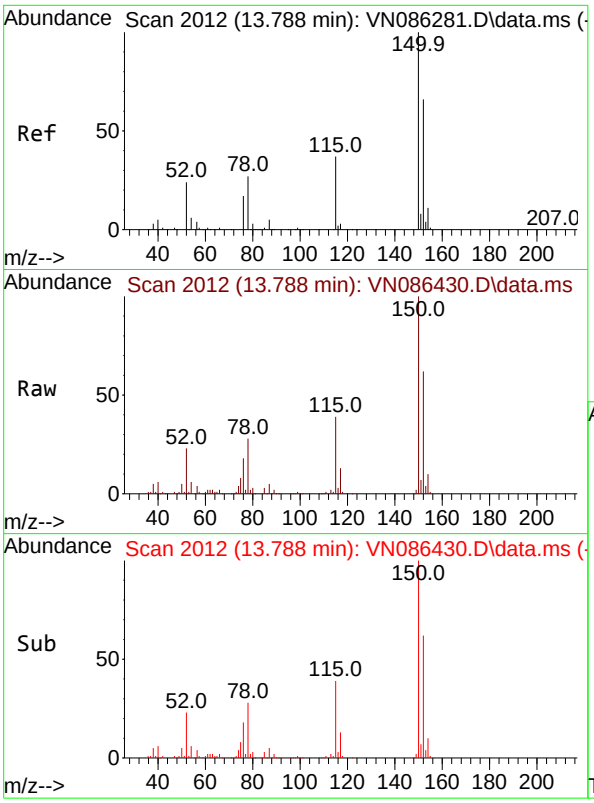


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086430.D
Acq: 30 Apr 2025 12:37

Tgt Ion:117 Resp: 289830

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.7	67.1
119	32.8	26.4	39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086430.D
Acq: 30 Apr 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB167775TB

Tgt Ion:152 Resp: 123592

Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.9	95.9
150	159.3	0.0	352.0