Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
Data File : VN086653.D
Acq On : 15 May 2025 18:25
Operator : JC\MD
Sample : PB167995ZHE#15
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#15

Quant Time: May 16 05:32:16 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	206885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	394365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	389995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144046	48.015	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.040%			
35) Dibromofluoromethane	8.165	113	118357	64.665	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 129.340%#			
50) Toluene-d8	10.565	98	507089	51.839	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.680%			
62) 4-Bromofluorobenzene	12.847	95	183996	51.570	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.140%			
Target Compounds						Qvalue
16) Acetone	4.430	43	26027	19.839	ug/l	92
18) Methyl Acetate	5.030	43	4922	1.367	ug/l	95
20) Methylene Chloride	5.283	84	10830	3.905	ug/l #	84
25) 2-Butanone	7.483	43	10011	5.361	ug/l	98
43) Isopropyl Acetate	8.688	43	66052	7.842	ug/l #	74

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

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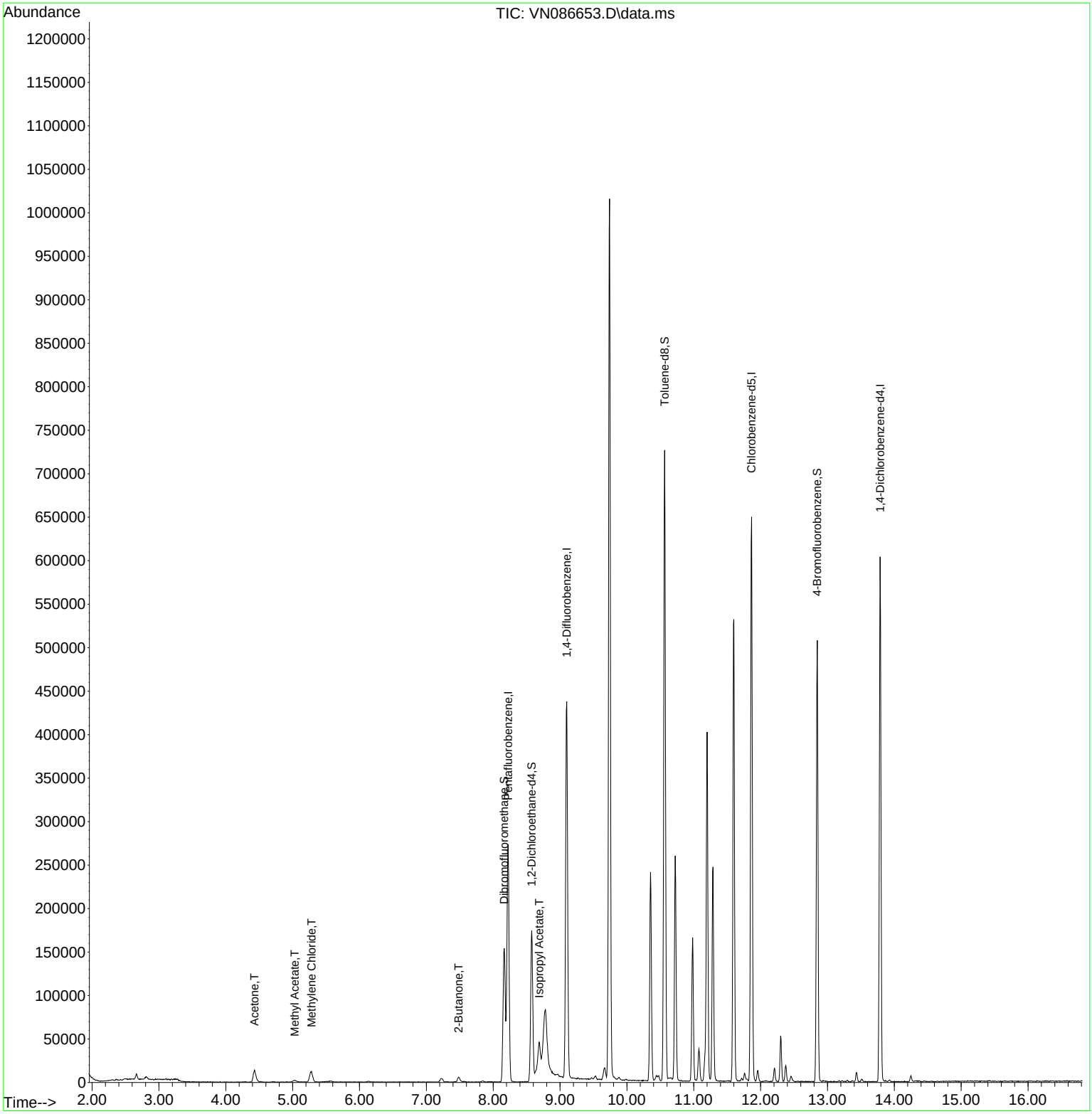
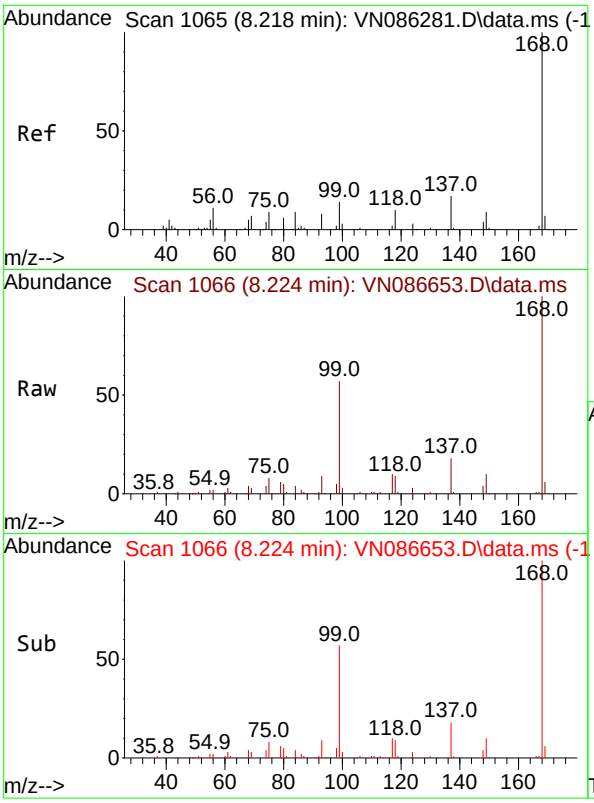


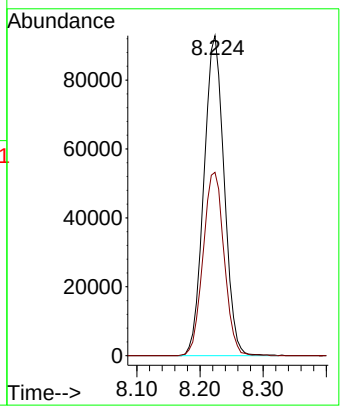


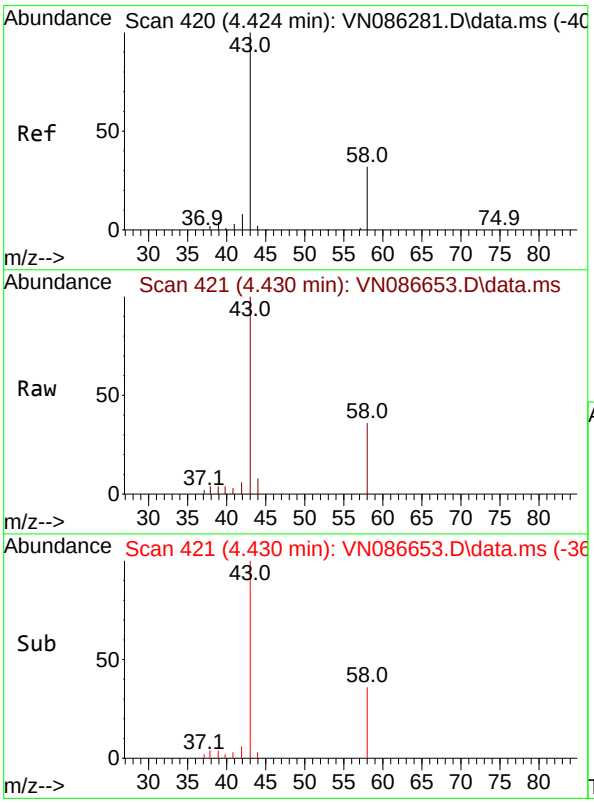
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086653.D
Acq: 15 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#15

Tgt Ion:168 Resp: 206885

Ion	Ratio	Lower	Upper
168	100		
99	57.3	52.5	78.7

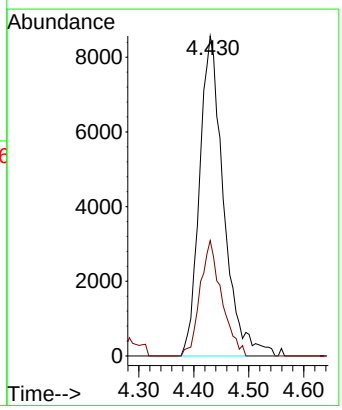


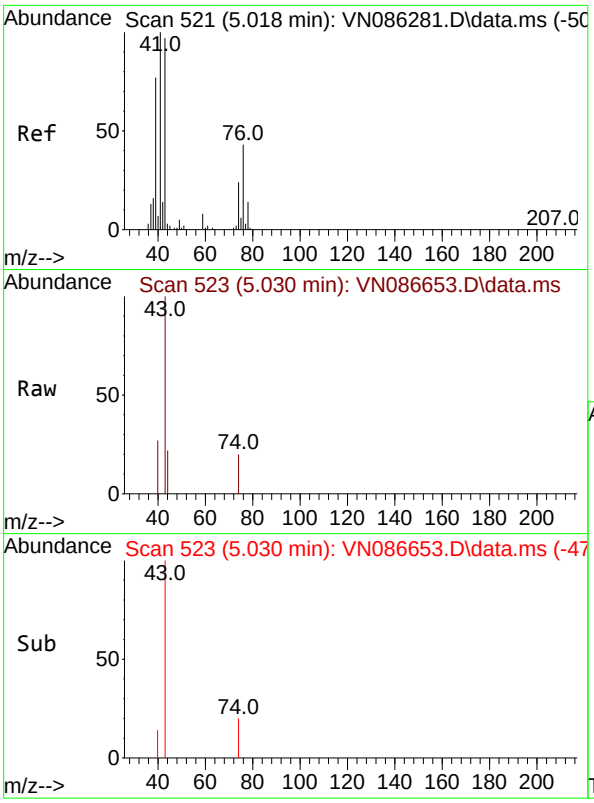


#16
Acetone
Concen: 19.839 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086653.D
Acq: 15 May 2025 18:25

Tgt Ion: 43 Resp: 26027

Ion	Ratio	Lower	Upper
43	100		
58	36.0	25.3	37.9



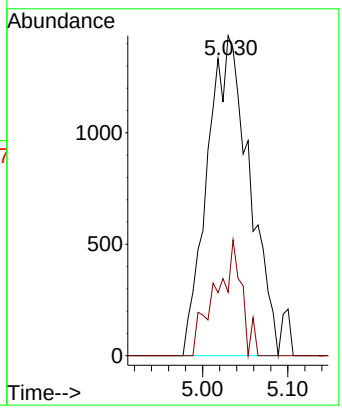


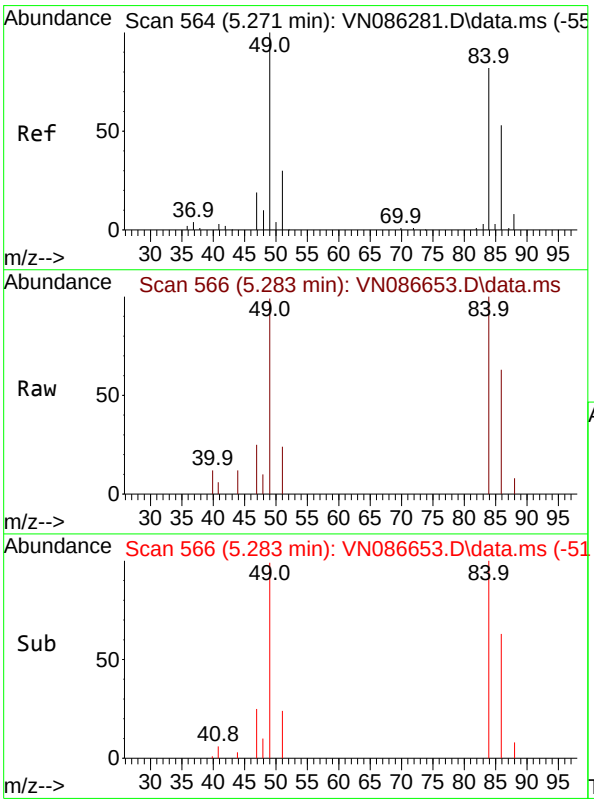
#18
Methyl Acetate
Concen: 1.367 ug/l
RT: 5.030 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN086653.D
Acq: 15 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#15

Tgt Ion: 43 Resp: 4922

Ion	Ratio	Lower	Upper
43	100		
74	22.4	19.8	29.6

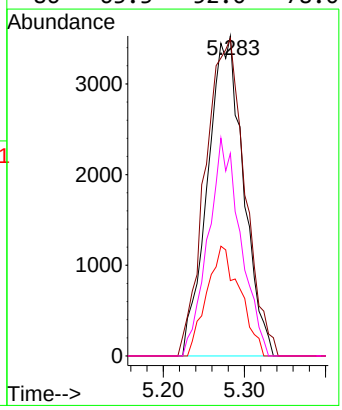


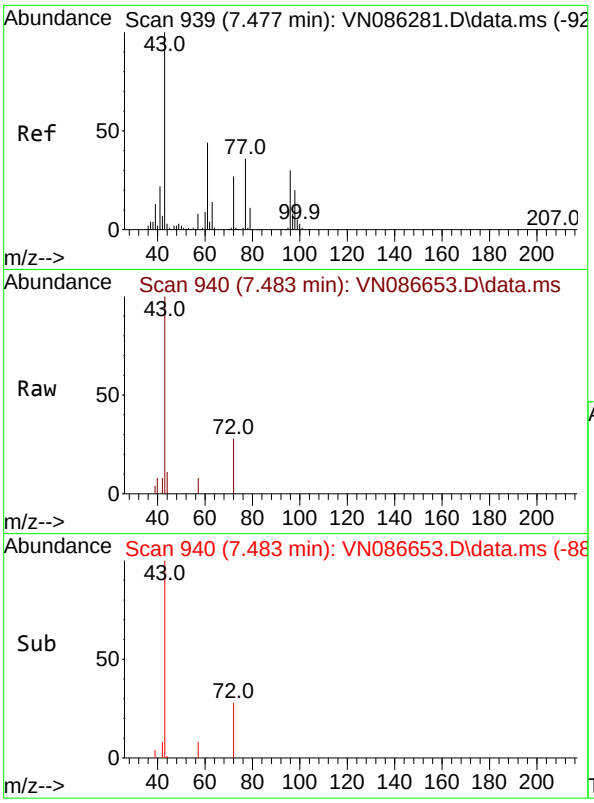


#20
Methylene Chloride
Concen: 3.905 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086653.D
Acq: 15 May 2025 18:25

Tgt Ion: 84 Resp: 10830

Ion	Ratio	Lower	Upper
84	100		
49	99.3	98.2	147.2
51	23.5	29.8	44.6#
86	63.3	52.0	78.0



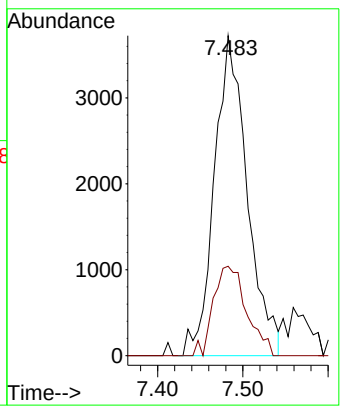


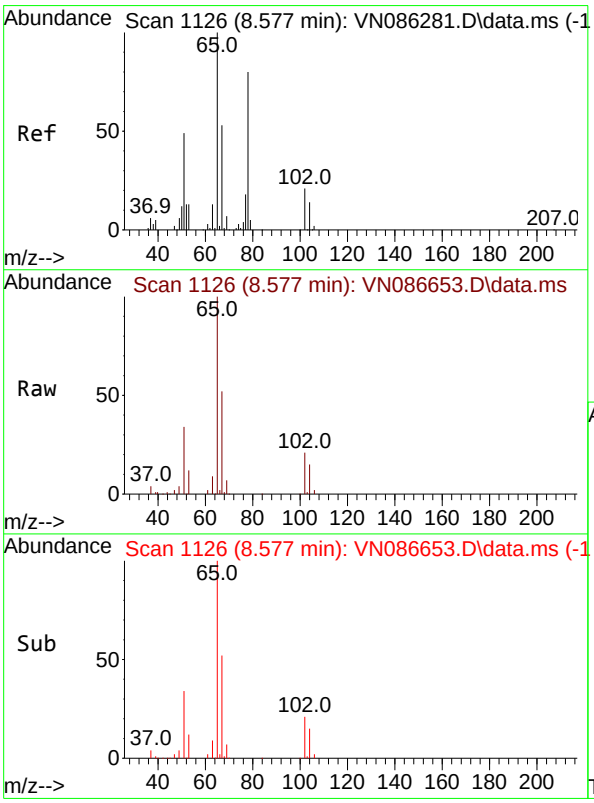
#25
2-Butanone
Concen: 5.361 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086653.D
Acq: 15 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#15

Tgt Ion: 43 Resp: 10011

Ion	Ratio	Lower	Upper
43	100		
72	28.0	21.7	32.5

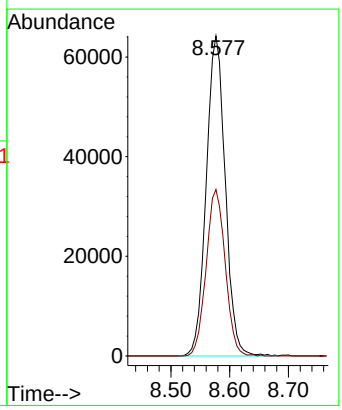


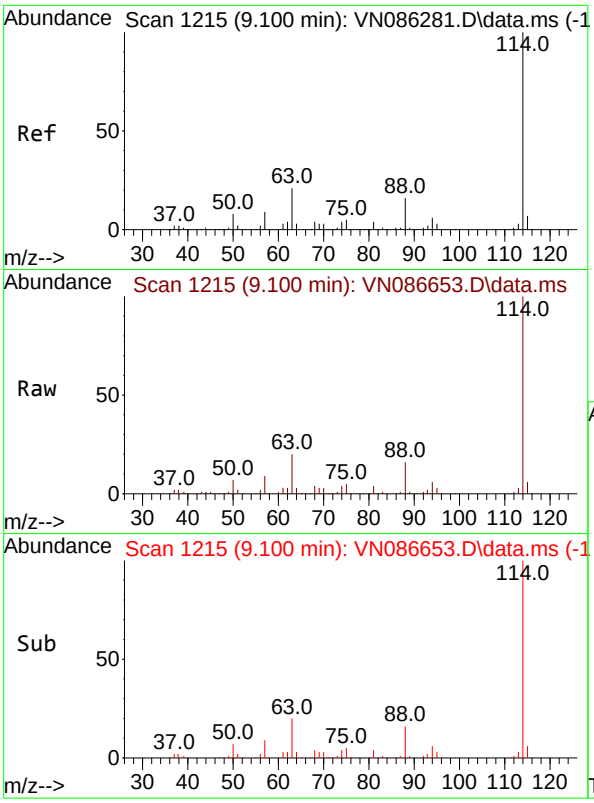


#33
1,2-Dichloroethane-d4
Concen: 48.015 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086653.D
Acq: 15 May 2025 18:25

Tgt Ion: 65 Resp: 144046

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.0



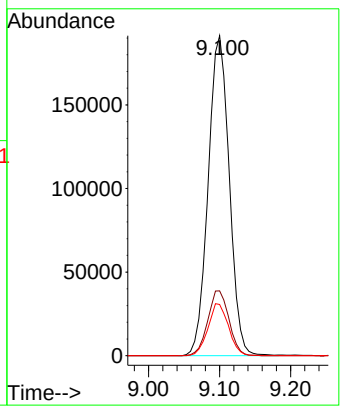


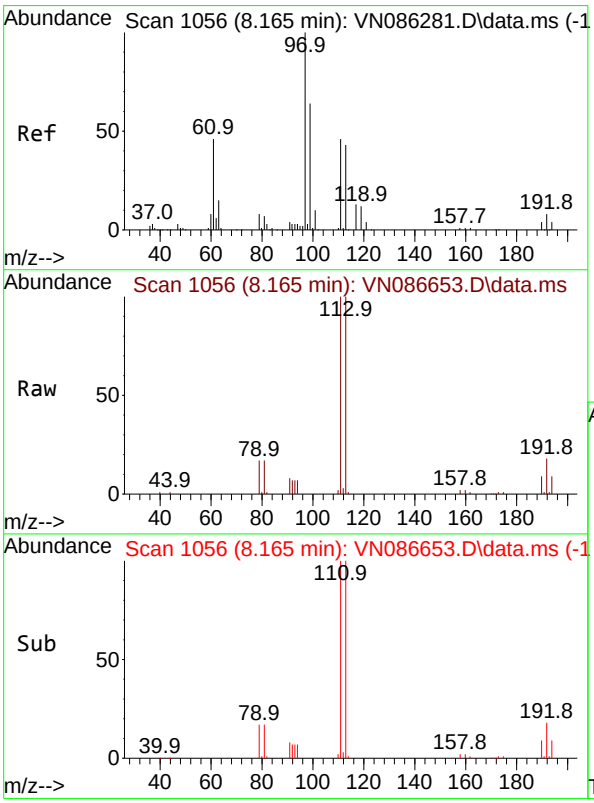
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086653.D
Acq: 15 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#15

Tgt Ion:114 Resp: 394365

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.6
88	16.0	0.0	31.8

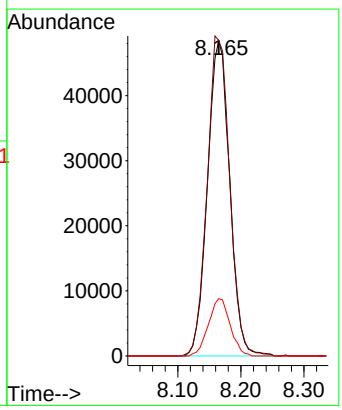


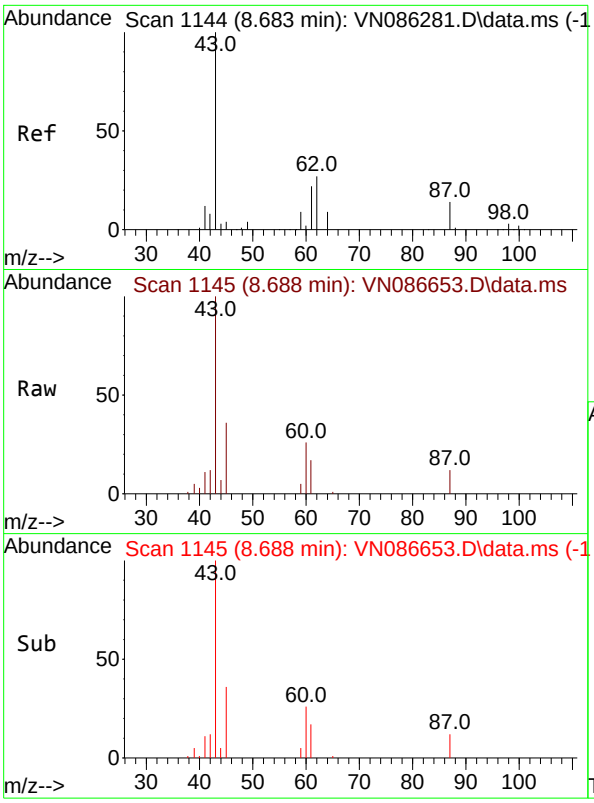


#35
Dibromofluoromethane
Concen: 64.665 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086653.D
Acq: 15 May 2025 18:25

Tgt Ion:113 Resp: 118357

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.4	125.0
192	17.8	13.7	20.5



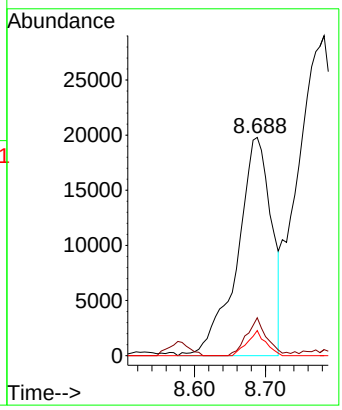


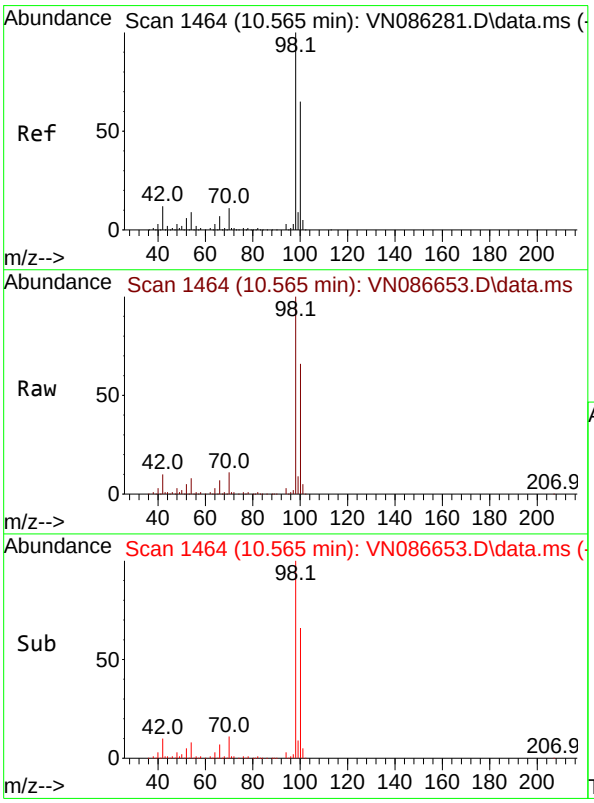
#43
Isopropyl Acetate
Concen: 7.842 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN086653.D
Acq: 15 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#15

Tgt Ion: 43 Resp: 66052

Ion	Ratio	Lower	Upper
43	100		
61	10.4	20.5	30.7#
87	6.2	10.5	15.7#

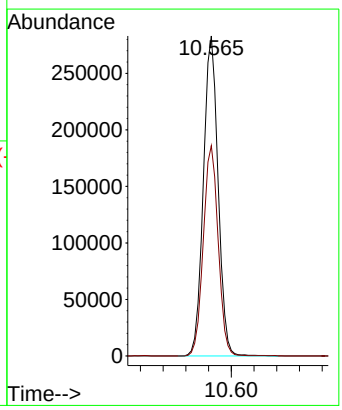


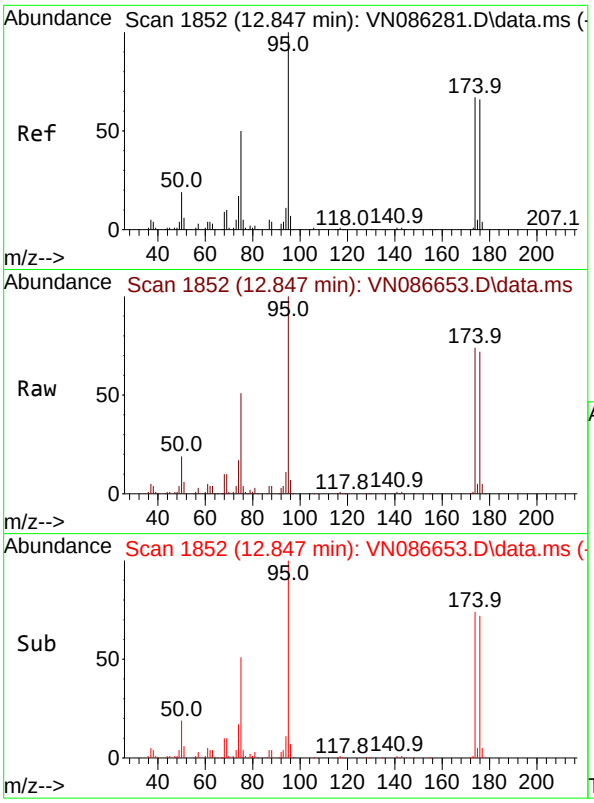


#50
Toluene-d8
Concen: 51.839 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086653.D
Acq: 15 May 2025 18:25

Tgt Ion: 98 Resp: 507089

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.5	78.7



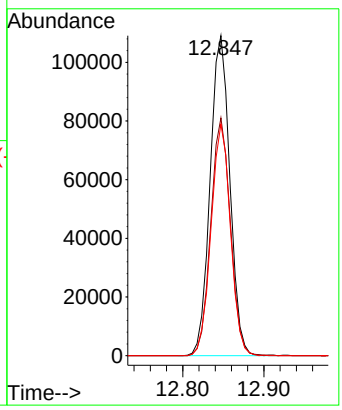


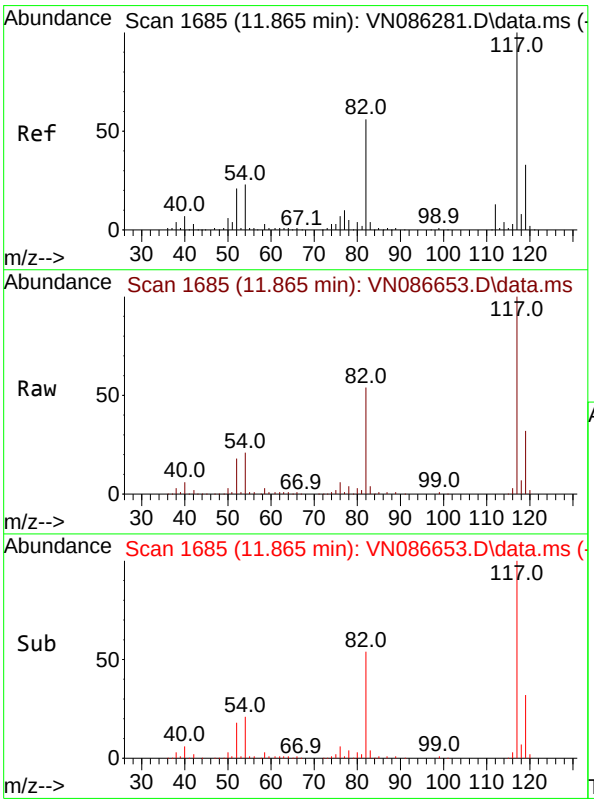
#62
4-Bromofluorobenzene
Concen: 51.570 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086653.D
Acq: 15 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#15

Tgt Ion: 95 Resp: 183996

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	133.4
176	71.1	0.0	129.2

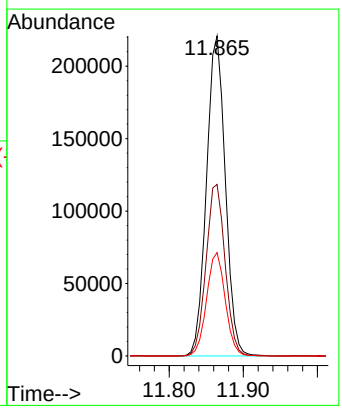


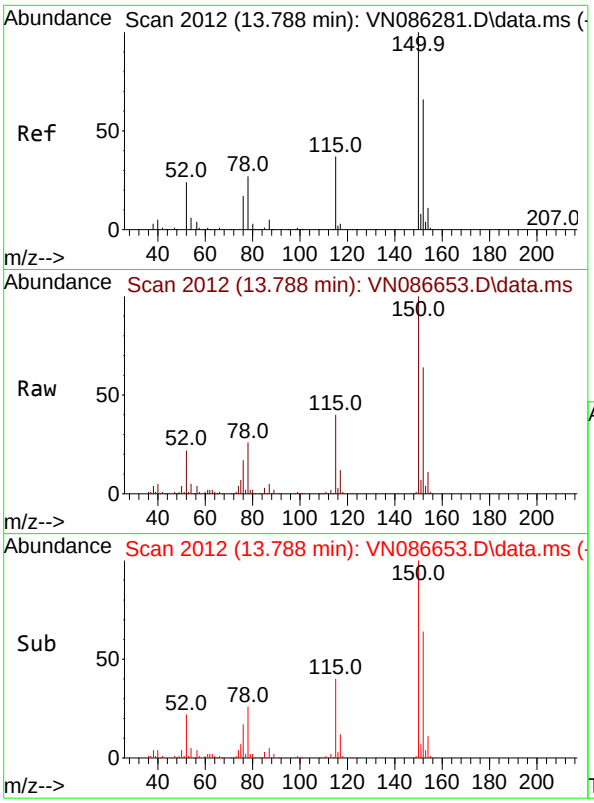


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086653.D
Acq: 15 May 2025 18:25

Tgt Ion:117 Resp: 389995

Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.7	67.1
119	32.3	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: VN086653.D
Acq: 15 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#15

Tgt Ion:152 Resp: 167119

Ion	Ratio	Lower	Upper
152	100		
115	60.9	31.9	95.9
150	158.5	0.0	352.0