Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
Data File : VN086432.D
Acq On : 30 Apr 2025 13:26
Operator : JC\MD
Sample : PB167775ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#02

Quant Time: May 01 01:34:09 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	164780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	314367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116290	48.668	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.340%			
35) Dibromofluoromethane	8.165	113	75237	51.567	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.140%			
50) Toluene-d8	10.565	98	403056	51.689	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.380%			
62) 4-Bromofluorobenzene	12.847	95	148262	52.129	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.260%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.524	59	8640	19.818	ug/l	95
16) Acetone	4.424	43	38019	41.255	ug/l	92
20) Methylene Chloride	5.283	84	5912	2.676	ug/l #	96
25) 2-Butanone	7.483	43	36747	24.707	ug/l	97
43) Isopropyl Acetate	8.683	43	36906	4.926	ug/l #	85

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

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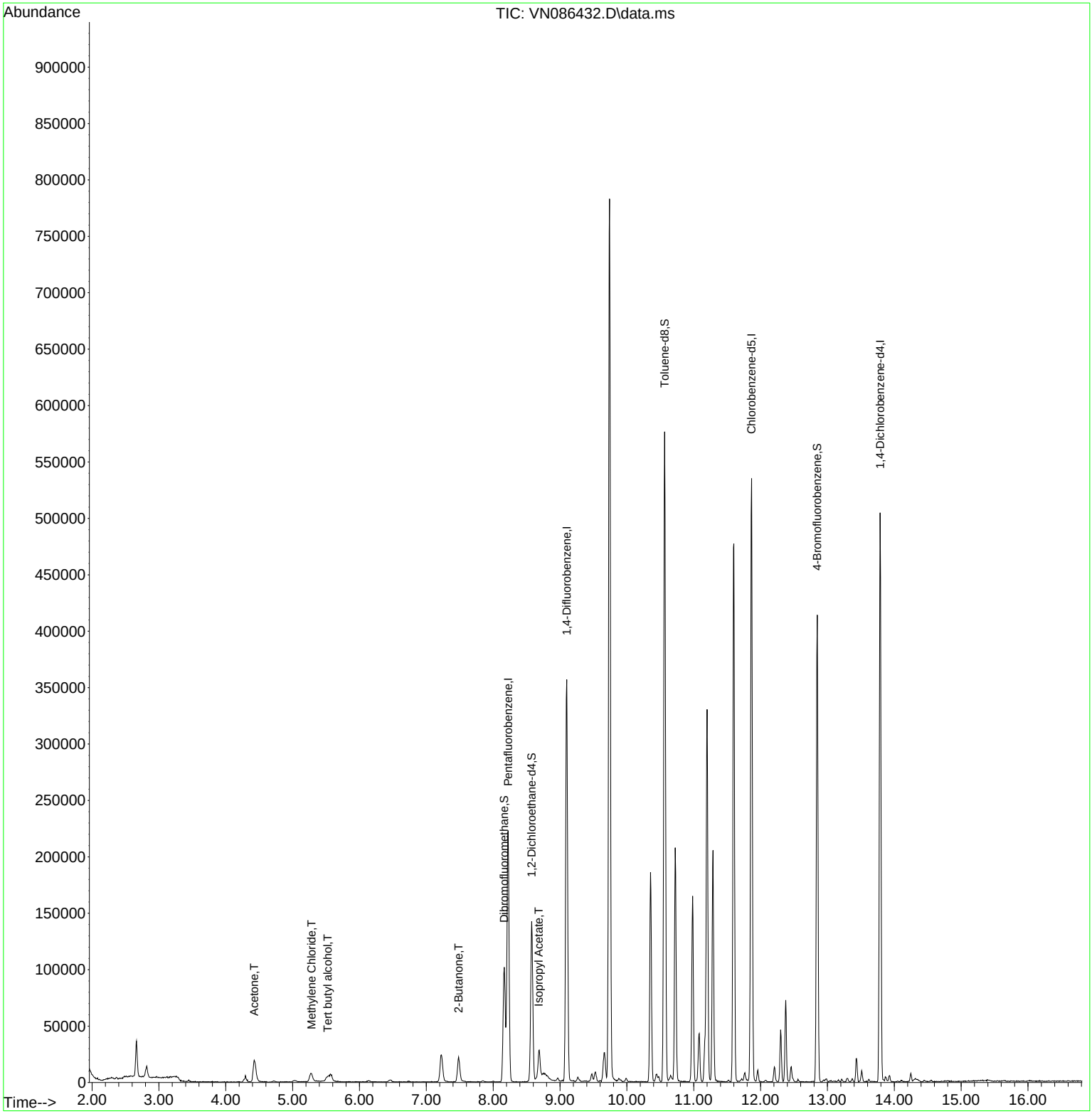
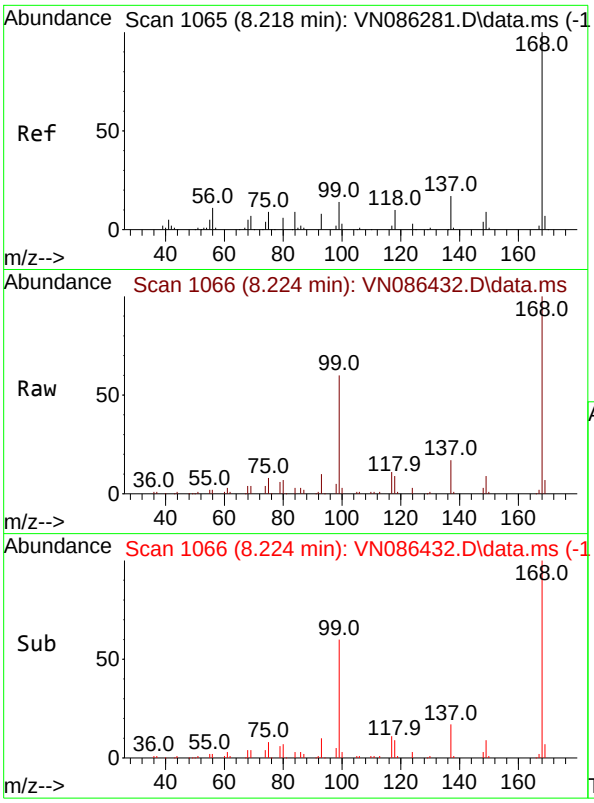


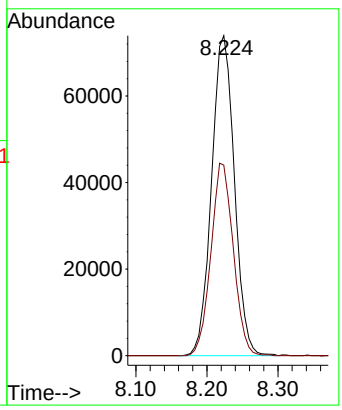


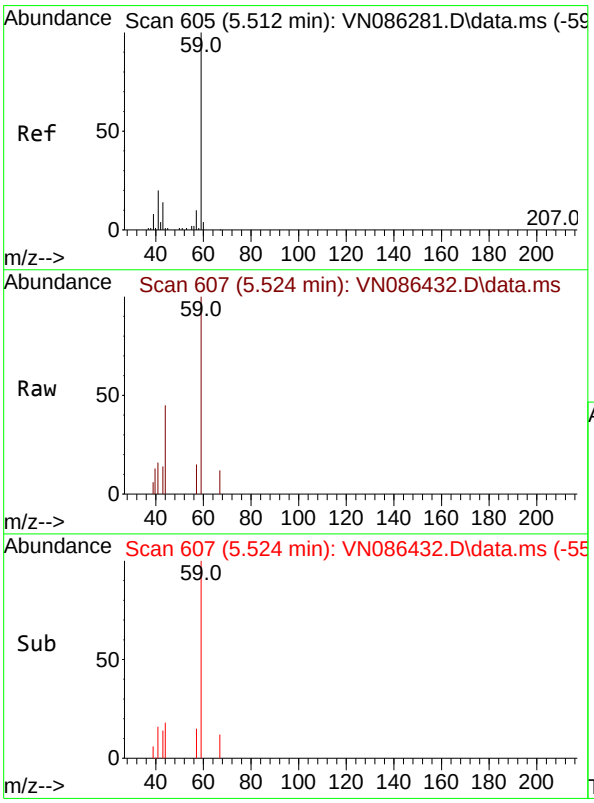
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086432.D
Acq: 30 Apr 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#02

Tgt Ion:168 Resp: 164780

Ion	Ratio	Lower	Upper
168	100		
99	59.5	52.5	78.7

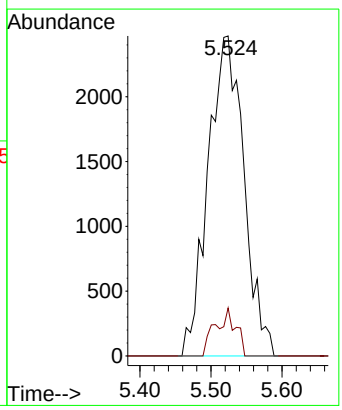


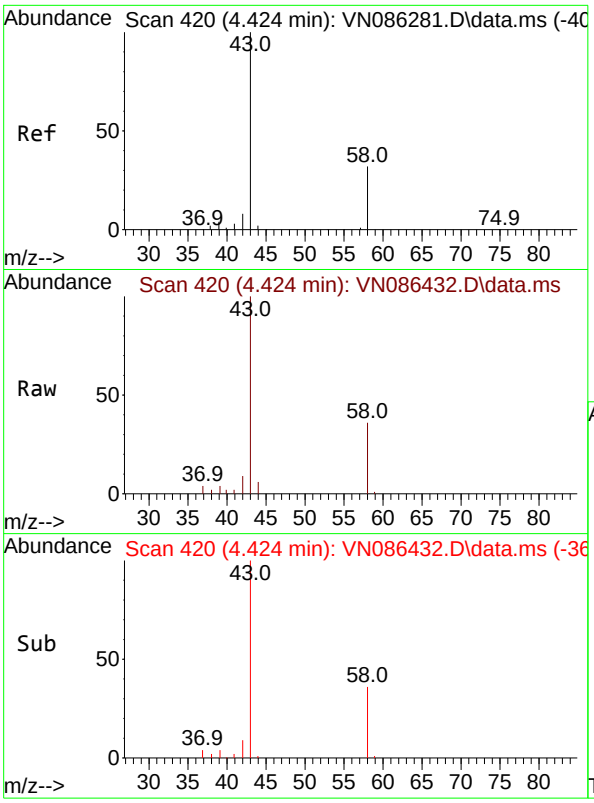


#11
Tert butyl alcohol
Concen: 19.818 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN086432.D
Acq: 30 Apr 2025 13:26

Tgt Ion: 59 Resp: 8640

Ion	Ratio	Lower	Upper
59	100		
57	8.5	8.3	12.5



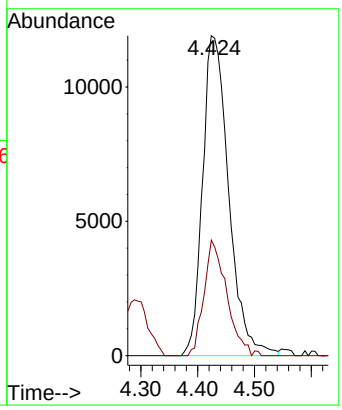


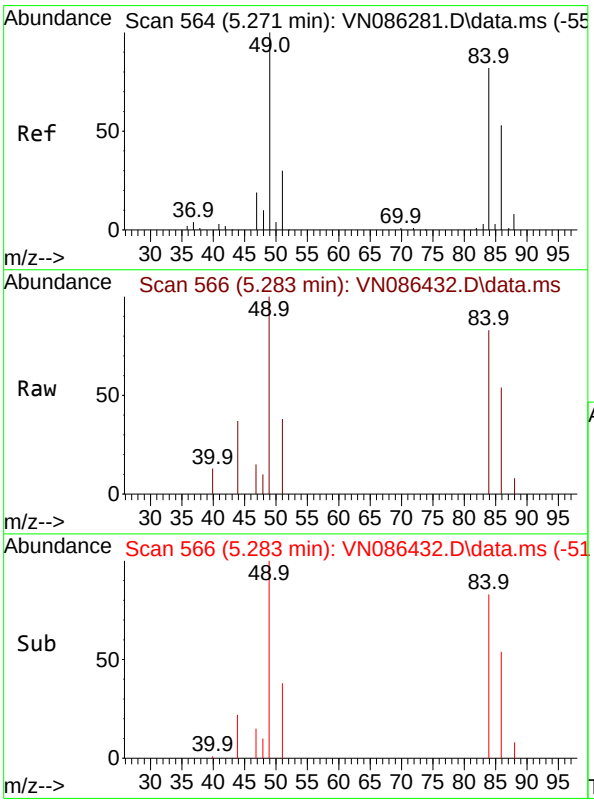
#16
Acetone
Concen: 41.255 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN086432.D
Acq: 30 Apr 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#02

Tgt Ion: 43 Resp: 38019

Ion	Ratio	Lower	Upper
43	100		
58	36.1	25.3	37.9

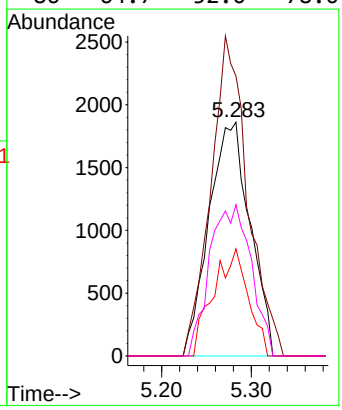


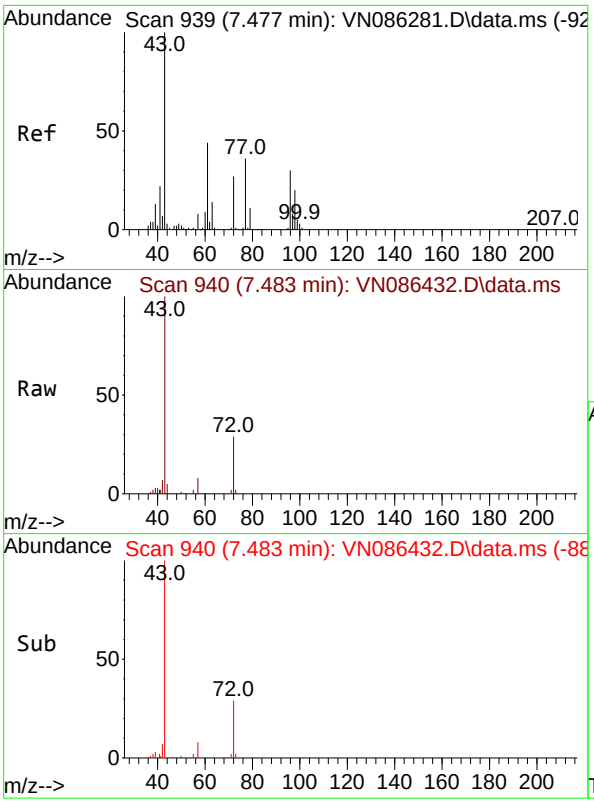


#20
Methylene Chloride
Concen: 2.676 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086432.D
Acq: 30 Apr 2025 13:26

Tgt Ion: 84 Resp: 5912

Ion	Ratio	Lower	Upper
84	100		
49	119.8	98.2	147.2
51	45.8	29.8	44.6#
86	64.7	52.0	78.0



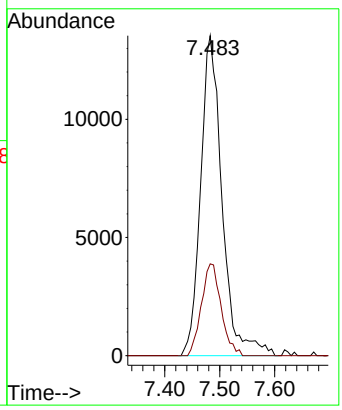


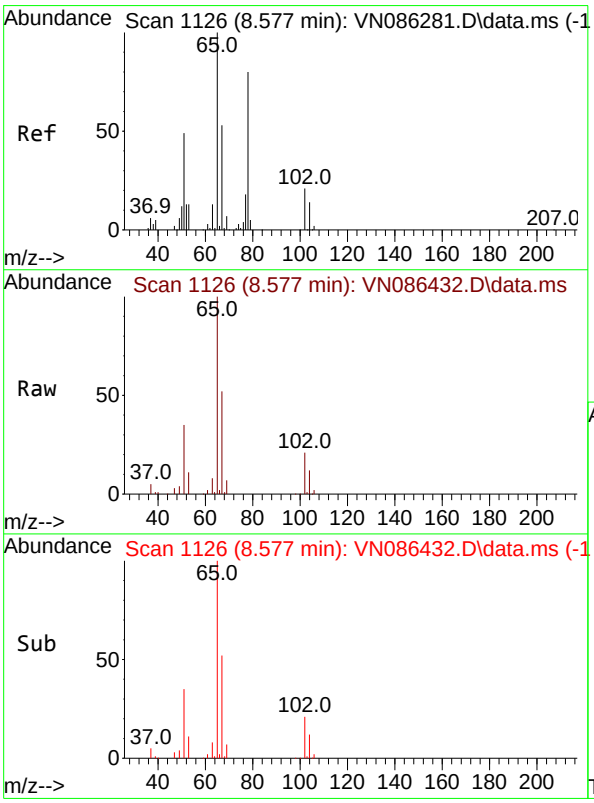
#25
2-Butanone
Concen: 24.707 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086432.D
Acq: 30 Apr 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#02

Tgt Ion: 43 Resp: 36747

Ion	Ratio	Lower	Upper
43	100		
72	28.7	21.7	32.5

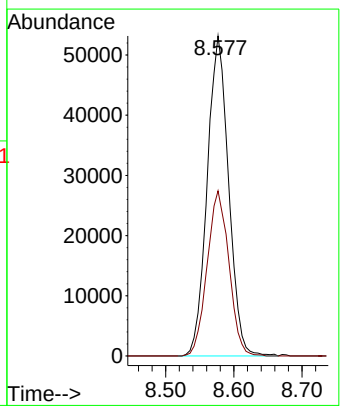


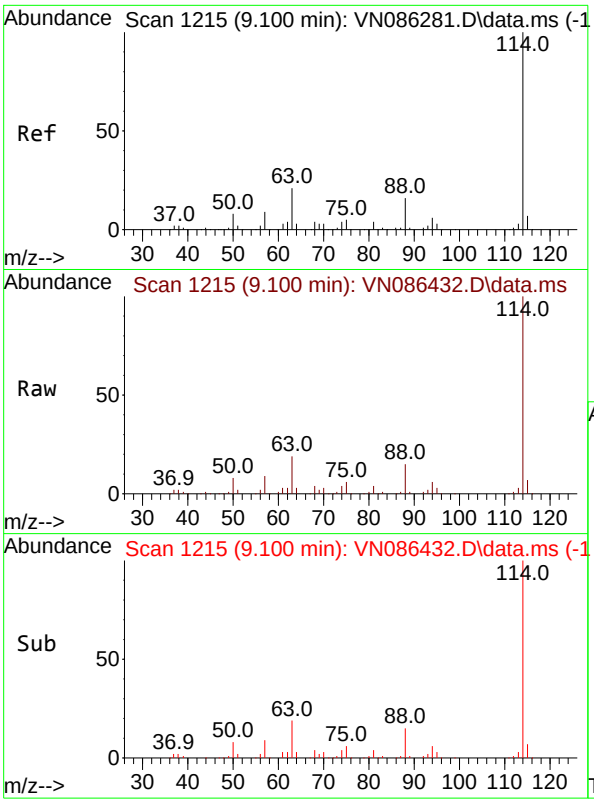


#33
1,2-Dichloroethane-d4
Concen: 48.668 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086432.D
Acq: 30 Apr 2025 13:26

Tgt Ion: 65 Resp: 116290

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.0



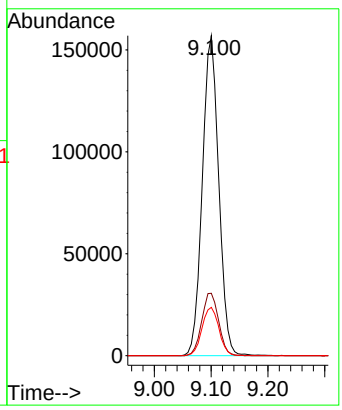


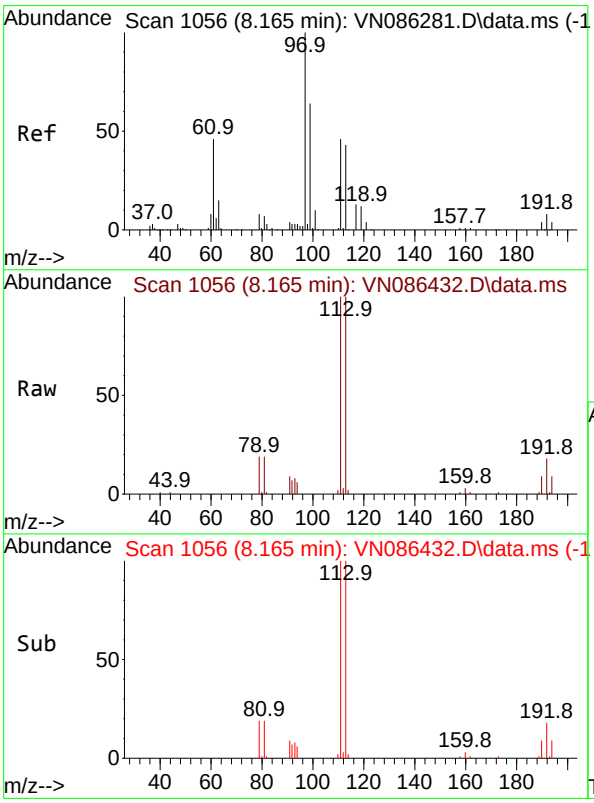
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086432.D
Acq: 30 Apr 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#02

Tgt Ion:114 Resp: 314367

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.6
88	15.1	0.0	31.8

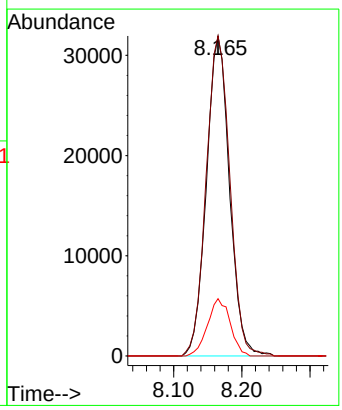


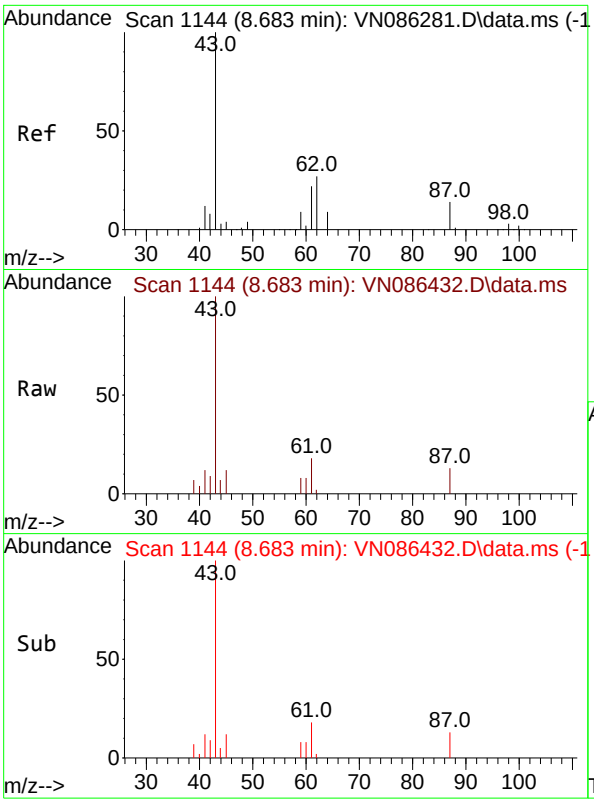


#35
Dibromofluoromethane
Concen: 51.567 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086432.D
Acq: 30 Apr 2025 13:26

Tgt Ion:113 Resp: 75237

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.0
192	17.5	13.7	20.5



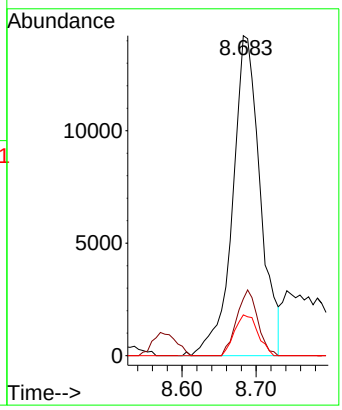


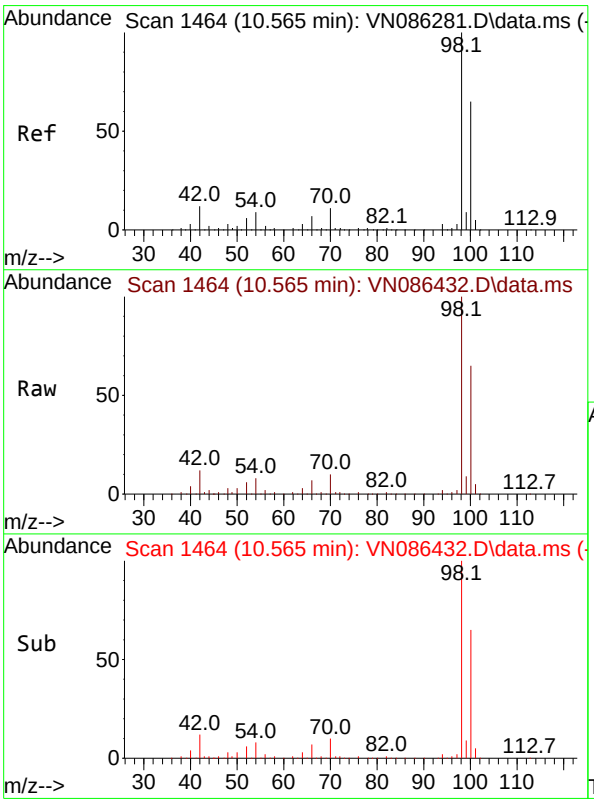
#43
Isopropyl Acetate
Concen: 4.926 ug/l
RT: 8.683 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086432.D
Acq: 30 Apr 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#02

Tgt Ion: 43 Resp: 36906

Ion	Ratio	Lower	Upper
43	100		
61	15.6	20.5	30.7#
87	10.8	10.5	15.7

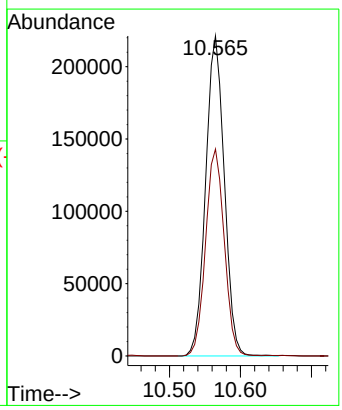


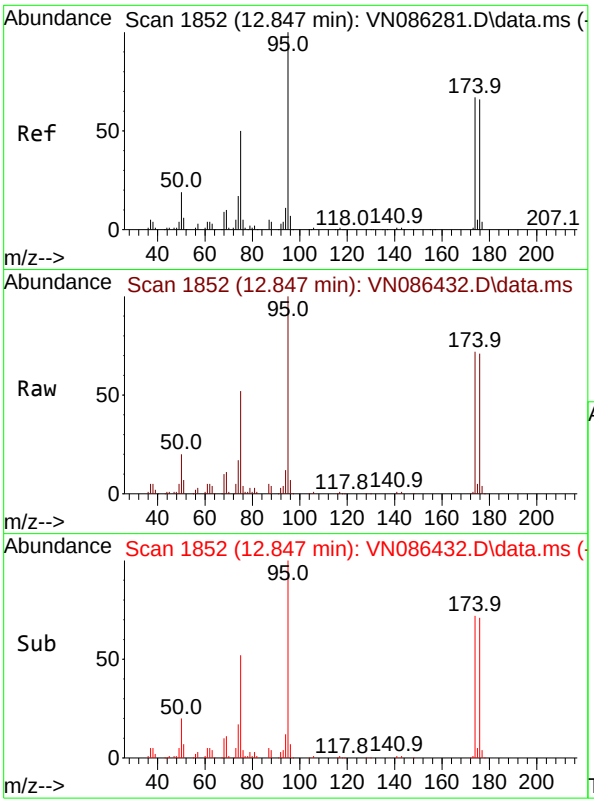


#50
Toluene-d8
Concen: 51.689 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086432.D
Acq: 30 Apr 2025 13:26

Tgt Ion: 98 Resp: 403056

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.5	78.7



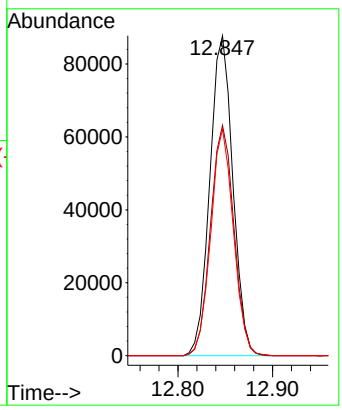


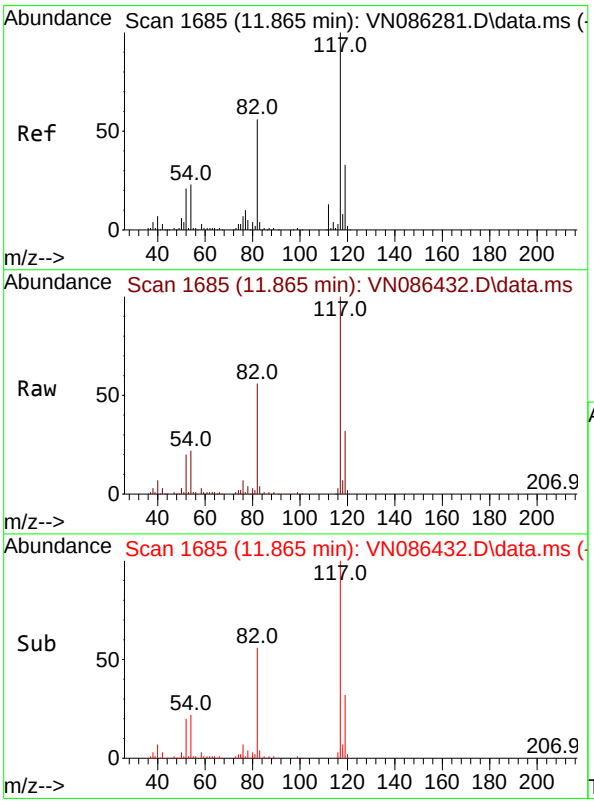
#62
4-Bromofluorobenzene
Concen: 52.129 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086432.D
Acq: 30 Apr 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#02

Tgt Ion: 95 Resp: 148262

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	133.4
176	69.8	0.0	129.2

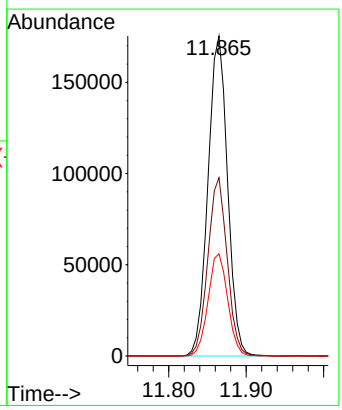


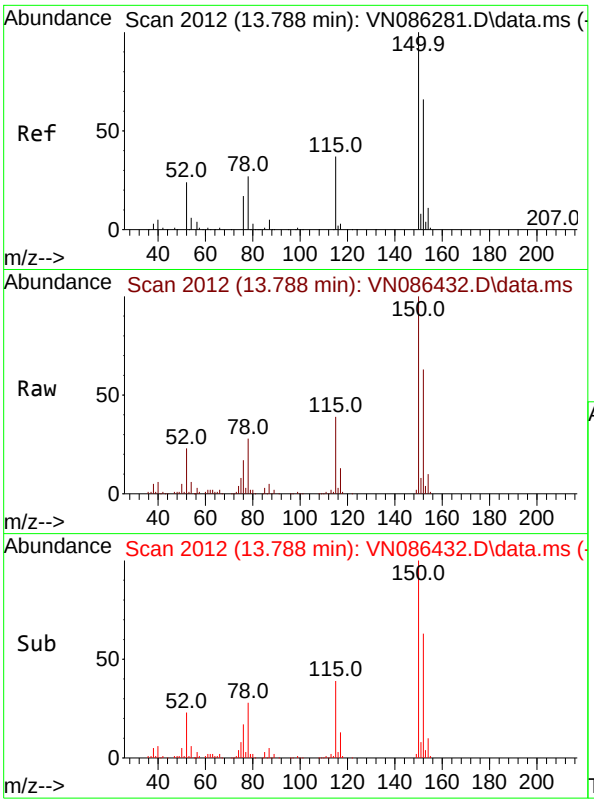


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086432.D
Acq: 30 Apr 2025 13:26

Tgt Ion:117 Resp: 307366

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.7	67.1
119	32.0	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: VN086432.D
Acq: 30 Apr 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#02

Tgt Ion:152 Resp: 133881

Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.9	95.9
150	158.7	0.0	352.0