Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
Data File : VN085741.D
Acq On : 11 Feb 2025 13:39
Operator : JC\MD
Sample : PB166652ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#01

Quant Time: Feb 11 23:18:05 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	249947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	475874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	451401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	195943	48.565	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.120%			
35) Dibromofluoromethane	8.165	113	165387	50.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.200%			
50) Toluene-d8	10.565	98	620816	52.926	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.860%			
62) 4-Bromofluorobenzene	12.847	95	186624	46.511	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.020%			
Target Compounds						Qvalue
16) Acetone	4.430	43	27099	20.787	ug/l	94
20) Methylene Chloride	5.271	84	3798	1.177	ug/l	89
43) Isopropyl Acetate	8.689	43	180526	24.090	ug/l #	90

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

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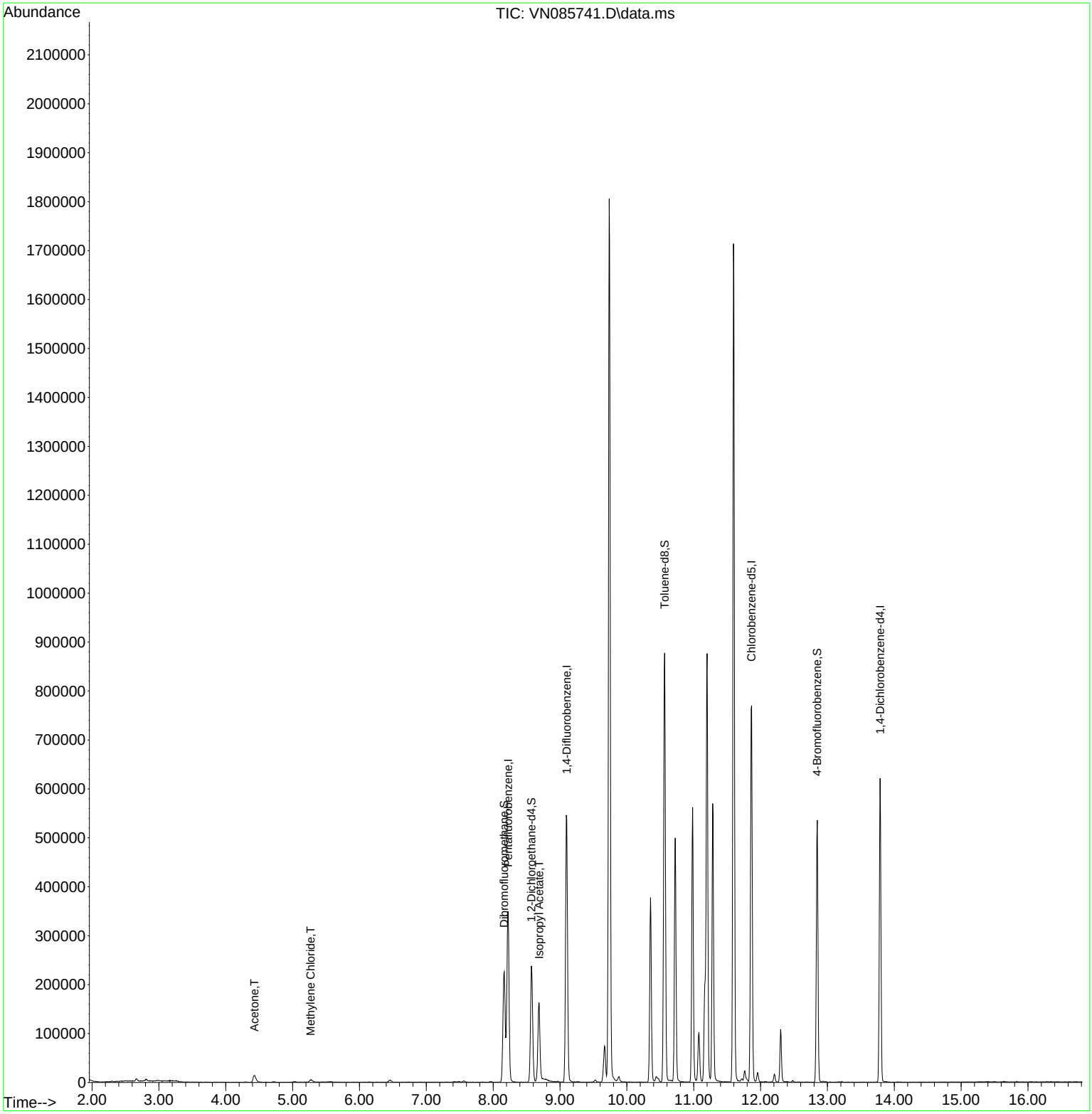
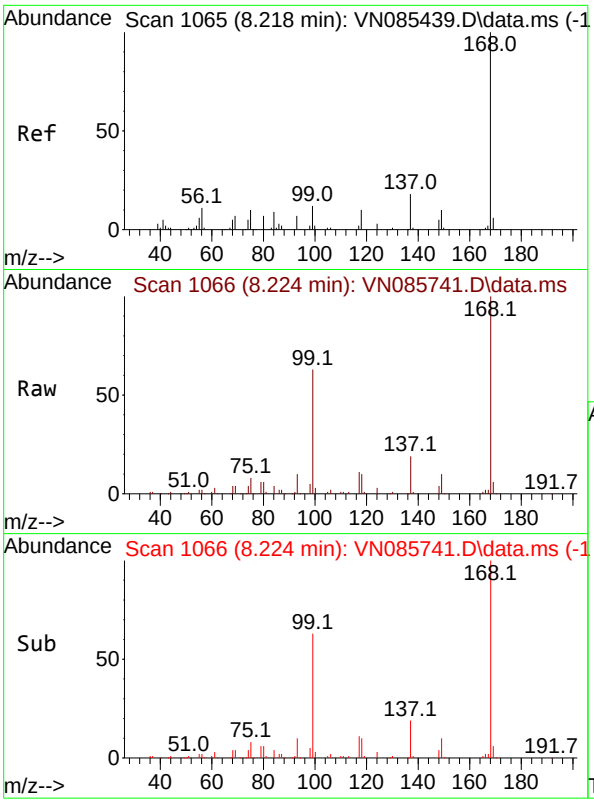


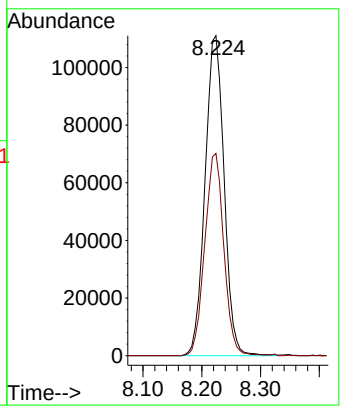


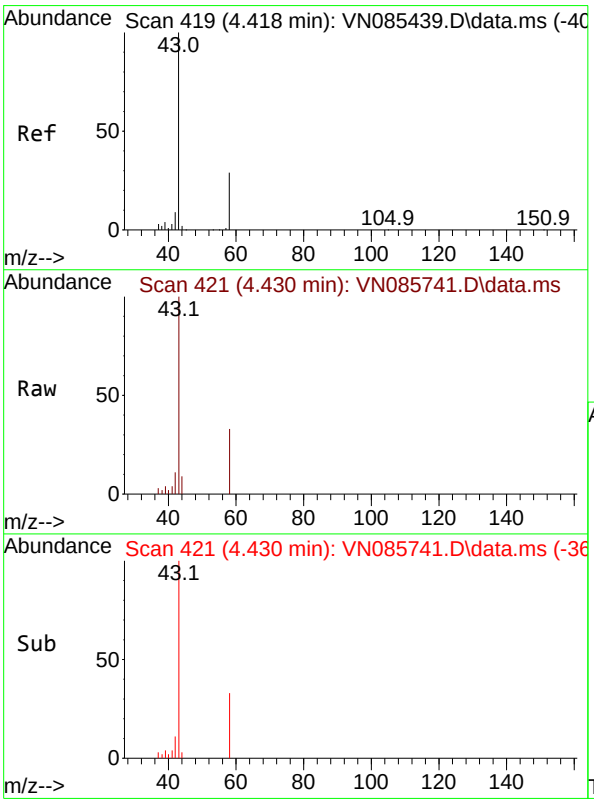
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085741.D
Acq: 11 Feb 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#01

Tgt Ion:168 Resp: 249947

Ion	Ratio	Lower	Upper
168	100		
99	63.2	53.6	80.4

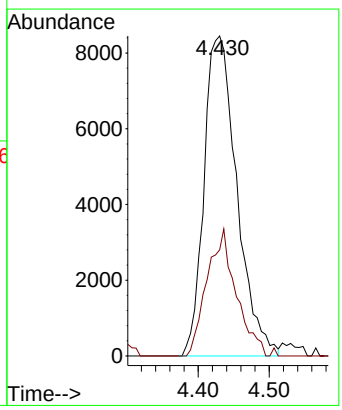


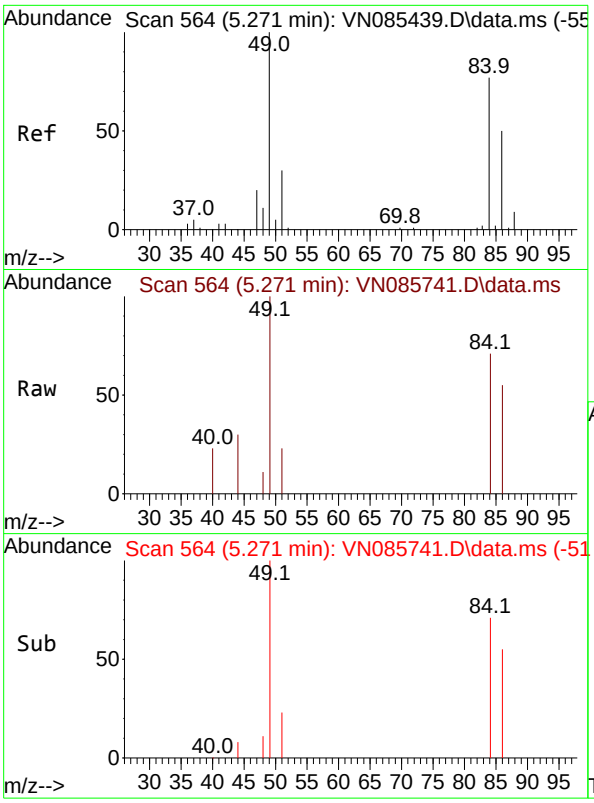


#16
Acetone
Concen: 20.787 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085741.D
Acq: 11 Feb 2025 13:39

Tgt Ion: 43 Resp: 27099

Ion	Ratio	Lower	Upper
43	100		
58	33.1	23.8	35.6



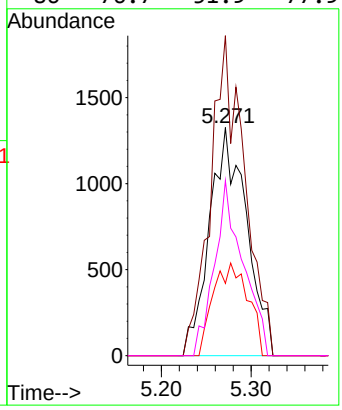


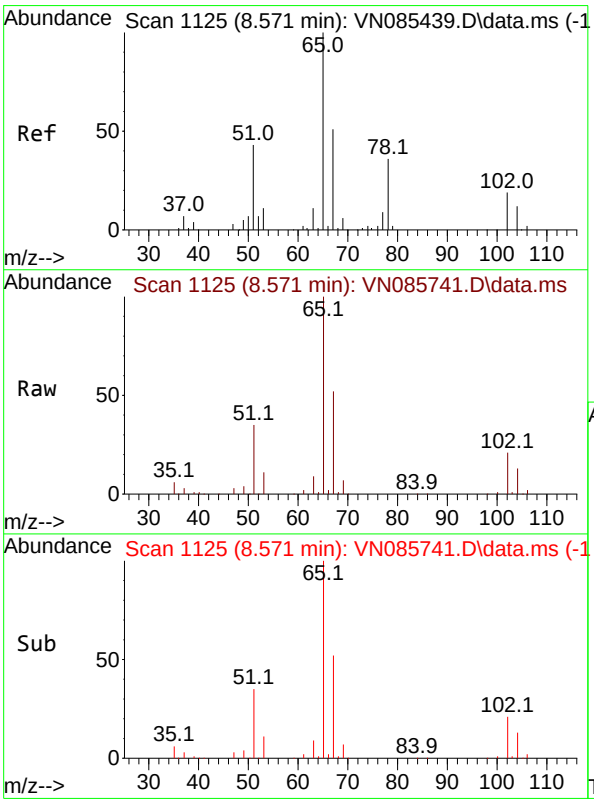
#20
Methylene Chloride
Concen: 1.177 ug/l
RT: 5.271 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN085741.D
Acq: 11 Feb 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#01

Tgt Ion: 84 Resp: 3798

Ion	Ratio	Lower	Upper
84	100		
49	140.3	104.1	156.1
51	31.7	31.0	46.4
86	76.7	51.9	77.9

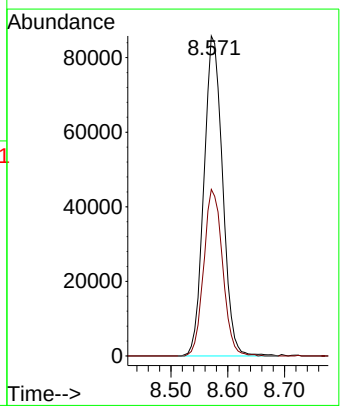


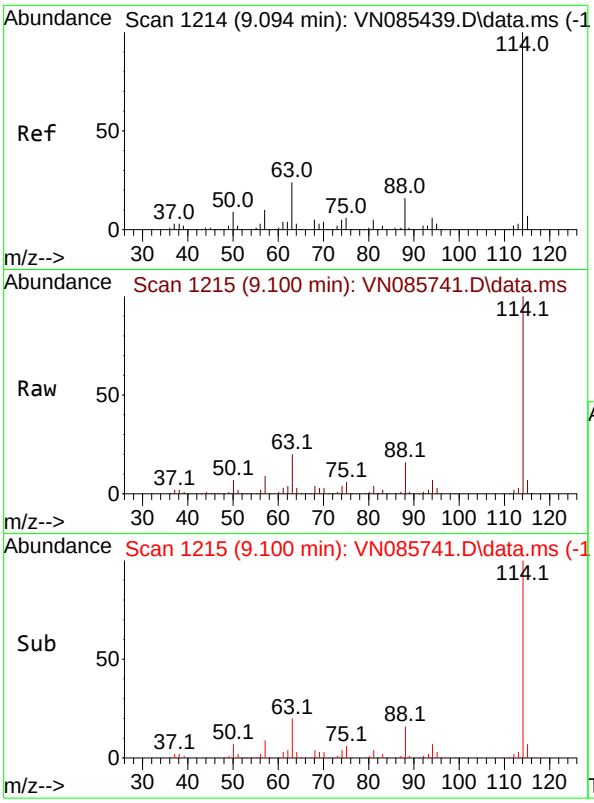


#33
1,2-Dichloroethane-d4
Concen: 48.565 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085741.D
Acq: 11 Feb 2025 13:39

Tgt Ion: 65 Resp: 195943

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	101.6



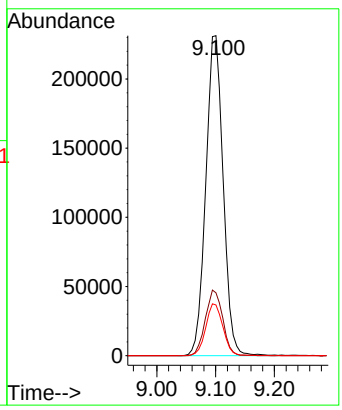


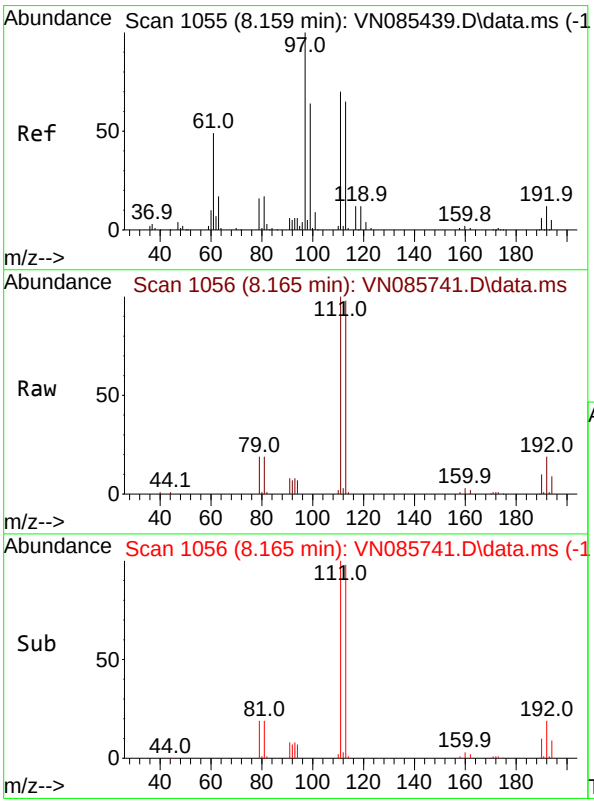
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085741.D
Acq: 11 Feb 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#01

Tgt Ion:114 Resp: 475874

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	47.6
88	15.8	0.0	32.6

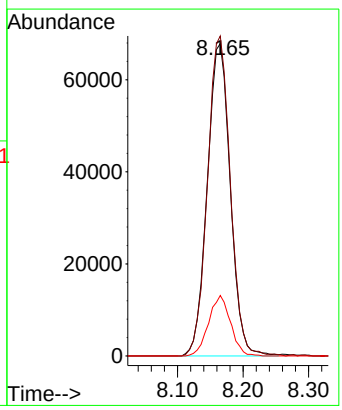


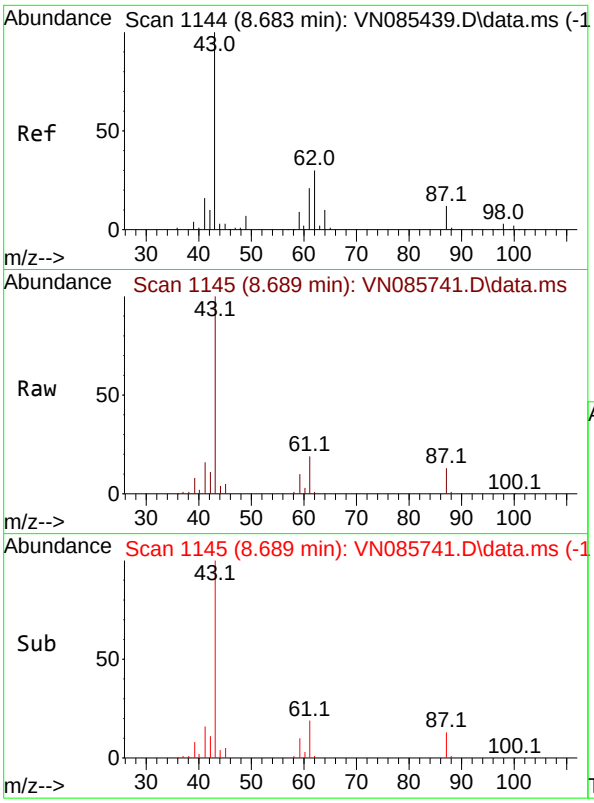


#35
Dibromofluoromethane
Concen: 50.096 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085741.D
Acq: 11 Feb 2025 13:39

Tgt Ion:113 Resp: 165387

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.7	124.1
192	18.5	14.3	21.5



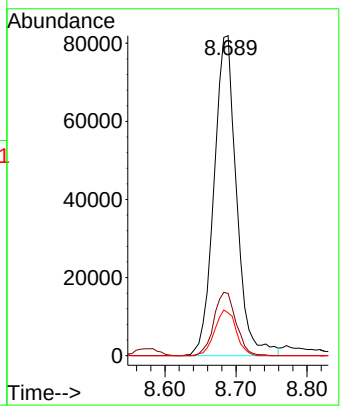


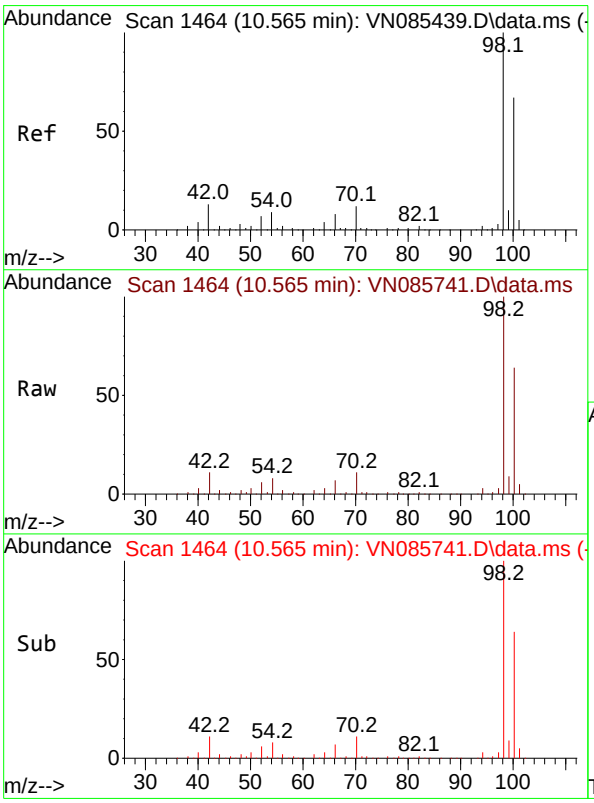
#43
Isopropyl Acetate
Concen: 24.090 ug/l
RT: 8.689 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085741.D
Acq: 11 Feb 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#01

Tgt Ion: 43 Resp: 180526

Ion	Ratio	Lower	Upper
43	100		
61	19.4	20.7	31.1#
87	13.5	9.8	14.8

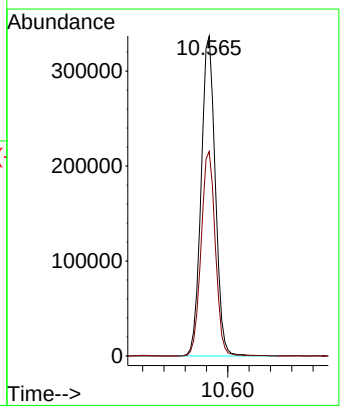


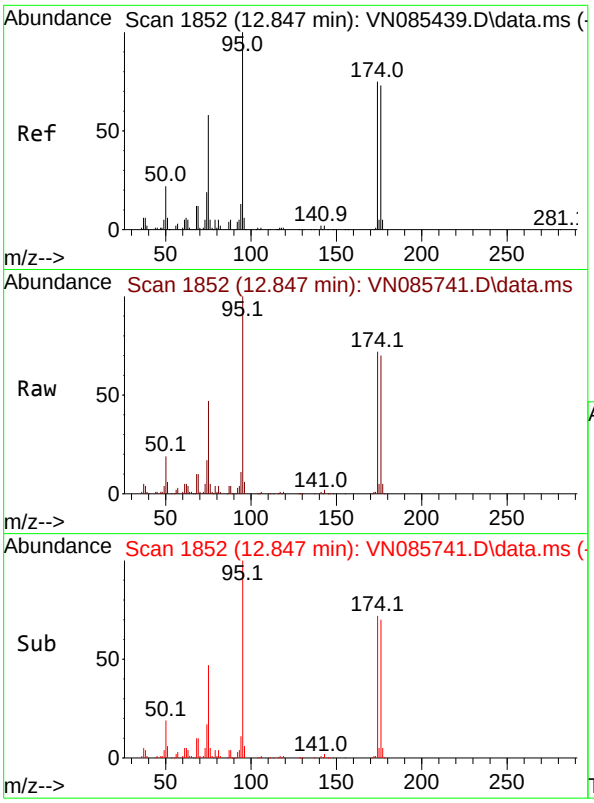


#50
Toluene-d8
Concen: 52.926 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085741.D
Acq: 11 Feb 2025 13:39

Tgt Ion: 98 Resp: 620816

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.4



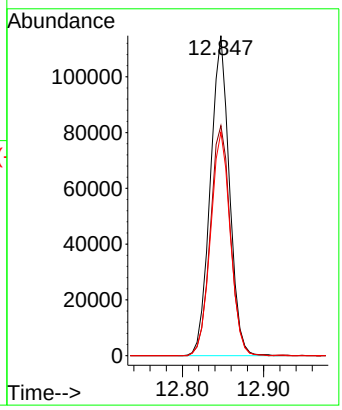


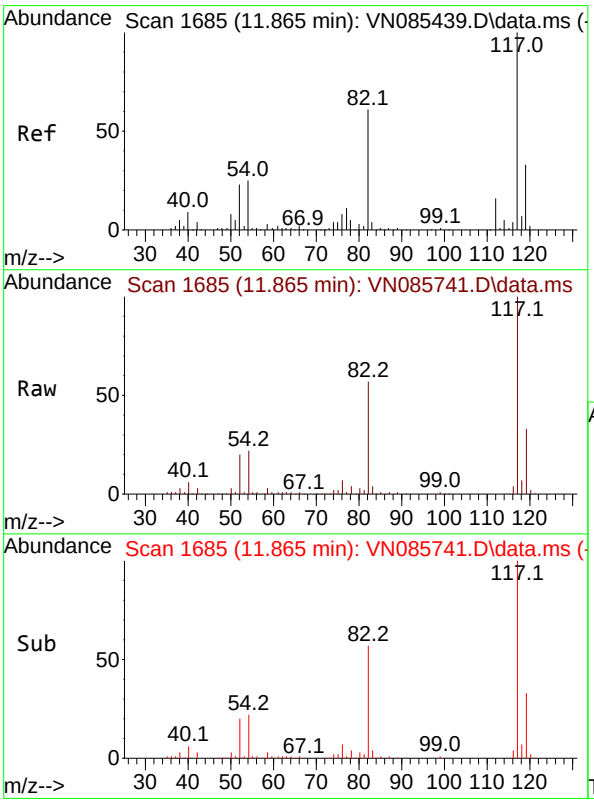
#62
4-Bromofluorobenzene
Concen: 46.511 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085741.D
Acq: 11 Feb 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#01

Tgt Ion: 95 Resp: 186624

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	145.0
176	72.3	0.0	142.4

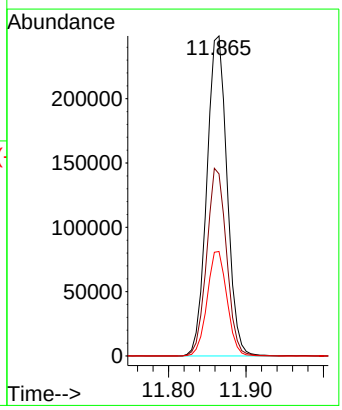


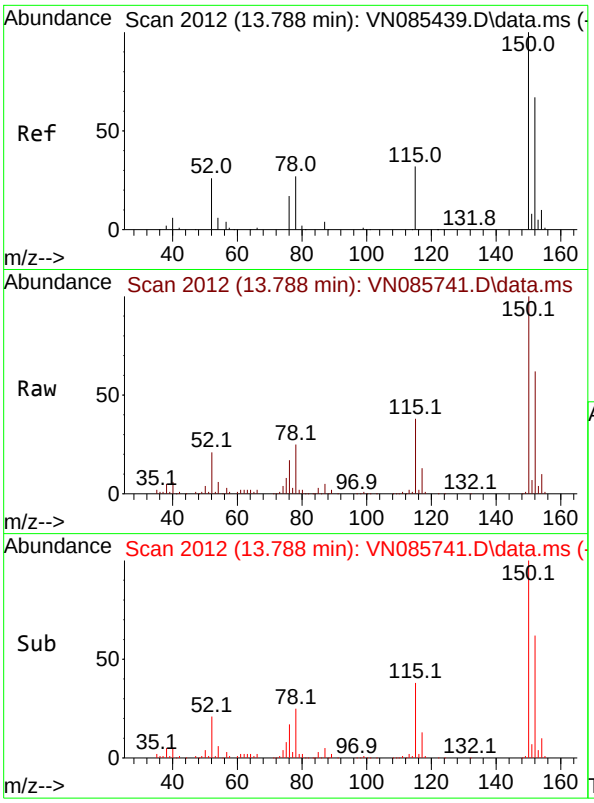


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085741.D
Acq: 11 Feb 2025 13:39

Tgt Ion:117 Resp: 451401

Ion	Ratio	Lower	Upper
117	100		
82	56.9	48.6	72.8
119	32.7	26.6	39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN085741.D
Acq: 11 Feb 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#01

Tgt Ion:152 Resp: 164884

Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.1	93.3
150	160.0	0.0	343.6