Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
Data File : VN085742.D
Acq On : 11 Feb 2025 14:03
Operator : JC\MD
Sample : PB166652ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#02

Quant Time: Feb 11 23:18:34 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	243135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	460328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	443264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	163281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	194263	49.498	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.000%			
35) Dibromofluoromethane	8.165	113	159715	50.012	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.020%			
50) Toluene-d8	10.565	98	603133	53.155	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.320%			
62) 4-Bromofluorobenzene	12.847	95	183713	47.332	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.660%			
Target Compounds						Qvalue
16) Acetone	4.424	43	27243	21.483	ug/l	100
20) Methylene Chloride	5.271	84	3229	1.029	ug/l #	81
43) Isopropyl Acetate	8.682	43	190788	26.319	ug/l #	90

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

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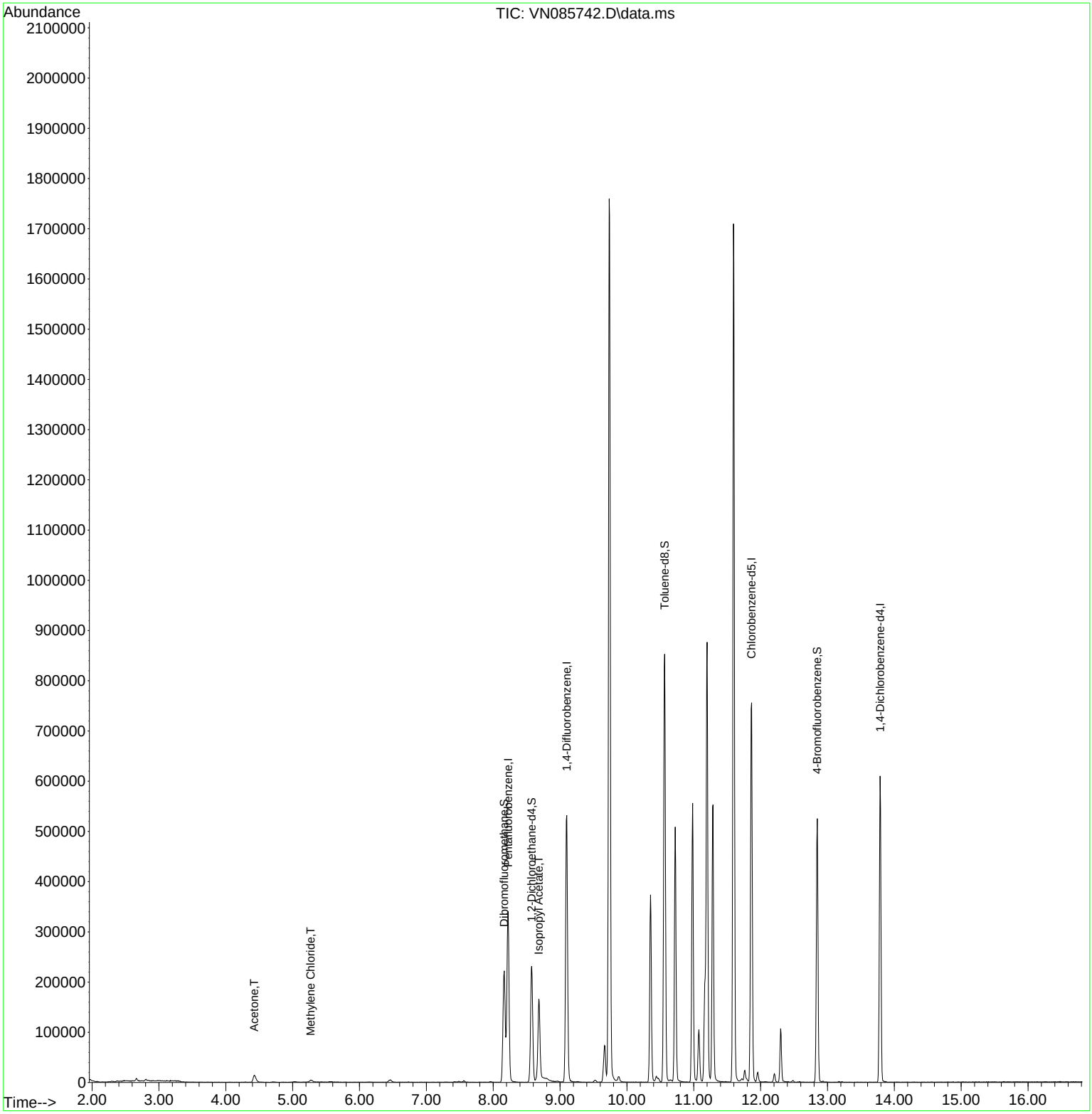
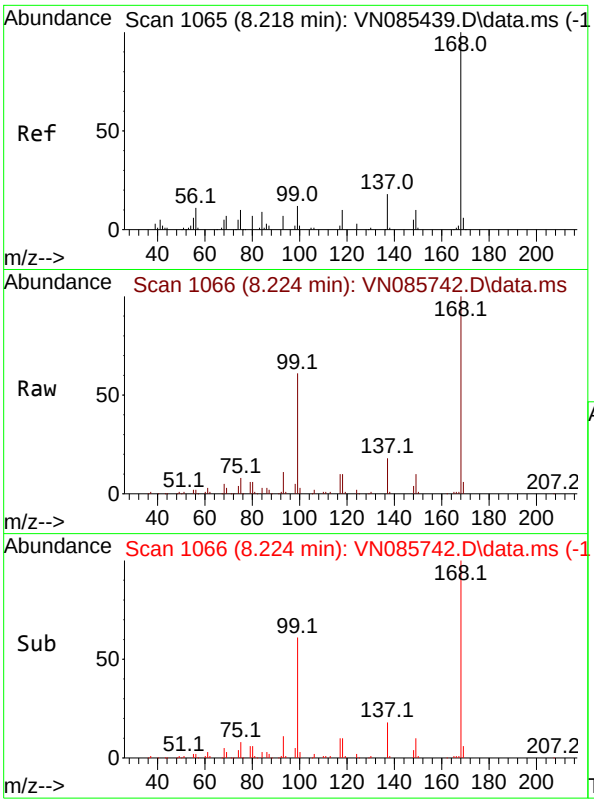


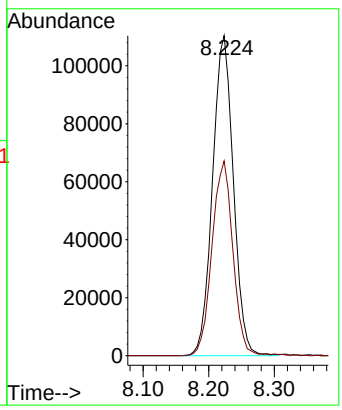


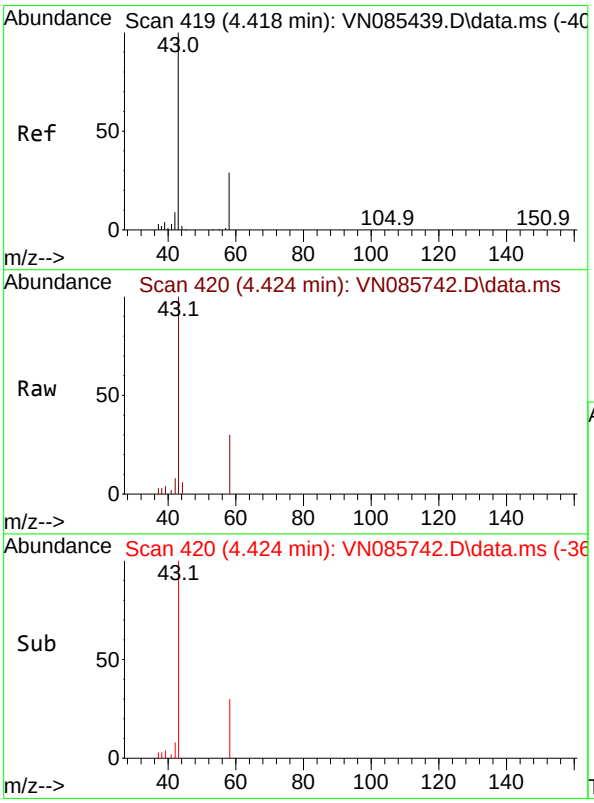
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085742.D
Acq: 11 Feb 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#02

Tgt Ion:168 Resp: 243135

Ion	Ratio	Lower	Upper
168	100		
99	60.8	53.6	80.4

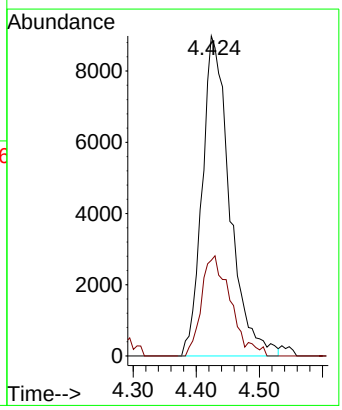


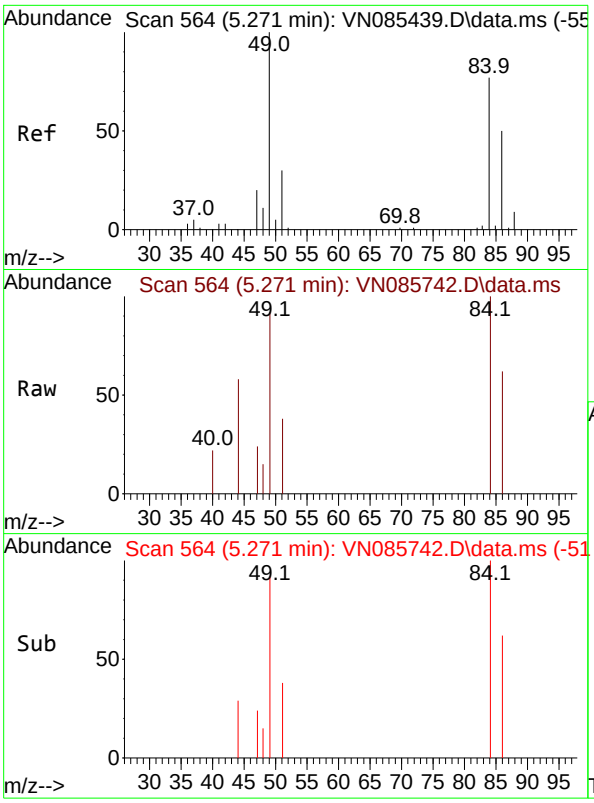


#16
Acetone
Concen: 21.483 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085742.D
Acq: 11 Feb 2025 14:03

Tgt Ion: 43 Resp: 27243

Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.8	35.6



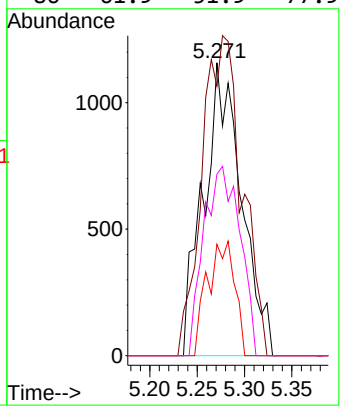


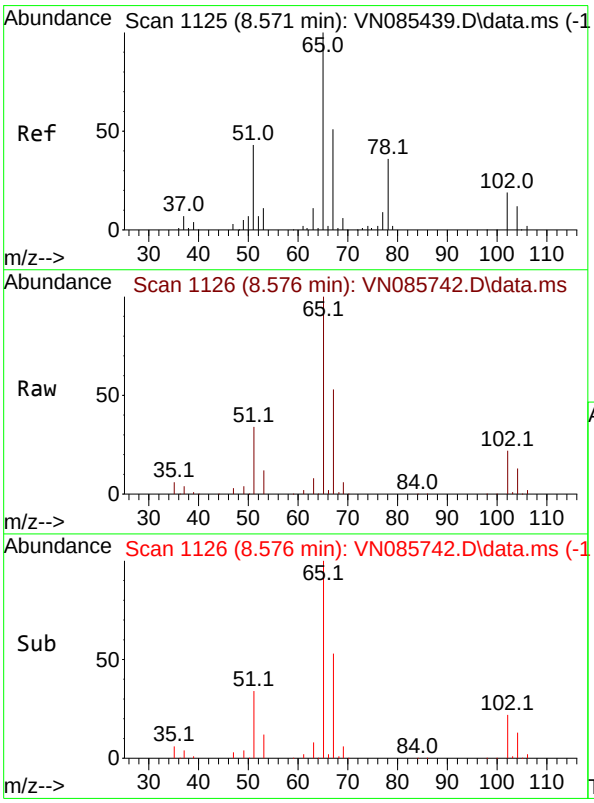
#20
Methylene Chloride
Concen: 1.029 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN085742.D
Acq: 11 Feb 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#02

Tgt Ion: 84 Resp: 3229

Ion	Ratio	Lower	Upper
84	100		
49	92.0	104.1	156.1#
51	38.0	31.0	46.4
86	61.9	51.9	77.9

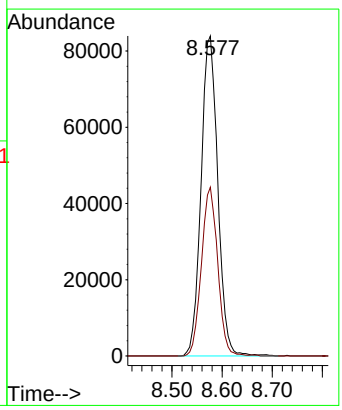


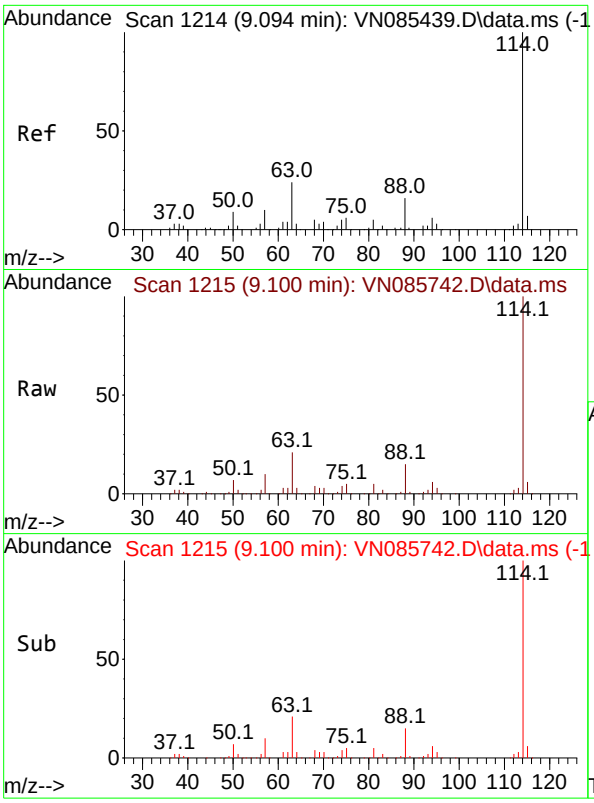


#33
1,2-Dichloroethane-d4
Concen: 49.498 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085742.D
Acq: 11 Feb 2025 14:03

Tgt Ion: 65 Resp: 194263

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.6



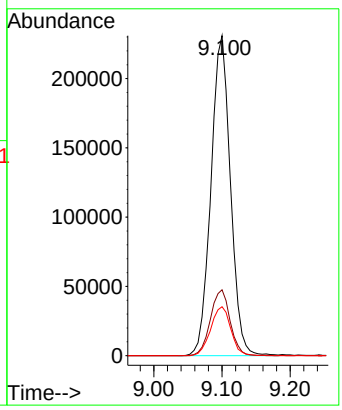


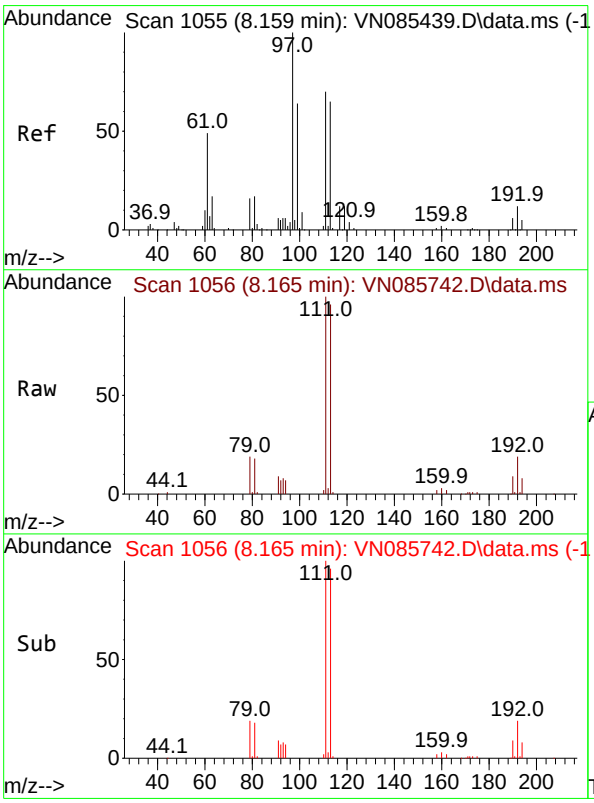
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085742.D
Acq: 11 Feb 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#02

Tgt Ion:114 Resp: 460328

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	47.6
88	15.3	0.0	32.6

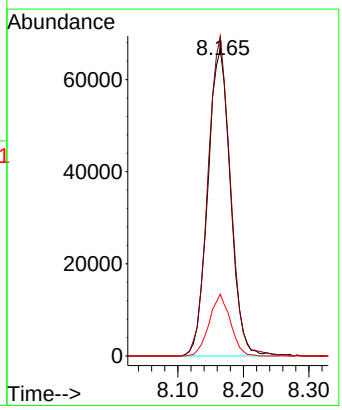


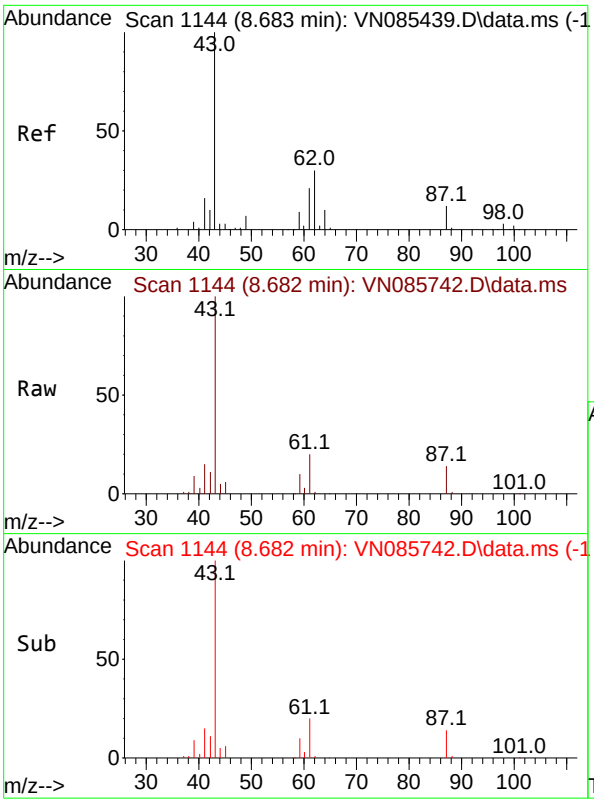


#35
Dibromofluoromethane
Concen: 50.012 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085742.D
Acq: 11 Feb 2025 14:03

Tgt Ion:113 Resp: 159715

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	18.8	14.3	21.5



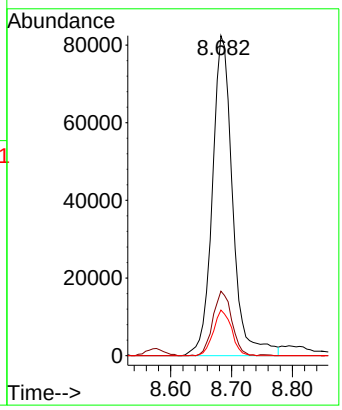


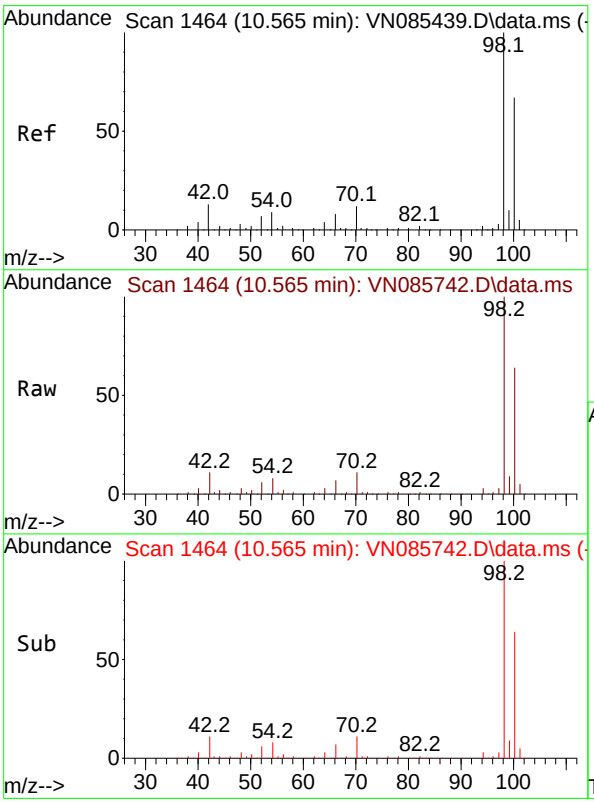
#43
Isopropyl Acetate
Concen: 26.319 ug/l
RT: 8.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085742.D
Acq: 11 Feb 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#02

Tgt Ion: 43 Resp: 190788

Ion	Ratio	Lower	Upper
43	100		
61	18.7	20.7	31.1#
87	12.8	9.8	14.8

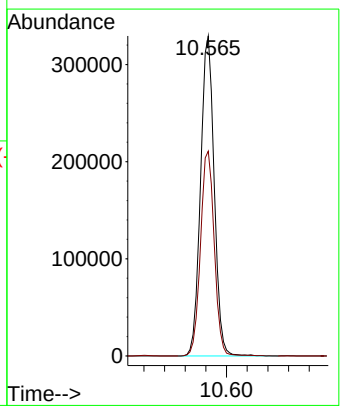


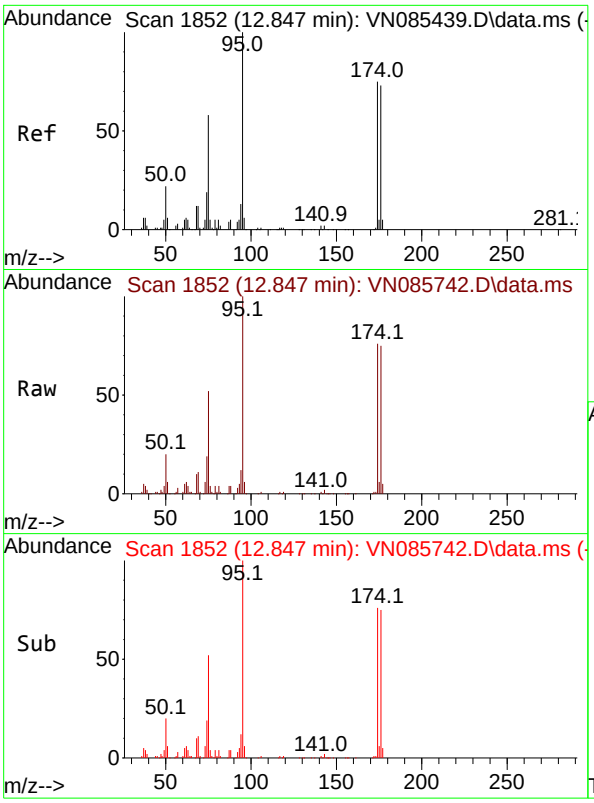


#50
Toluene-d8
Concen: 53.155 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085742.D
Acq: 11 Feb 2025 14:03

Tgt Ion: 98 Resp: 603133

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.4



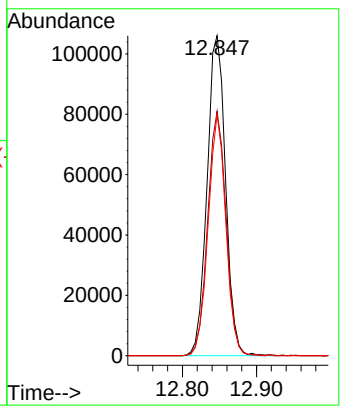


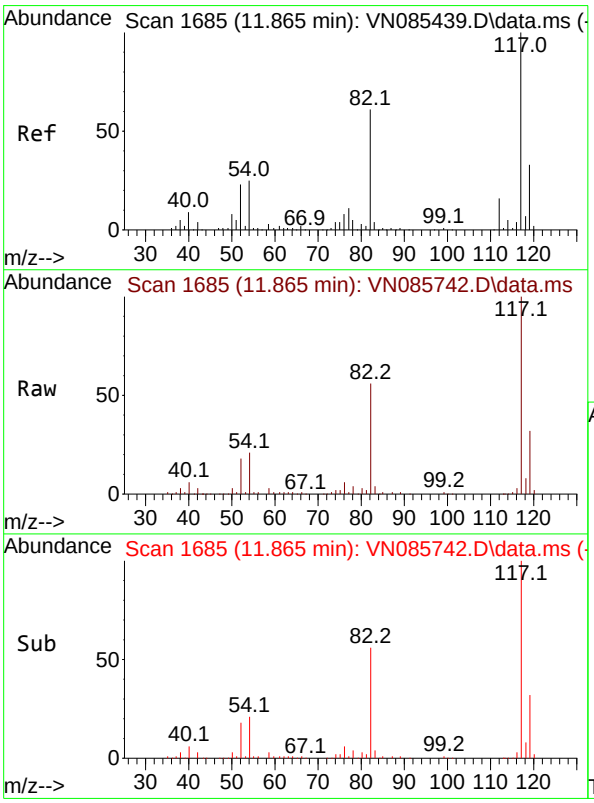
#62
4-Bromofluorobenzene
Concen: 47.332 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085742.D
Acq: 11 Feb 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#02

Tgt Ion: 95 Resp: 183713

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	145.0
176	72.1	0.0	142.4

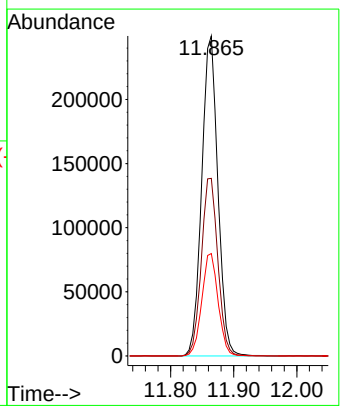


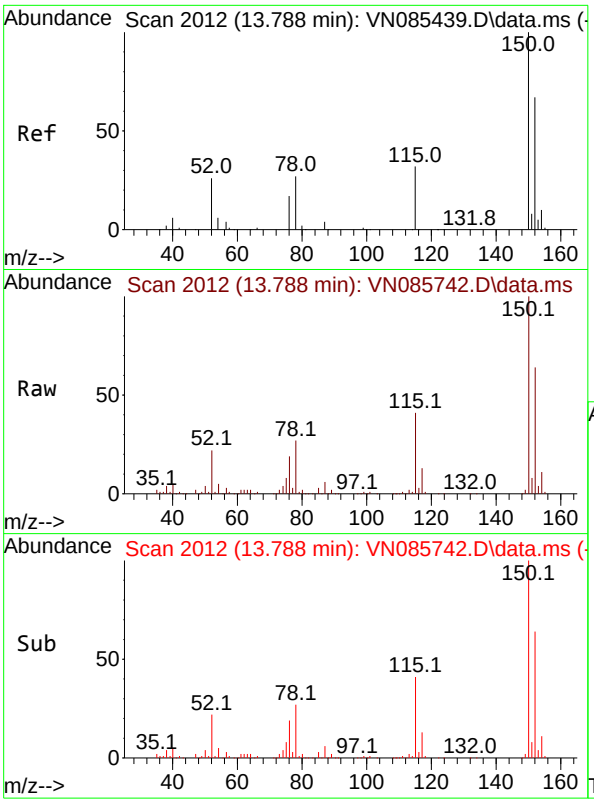


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085742.D
Acq: 11 Feb 2025 14:03

Tgt Ion:117 Resp: 443264

Ion	Ratio	Lower	Upper
117	100		
82	55.5	48.6	72.8
119	32.0	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: VN085742.D
Acq: 11 Feb 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#02

Tgt Ion:152 Resp: 163281

Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.1	93.3
150	157.2	0.0	343.6