Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
Data File : VN085680.D
Acq On : 05 Feb 2025 16:23
Operator : JC\MD
Sample : PB166529ZHE#09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#09

Quant Time: Feb 06 00:43:14 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	186120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	377541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	343093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153794	51.190	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.380%			
35) Dibromofluoromethane	8.165	113	126941	48.465	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.940%			
50) Toluene-d8	10.565	98	482338	51.831	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.660%			
62) 4-Bromofluorobenzene	12.847	95	133768	42.021	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 84.040%			
Target Compounds						Qvalue
16) Acetone	4.436	43	26735	27.541	ug/l	94
20) Methylene Chloride	5.271	84	3113	1.295	ug/l #	73
43) Isopropyl Acetate	8.682	43	181209	30.479	ug/l #	86

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

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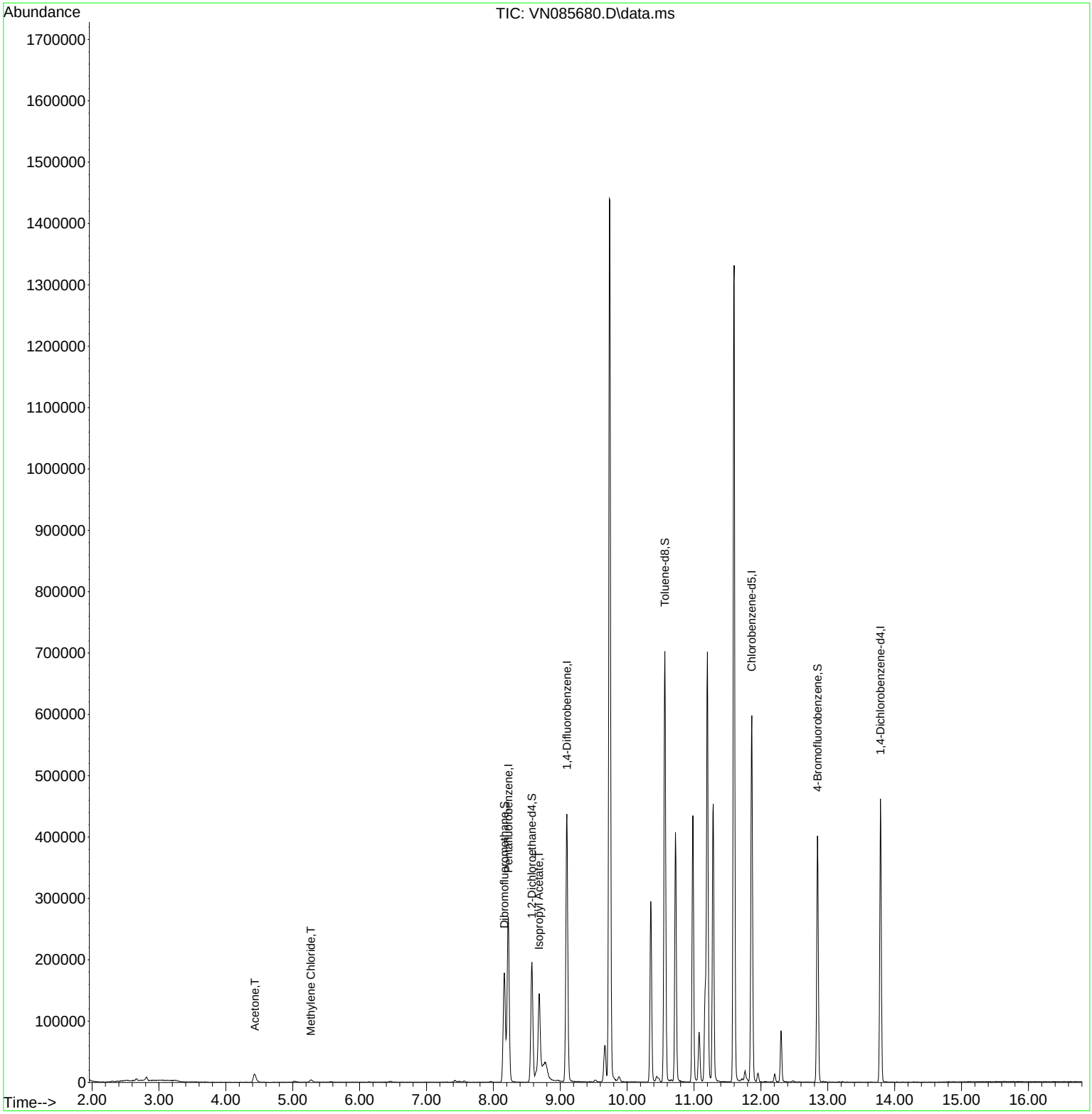
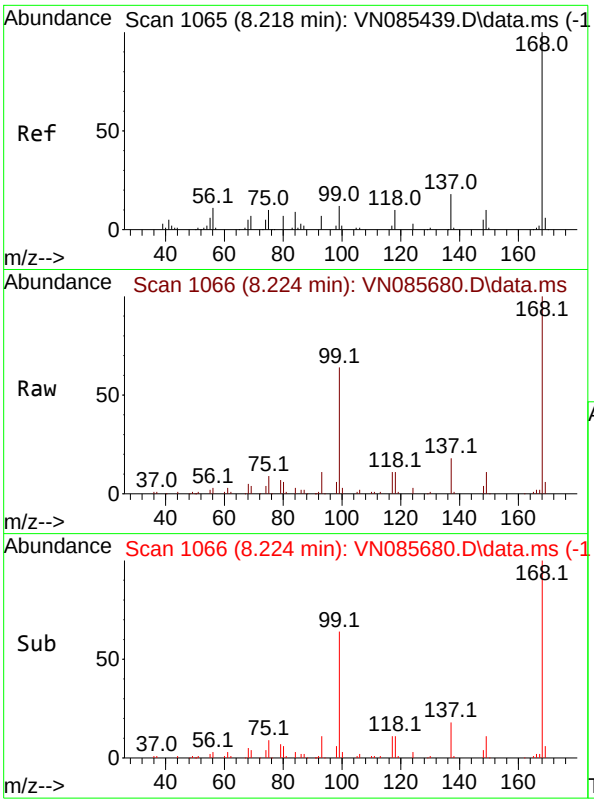


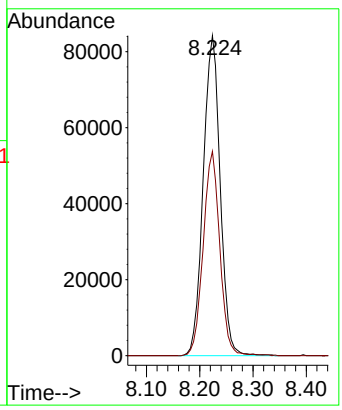


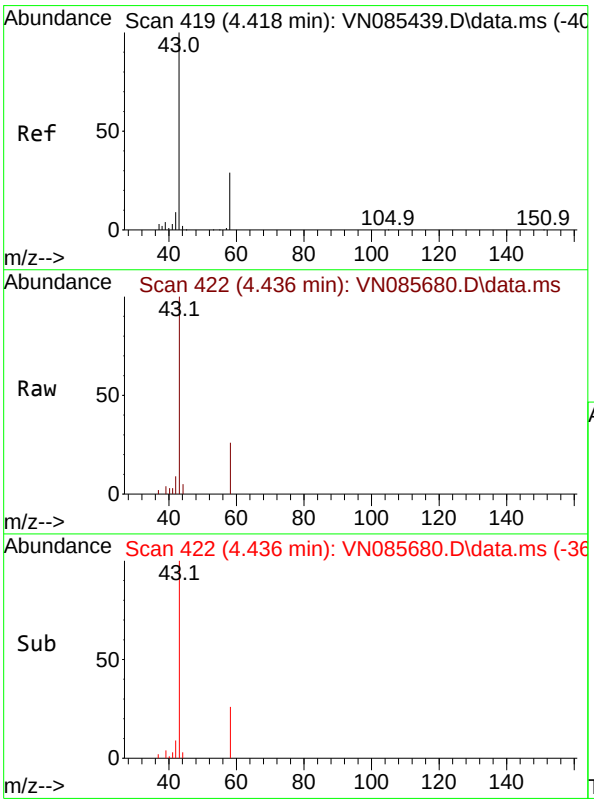
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085680.D
Acq: 05 Feb 2025 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#09

Tgt Ion:168 Resp: 186120

Ion	Ratio	Lower	Upper
168	100		
99	63.9	53.6	80.4

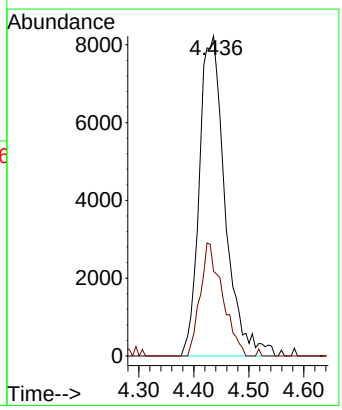


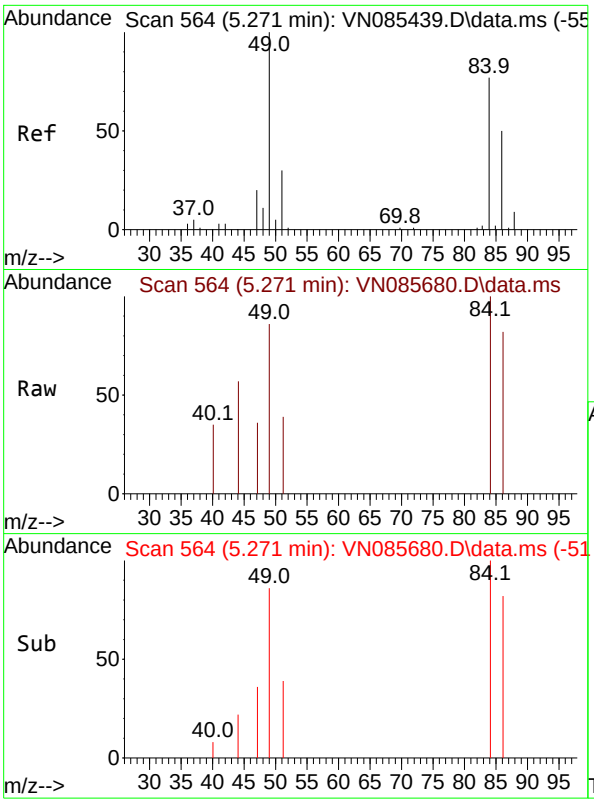


#16
Acetone
Concen: 27.541 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085680.D
Acq: 05 Feb 2025 16:23

Tgt Ion: 43 Resp: 26735

Ion	Ratio	Lower	Upper
43	100		
58	26.5	23.8	35.6



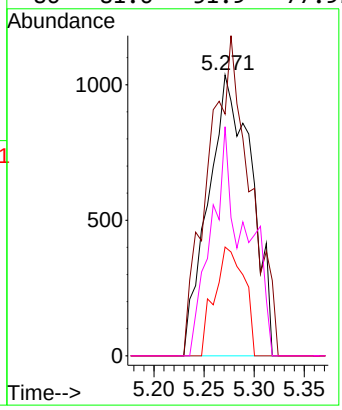


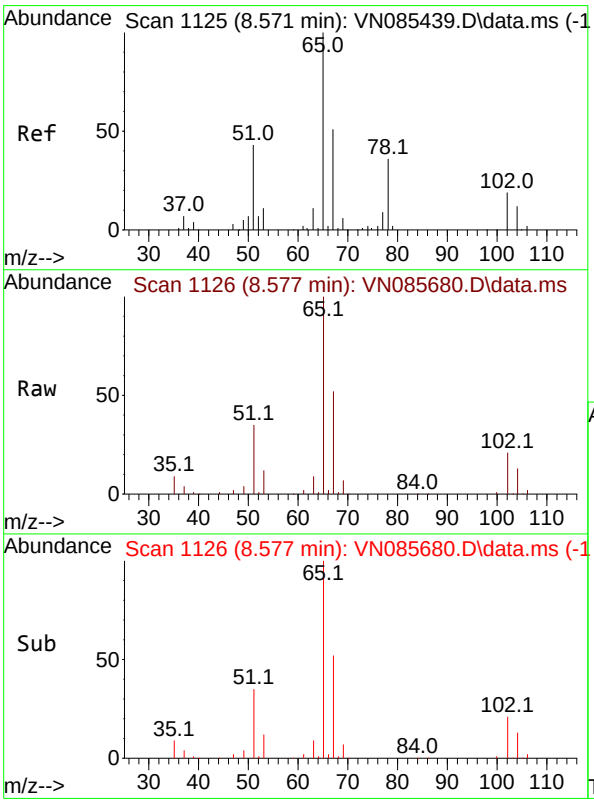
#20
Methylene Chloride
Concen: 1.295 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN085680.D
Acq: 05 Feb 2025 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#09

Tgt Ion: 84 Resp: 3113

Ion	Ratio	Lower	Upper
84	100		
49	86.1	104.1	156.1#
51	38.7	31.0	46.4
86	81.6	51.9	77.9#

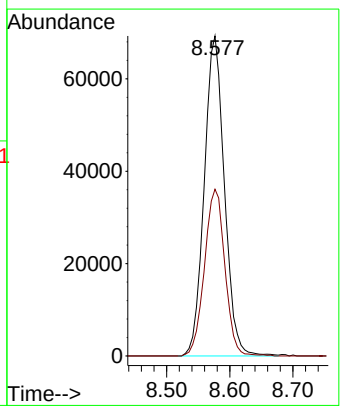


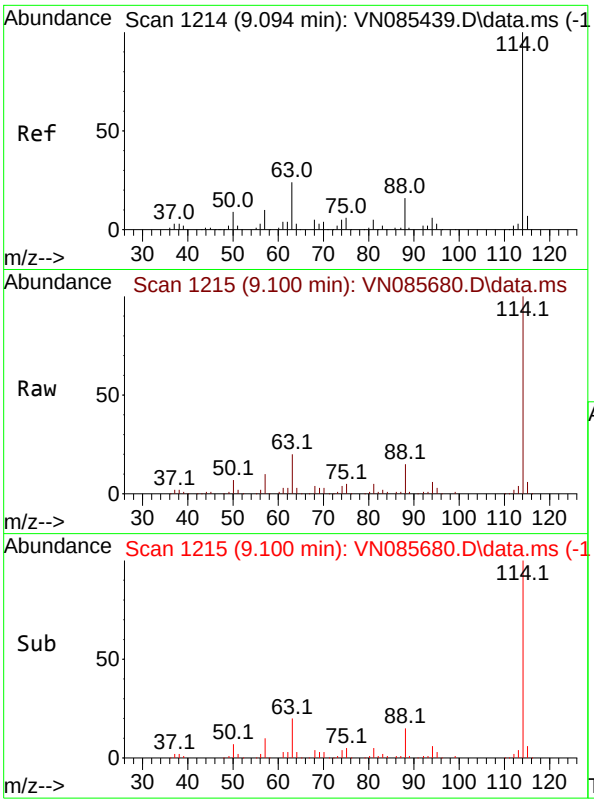


#33
1,2-Dichloroethane-d4
Concen: 51.190 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085680.D
Acq: 05 Feb 2025 16:23

Tgt Ion: 65 Resp: 153794

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	101.6



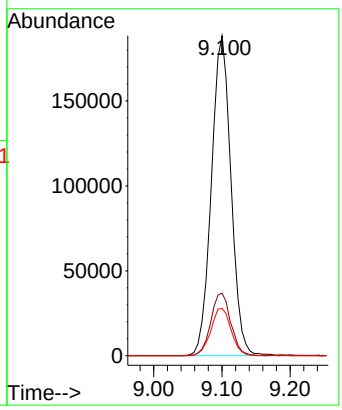


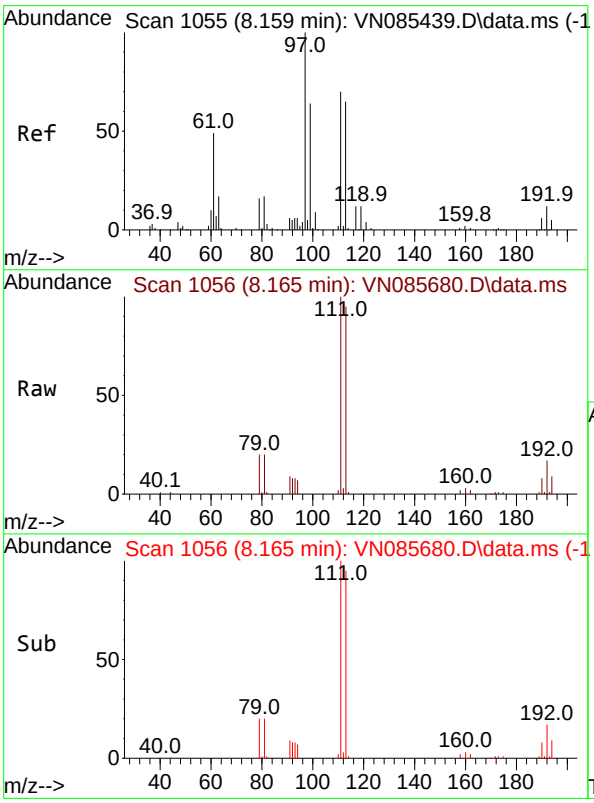
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085680.D
Acq: 05 Feb 2025 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#09

Tgt Ion:114 Resp: 377541

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	47.6
88	14.7	0.0	32.6

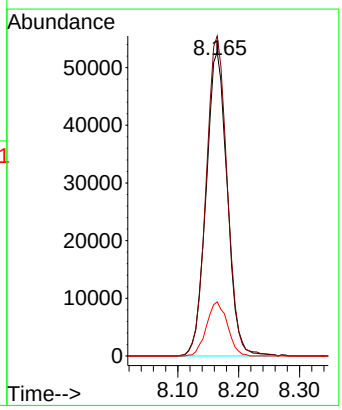


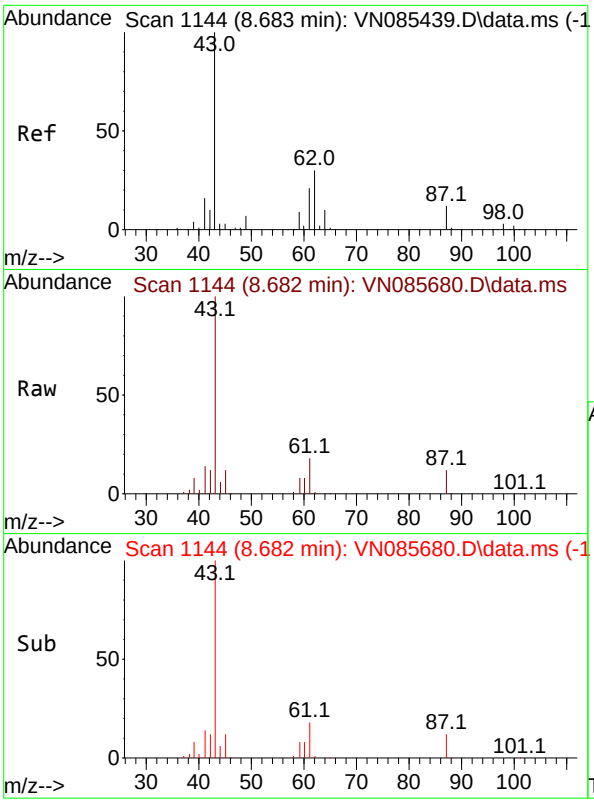


#35
Dibromofluoromethane
Concen: 48.465 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085680.D
Acq: 05 Feb 2025 16:23

Tgt Ion:113 Resp: 126941

Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.7	124.1
192	17.6	14.3	21.5



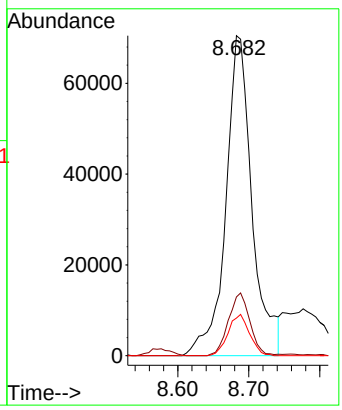


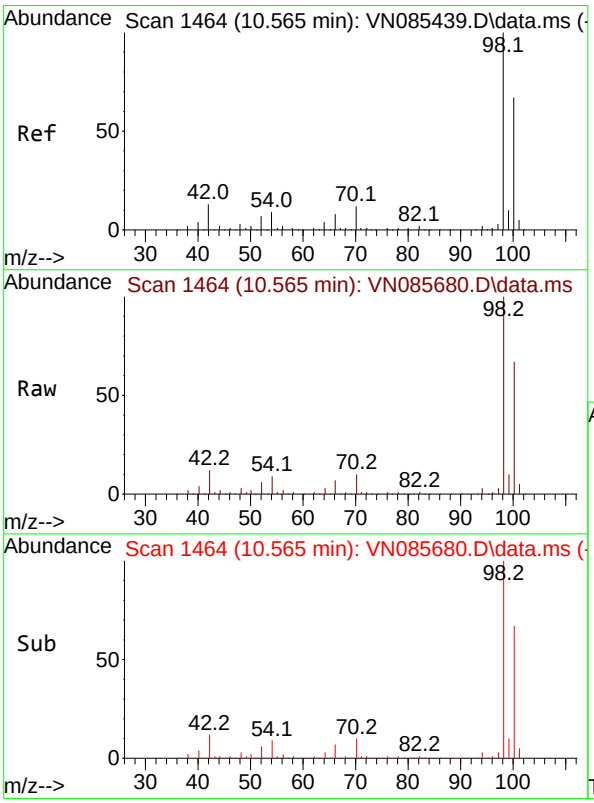
#43
Isopropyl Acetate
Concen: 30.479 ug/l
RT: 8.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085680.D
Acq: 05 Feb 2025 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#09

Tgt Ion: 43 Resp: 181209

Ion	Ratio	Lower	Upper
43	100		
61	16.1	20.7	31.1#
87	10.5	9.8	14.8

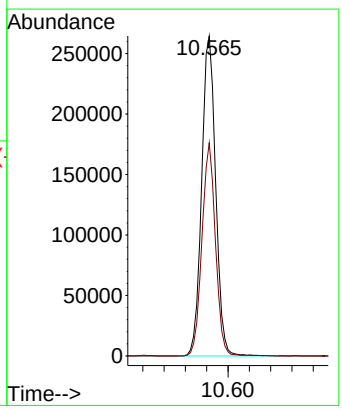


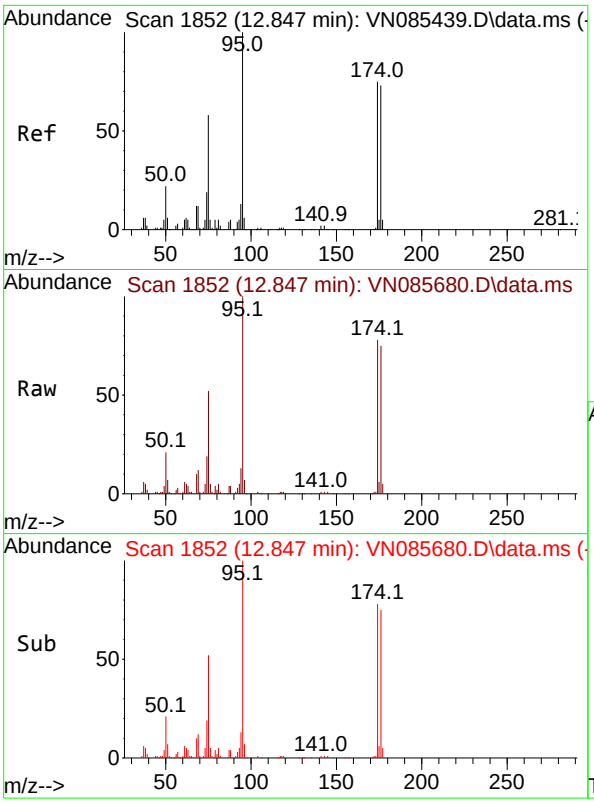


#50
Toluene-d8
Concen: 51.831 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085680.D
Acq: 05 Feb 2025 16:23

Tgt Ion: 98 Resp: 482338

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.4



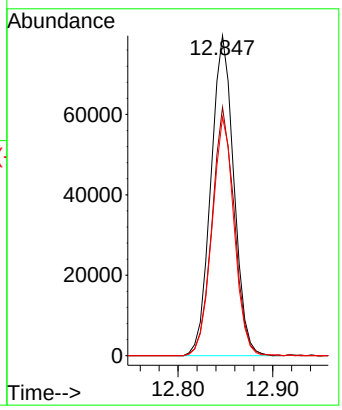


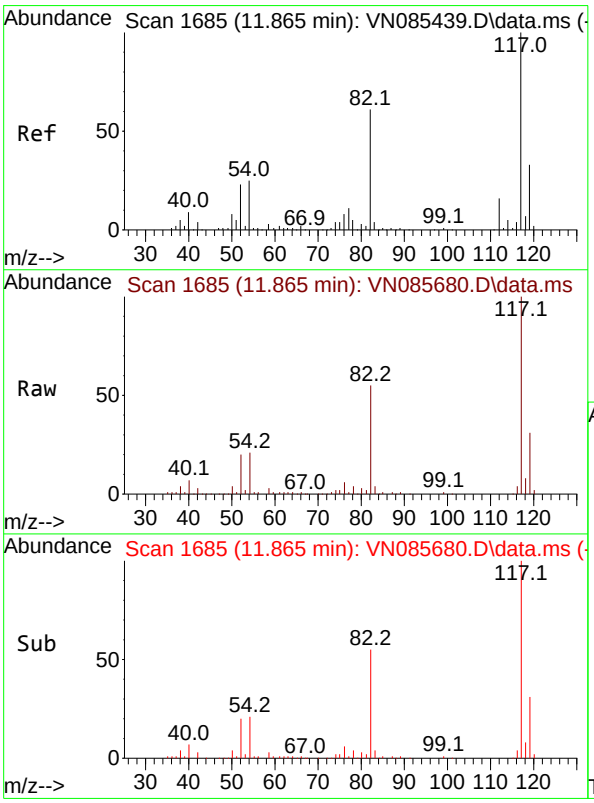
#62
4-Bromofluorobenzene
Concen: 42.021 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085680.D
Acq: 05 Feb 2025 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#09

Tgt Ion: 95 Resp: 133768

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	145.0
176	72.0	0.0	142.4

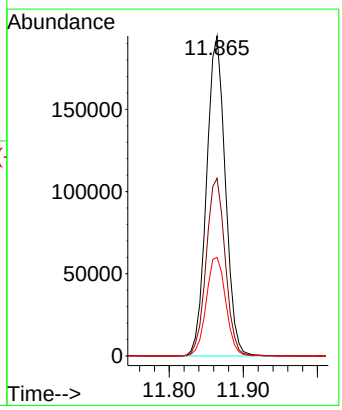


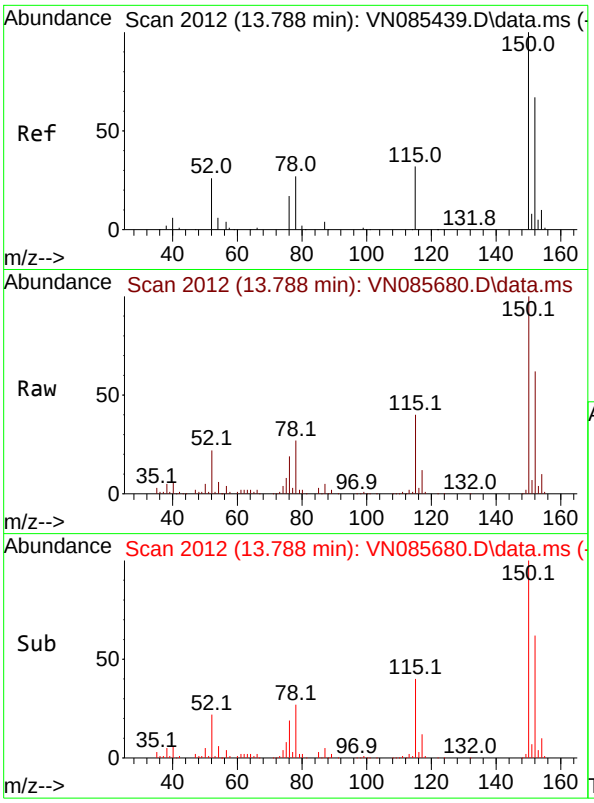


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085680.D
Acq: 05 Feb 2025 16:23

Tgt Ion:117 Resp: 343093

Ion	Ratio	Lower	Upper
117	100		
82	55.5	48.6	72.8
119	30.8	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: VN085680.D
Acq: 05 Feb 2025 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#09

Tgt Ion:152 Resp: 119145

Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.1	93.3
150	159.2	0.0	343.6