Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
Data File : VN085678.D
Acq On : 05 Feb 2025 15:35
Operator : JC\MD
Sample : PB166529ZHE#07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#07

Quant Time: Feb 06 00:42:21 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	187268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	375643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	349588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	151701	50.184	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.360%			
35) Dibromofluoromethane	8.159	113	127145	48.789	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.580%			
50) Toluene-d8	10.565	98	486253	52.516	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.040%			
62) 4-Bromofluorobenzene	12.847	95	142347	44.942	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.880%			
Target Compounds						Qvalue
16) Acetone	4.430	43	34592	35.416	ug/l	92
20) Methylene Chloride	5.277	84	3394	1.404	ug/l #	86
43) Isopropyl Acetate	8.688	43	175876	29.732	ug/l #	87

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

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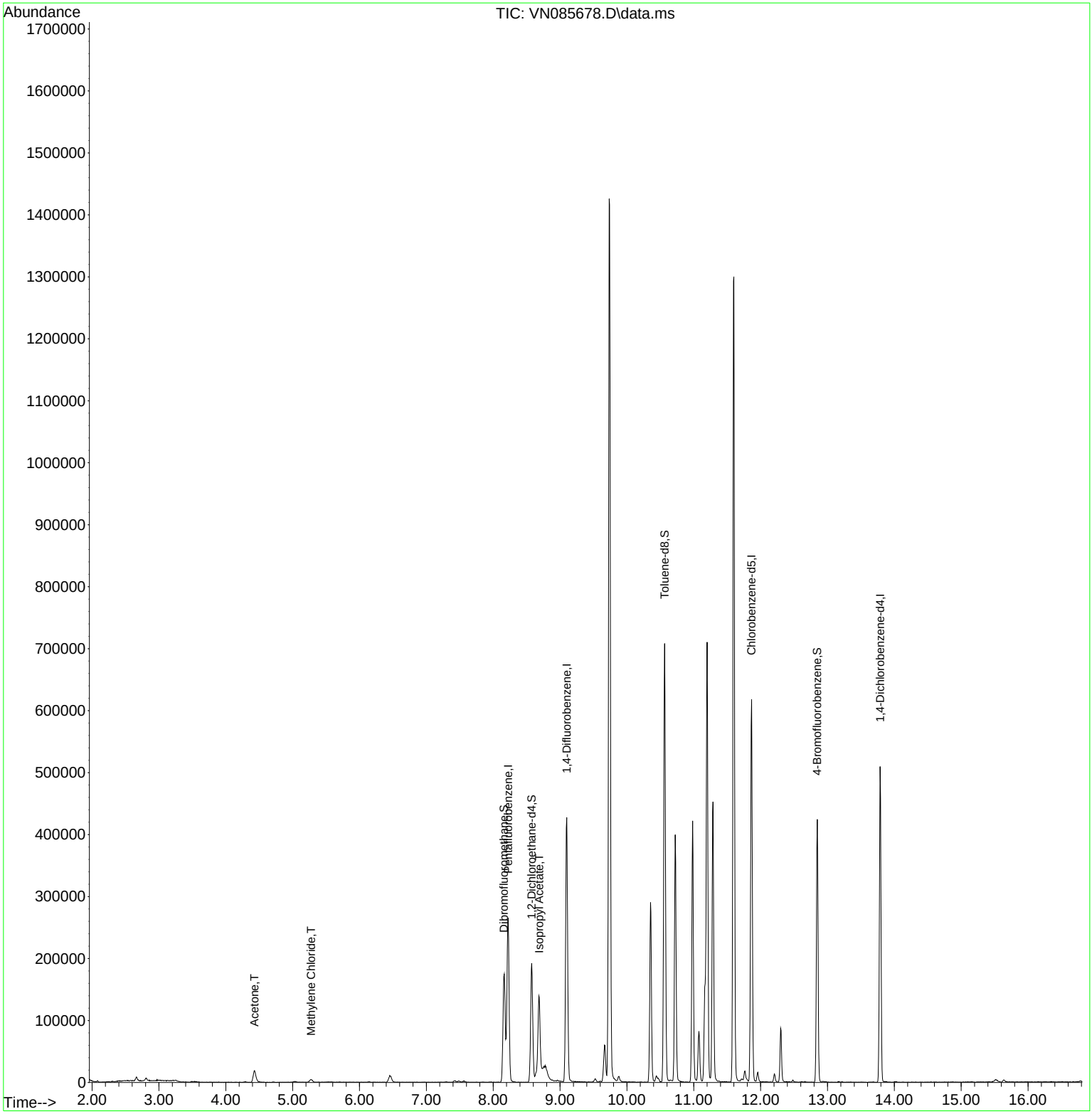
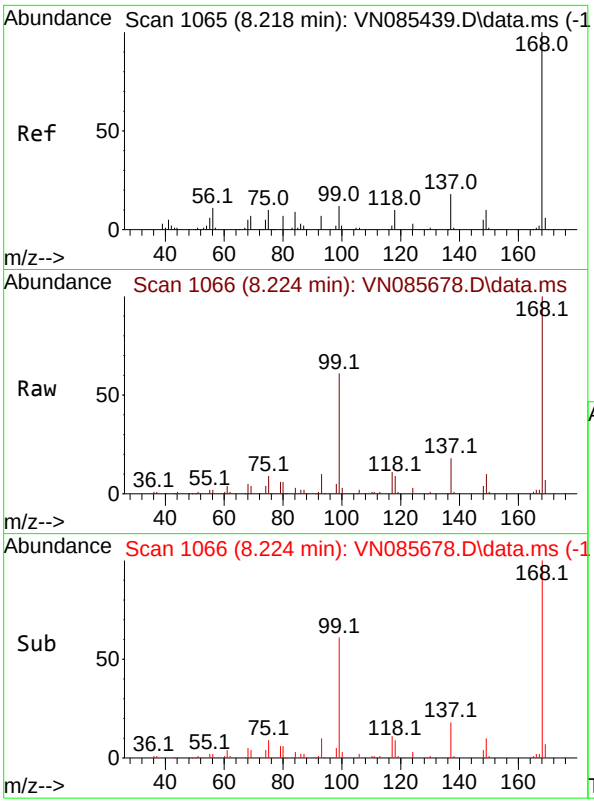


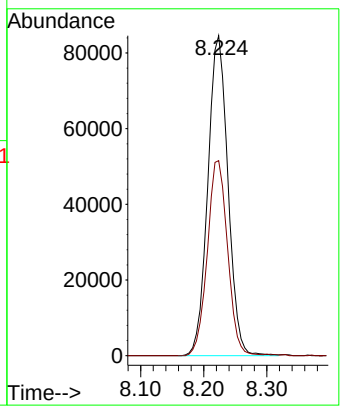


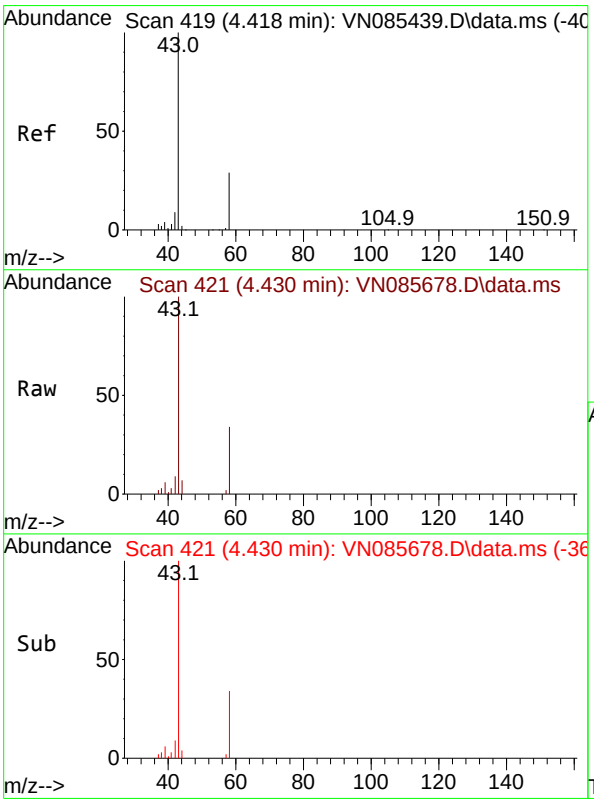
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085678.D
Acq: 05 Feb 2025 15:35

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#07

Tgt Ion:168 Resp: 187268

Ion	Ratio	Lower	Upper
168	100		
99	61.0	53.6	80.4

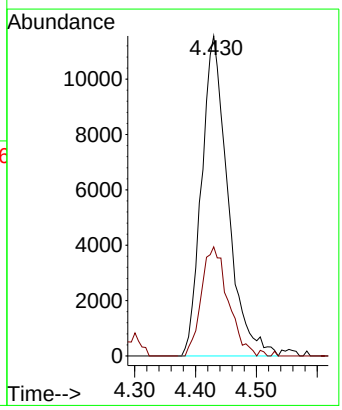


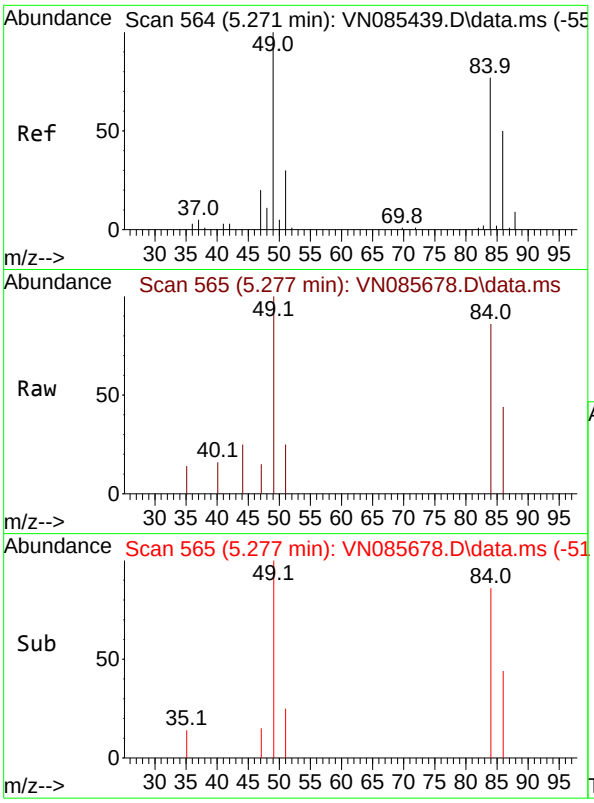


#16
Acetone
Concen: 35.416 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085678.D
Acq: 05 Feb 2025 15:35

Tgt Ion: 43 Resp: 34592

Ion	Ratio	Lower	Upper
43	100		
58	34.1	23.8	35.6



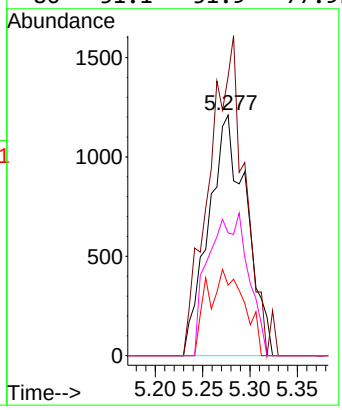


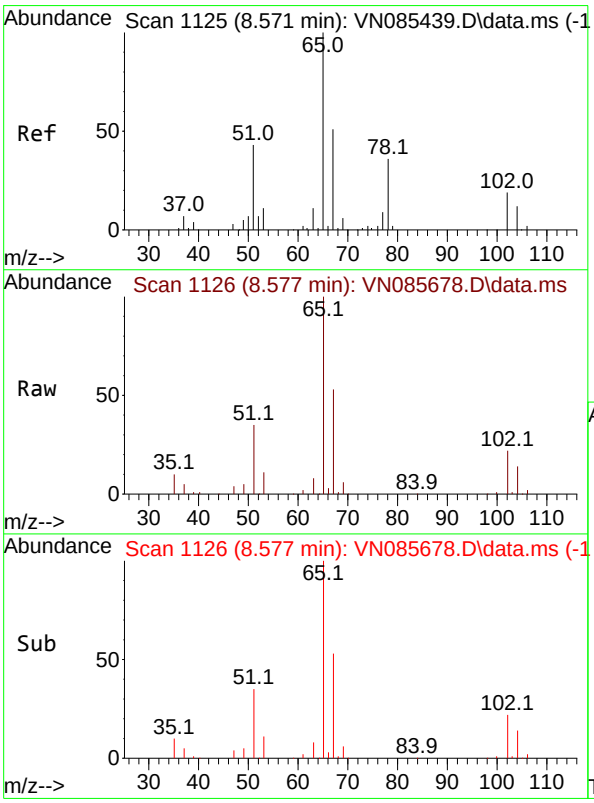
#20
Methylene Chloride
Concen: 1.404 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN085678.D
Acq: 05 Feb 2025 15:35

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#07

Tgt Ion: 84 Resp: 3394

Ion	Ratio	Lower	Upper
84	100		
49	116.1	104.1	156.1
51	29.3	31.0	46.4#
86	51.1	51.9	77.9#

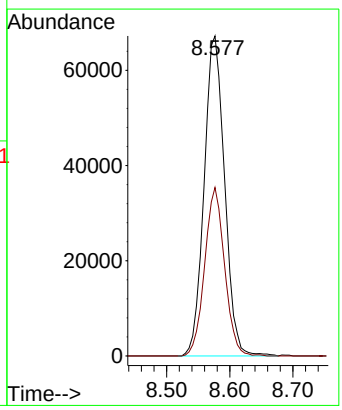


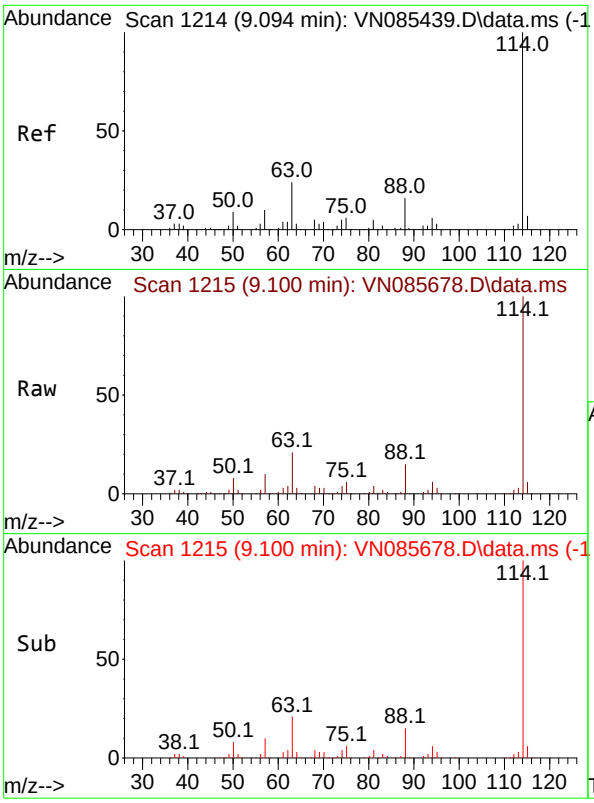


#33
1,2-Dichloroethane-d4
Concen: 50.184 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085678.D
Acq: 05 Feb 2025 15:35

Tgt Ion: 65 Resp: 151701

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	101.6



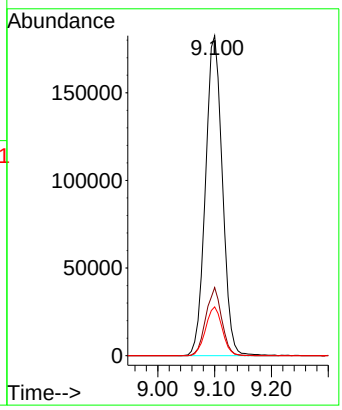


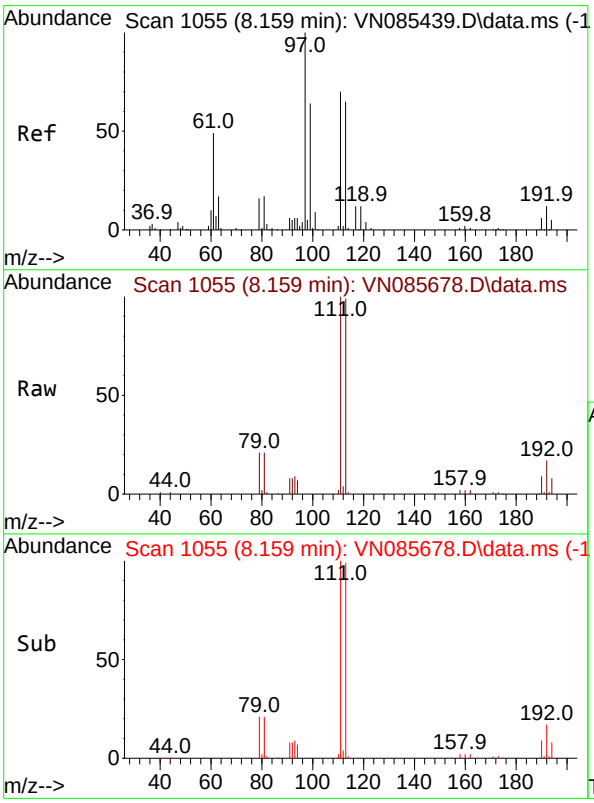
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085678.D
Acq: 05 Feb 2025 15:35

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#07

Tgt Ion:114 Resp: 375643

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	47.6
88	15.3	0.0	32.6

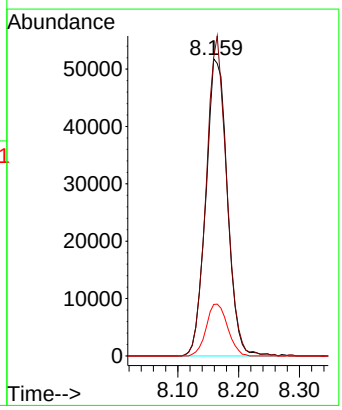


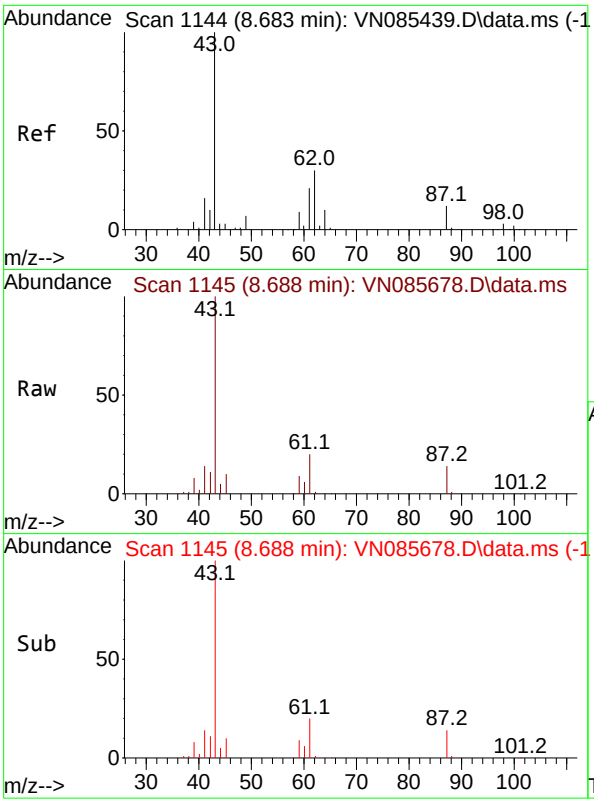


#35
Dibromofluoromethane
Concen: 48.789 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085678.D
Acq: 05 Feb 2025 15:35

Tgt Ion:113 Resp: 127145

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.7	124.1
192	17.3	14.3	21.5



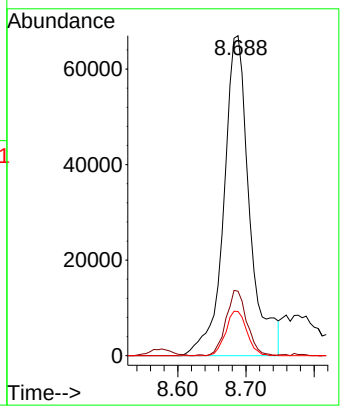


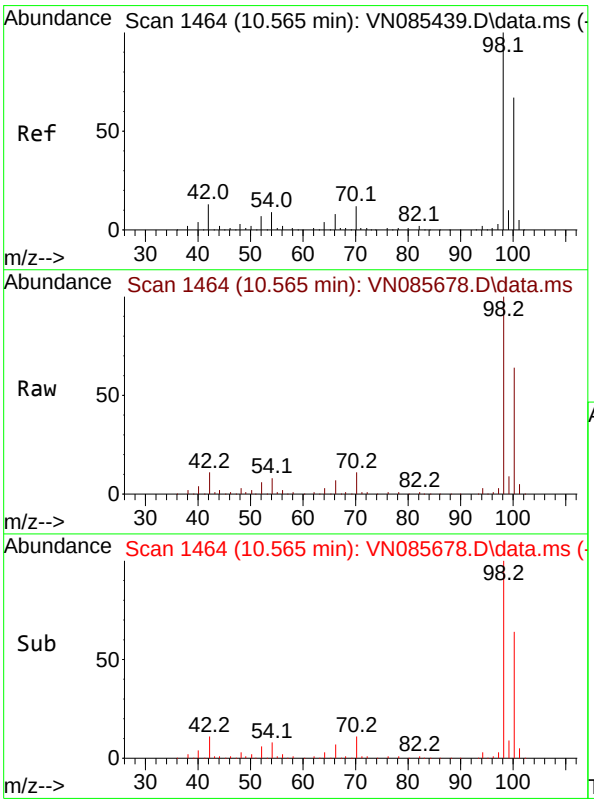
#43
Isopropyl Acetate
Concen: 29.732 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085678.D
Acq: 05 Feb 2025 15:35

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#07

Tgt Ion: 43 Resp: 175876

Ion	Ratio	Lower	Upper
43	100		
61	16.5	20.7	31.1#
87	11.4	9.8	14.8

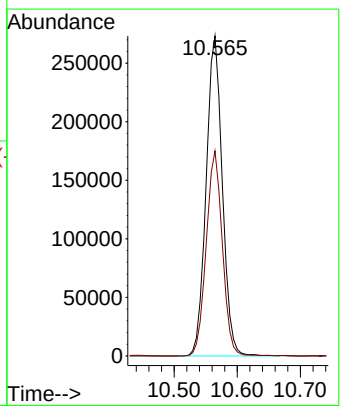


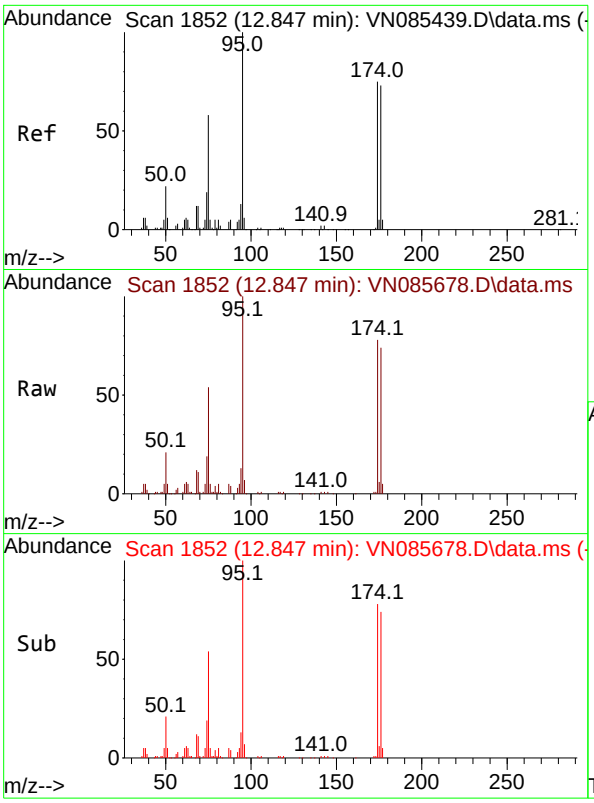


#50
Toluene-d8
Concen: 52.516 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085678.D
Acq: 05 Feb 2025 15:35

Tgt Ion: 98 Resp: 486253

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.4



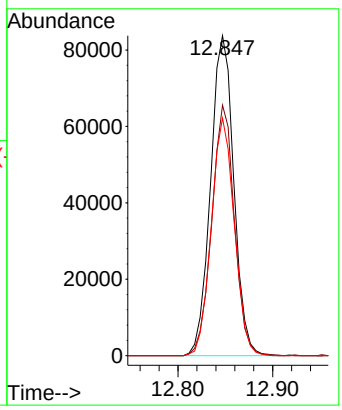


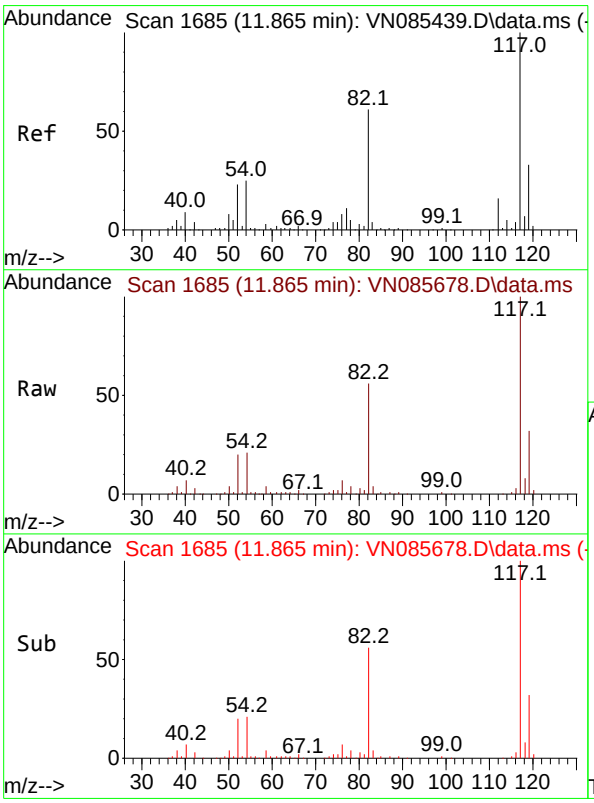
#62
4-Bromofluorobenzene
Concen: 44.942 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085678.D
Acq: 05 Feb 2025 15:35

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#07

Tgt Ion: 95 Resp: 142347

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	145.0
176	73.6	0.0	142.4

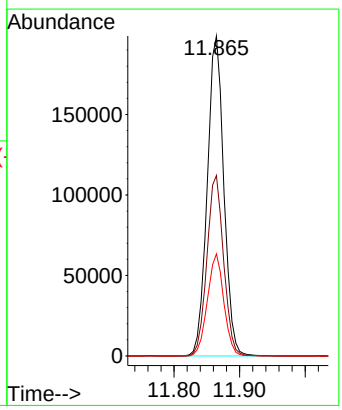


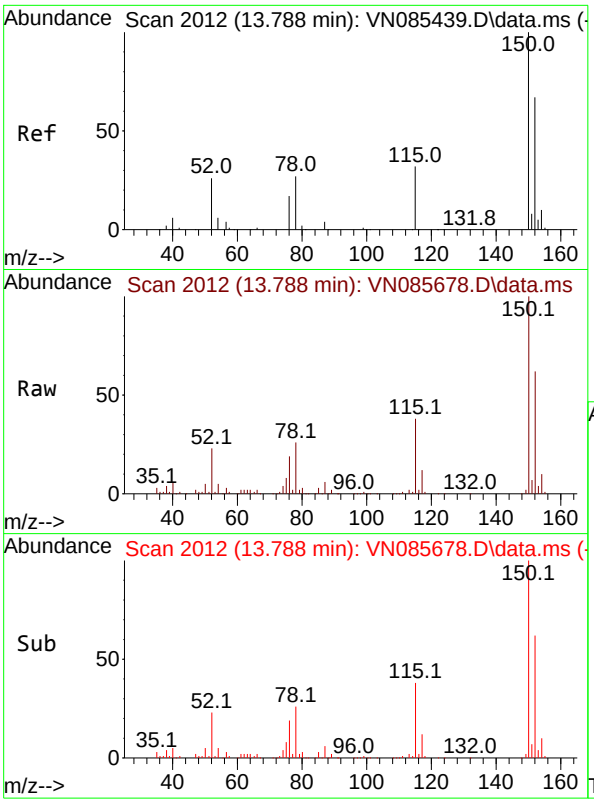


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085678.D
Acq: 05 Feb 2025 15:35

Tgt Ion:117 Resp: 349588

Ion	Ratio	Lower	Upper
117	100		
82	56.4	48.6	72.8
119	31.9	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: VN085678.D
Acq: 05 Feb 2025 15:35

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#07

Tgt Ion:152 Resp: 132779

Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.1	93.3
150	158.4	0.0	343.6