Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
Data File : VN085748.D
Acq On : 11 Feb 2025 16:26
Operator : JC\MD
Sample : PB166652ZHE#08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#08

Quant Time: Feb 11 23:21:30 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	8.223	168	239171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	485720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	447778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	197230	51.086	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.180%			
35) Dibromofluoromethane	8.159	113	163512	48.524	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.040%			
50) Toluene-d8	10.565	98	618278	51.642	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.280%			
62) 4-Bromofluorobenzene	12.847	95	186120	45.445	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.900%			
Target Compounds						Qvalue
16) Acetone	4.430	43	39701	31.826	ug/l	96
20) Methylene Chloride	5.271	84	3663	1.186	ug/l #	84
43) Isopropyl Acetate	8.682	43	246179	32.185	ug/l #	84

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

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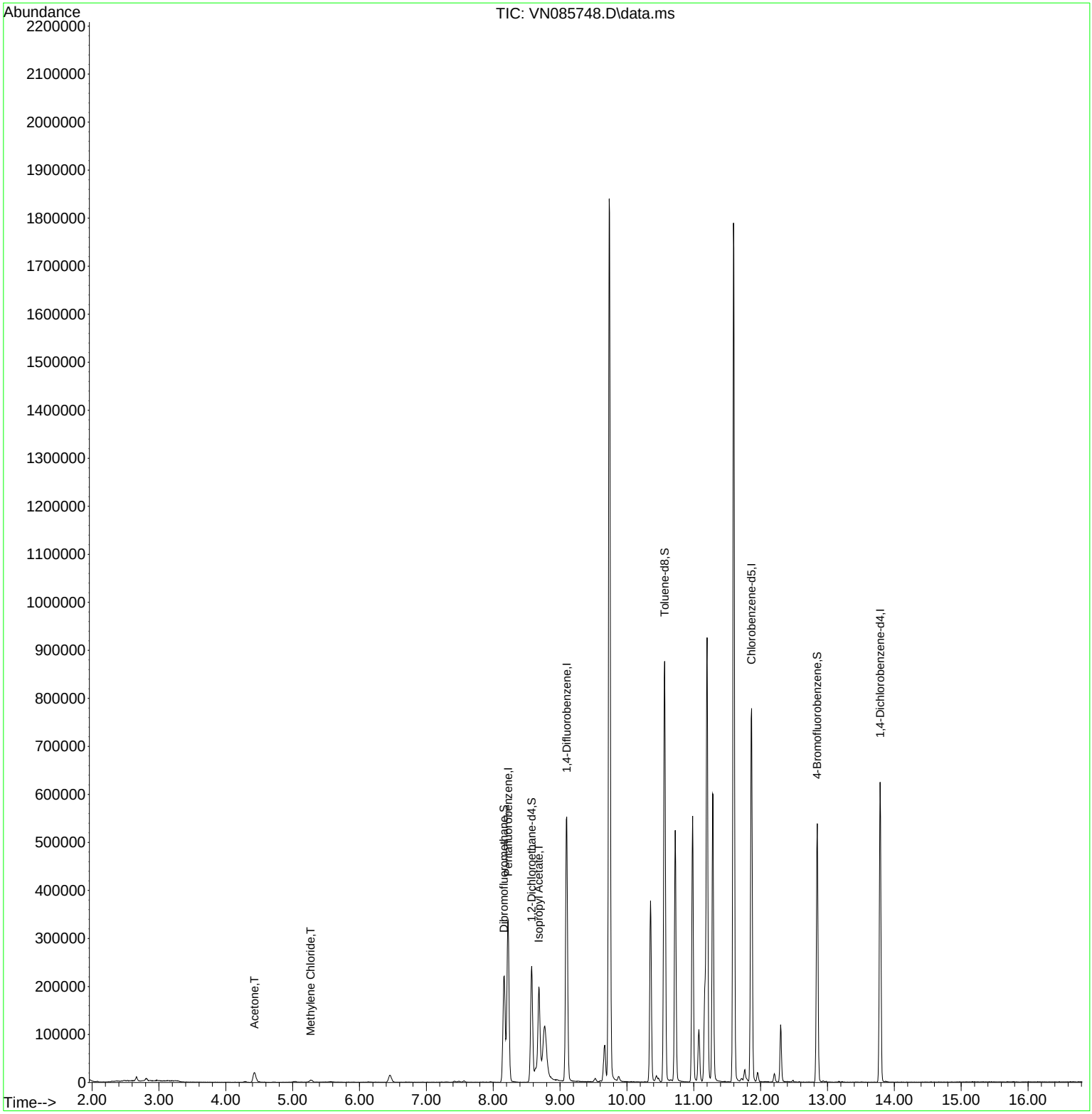
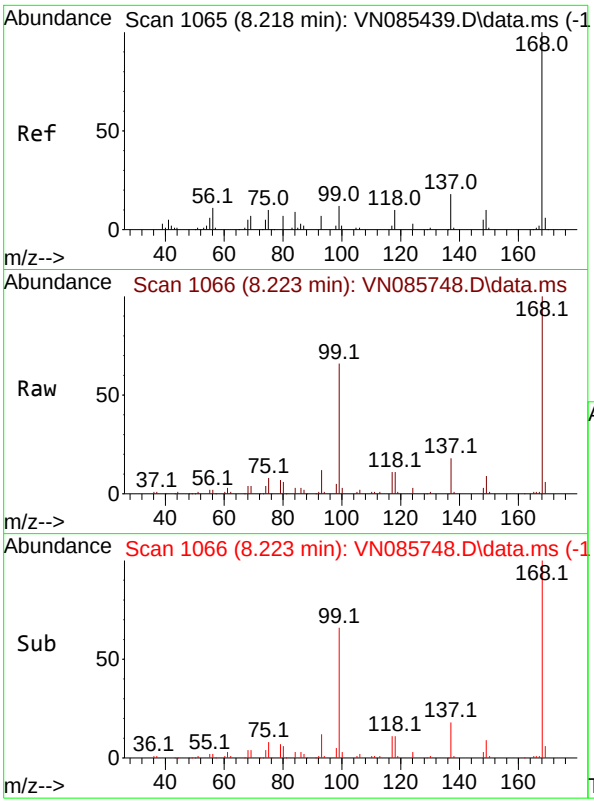


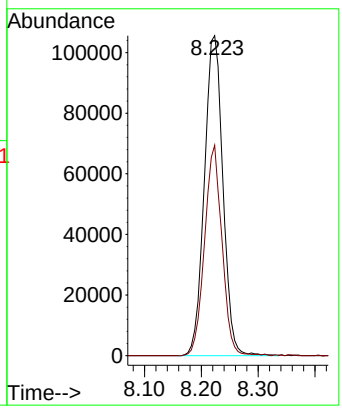


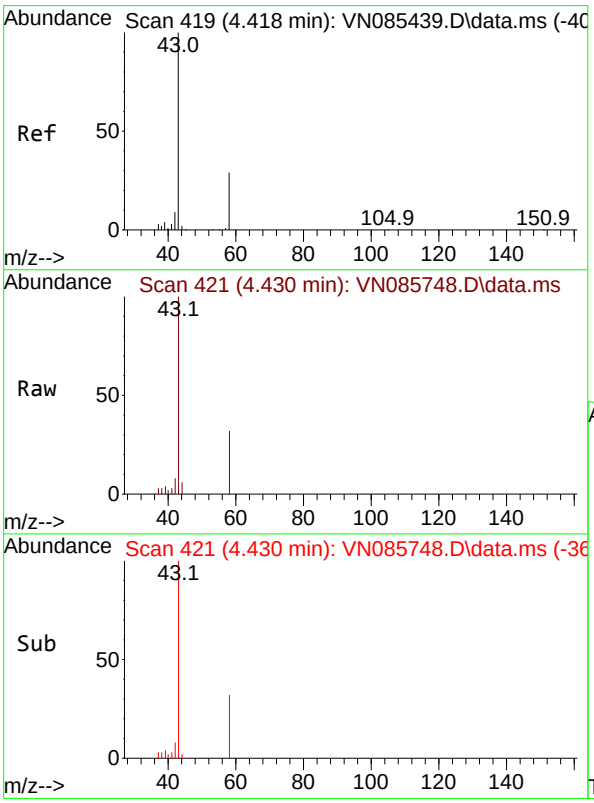
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN085748.D
Acq: 11 Feb 2025 16:26

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#08

Tgt Ion:168 Resp: 239171

Ion	Ratio	Lower	Upper
168	100		
99	65.8	53.6	80.4

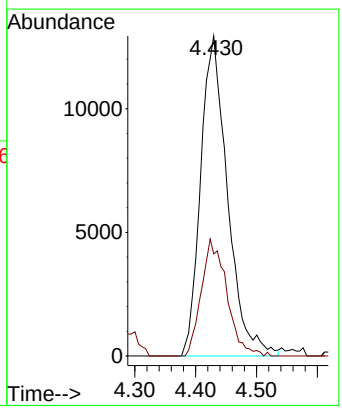


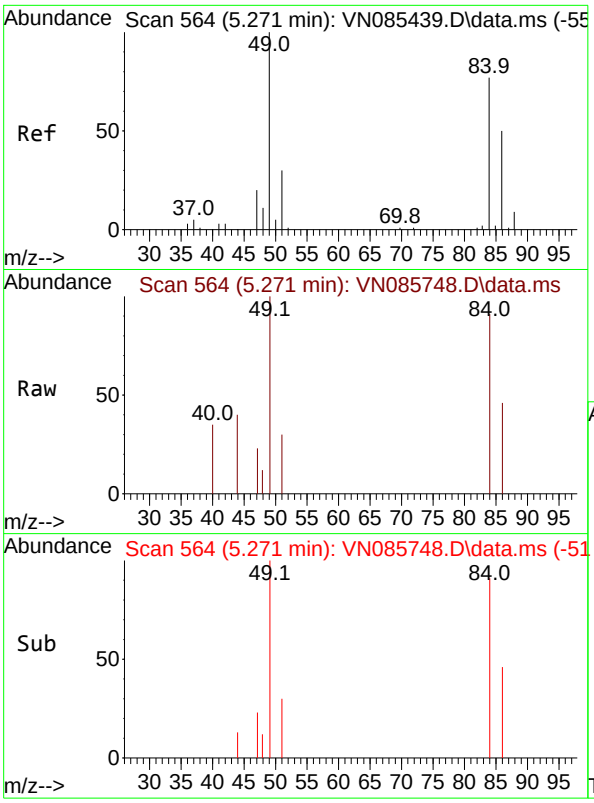


#16
Acetone
Concen: 31.826 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085748.D
Acq: 11 Feb 2025 16:26

Tgt Ion: 43 Resp: 39701

Ion	Ratio	Lower	Upper
43	100		
58	31.9	23.8	35.6



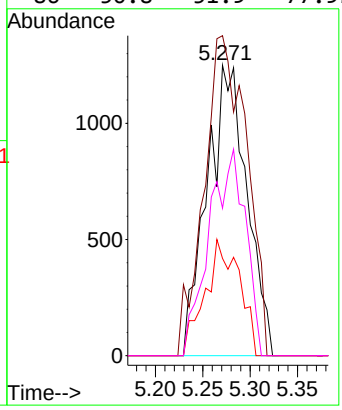


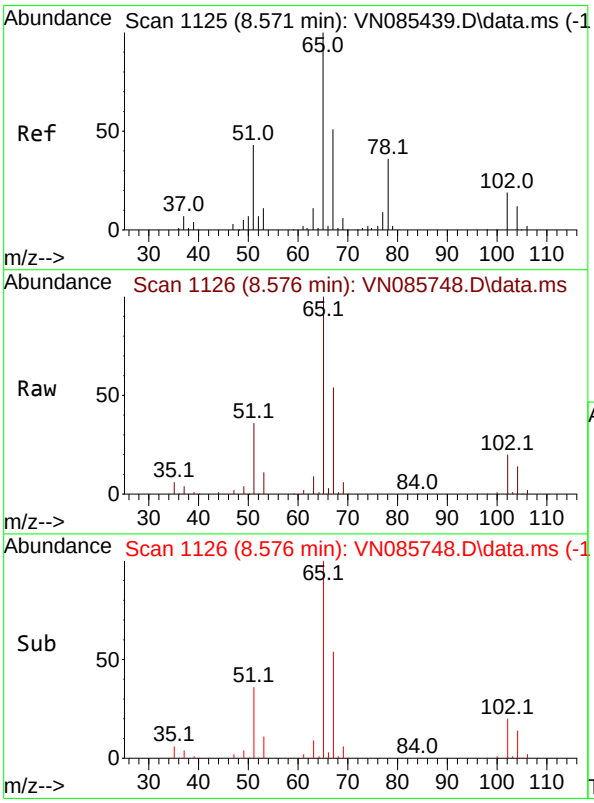
#20
Methylene Chloride
Concen: 1.186 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN085748.D
Acq: 11 Feb 2025 16:26

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#08

Tgt Ion: 84 Resp: 3663

Ion	Ratio	Lower	Upper
84	100		
49	110.2	104.1	156.1
51	33.5	31.0	46.4
86	50.8	51.9	77.9#

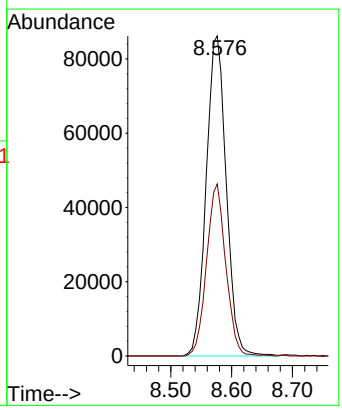


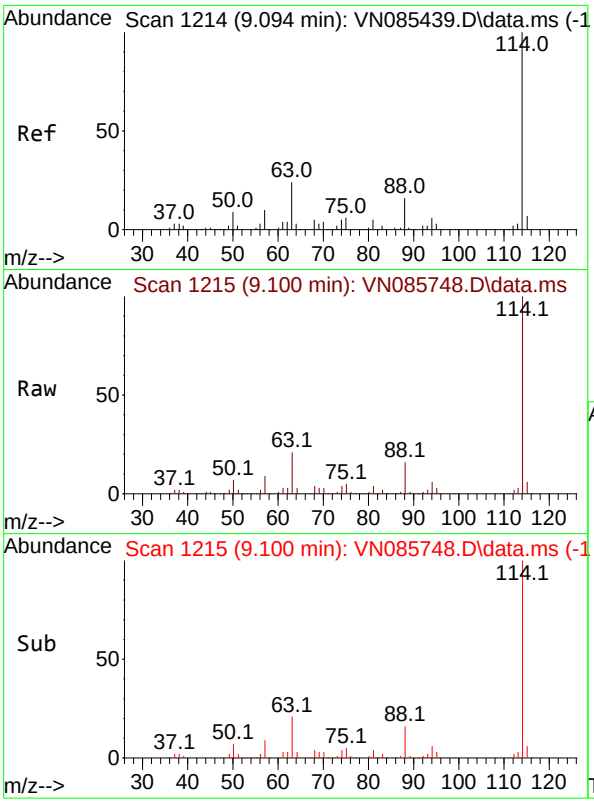


#33
1,2-Dichloroethane-d4
Concen: 51.086 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085748.D
Acq: 11 Feb 2025 16:26

Tgt Ion: 65 Resp: 197230

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.6



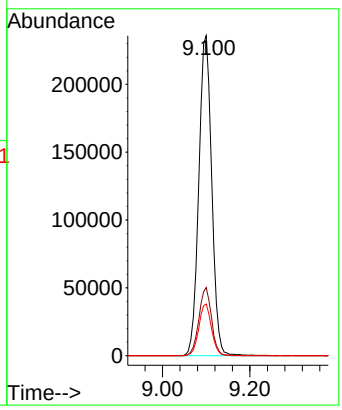


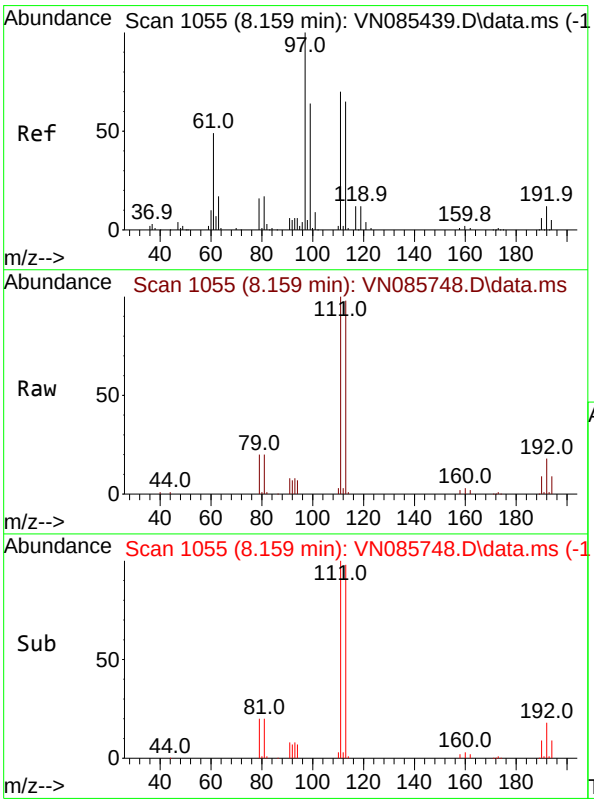
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085748.D
Acq: 11 Feb 2025 16:26

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#08

Tgt Ion:114 Resp: 485720

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	47.6
88	16.1	0.0	32.6

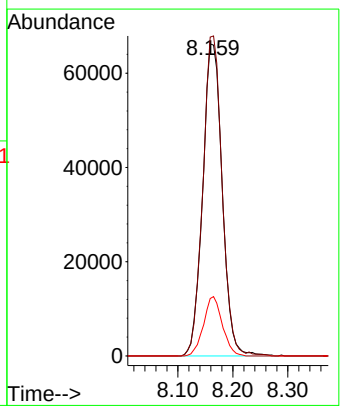


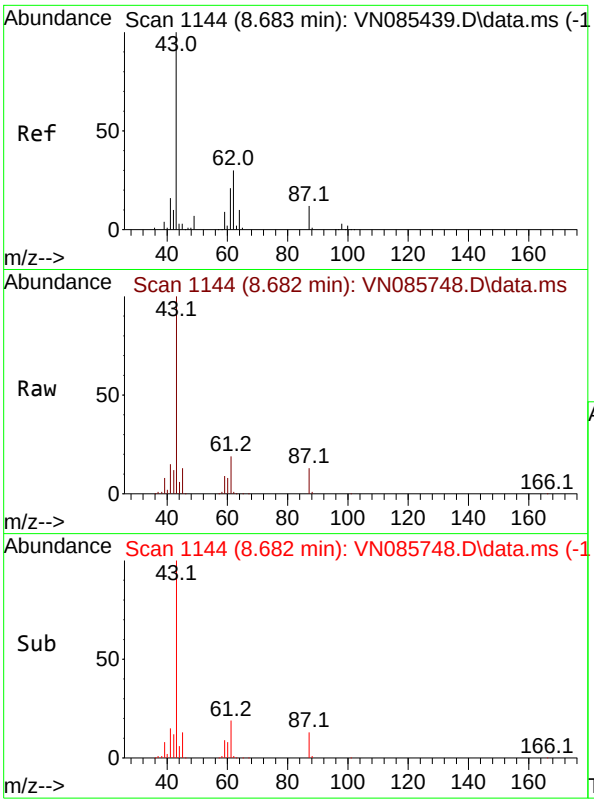


#35
Dibromofluoromethane
Concen: 48.524 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085748.D
Acq: 11 Feb 2025 16:26

Tgt Ion:113 Resp: 163512

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.7	124.1
192	18.3	14.3	21.5



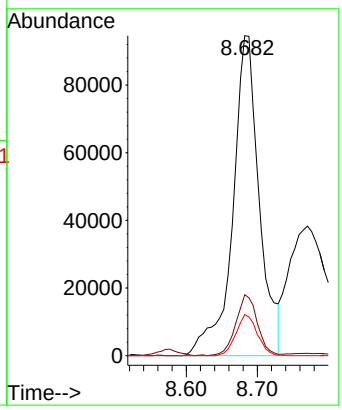


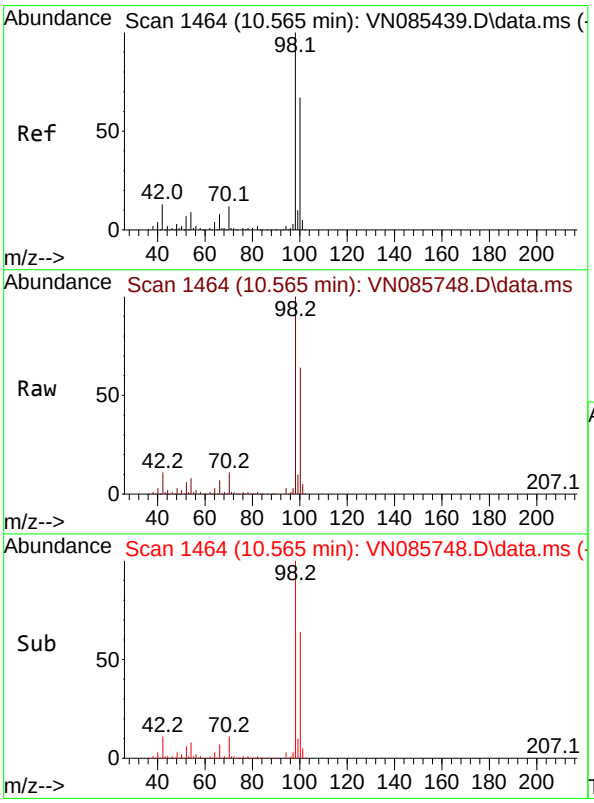
#43
Isopropyl Acetate
Concen: 32.185 ug/l
RT: 8.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085748.D
Acq: 11 Feb 2025 16:26

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#08

Tgt Ion: 43 Resp: 246179

Ion	Ratio	Lower	Upper
43	100		
61	15.5	20.7	31.1#
87	10.3	9.8	14.8

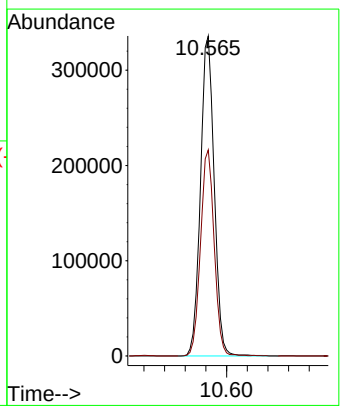


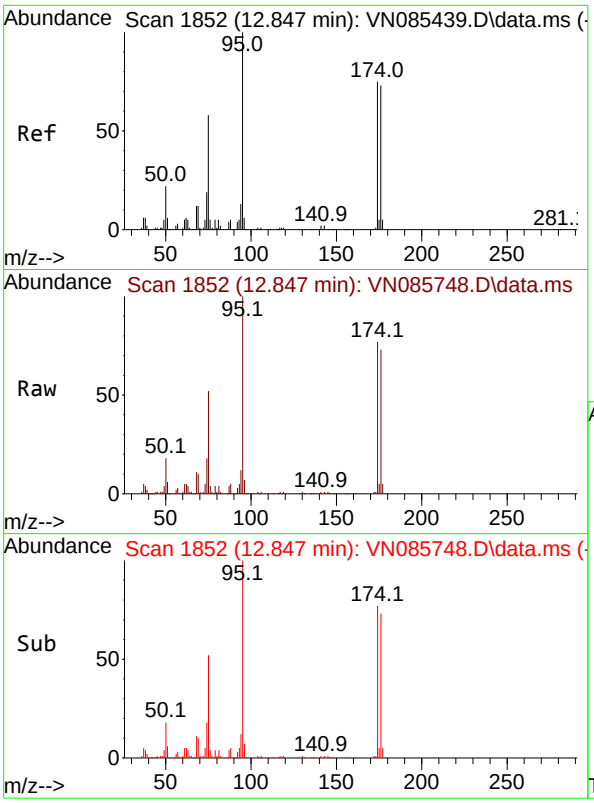


#50
Toluene-d8
Concen: 51.642 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085748.D
Acq: 11 Feb 2025 16:26

Tgt Ion: 98 Resp: 618278

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.4



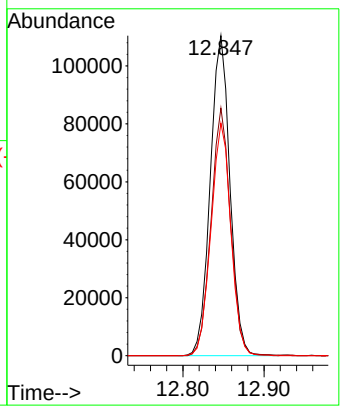


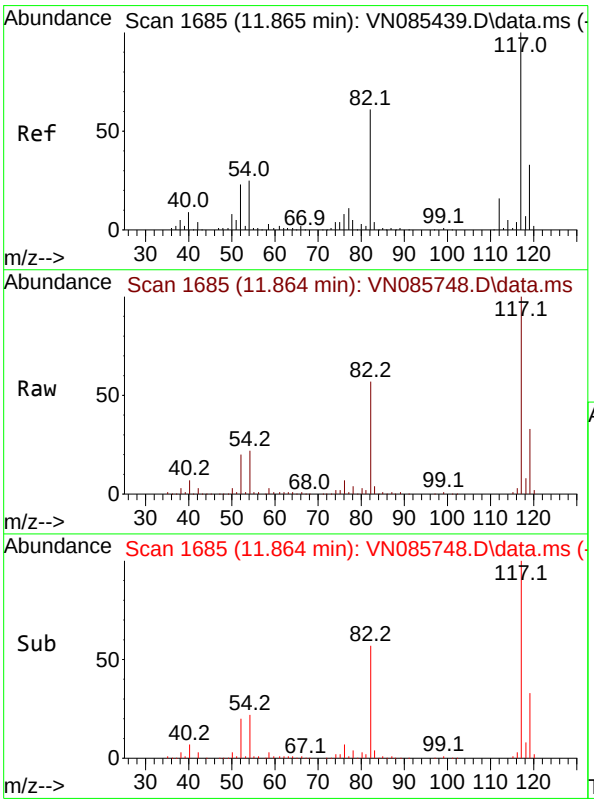
#62
4-Bromofluorobenzene
Concen: 45.445 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085748.D
Acq: 11 Feb 2025 16:26

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#08

Tgt Ion: 95 Resp: 186120

Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	145.0
176	73.2	0.0	142.4

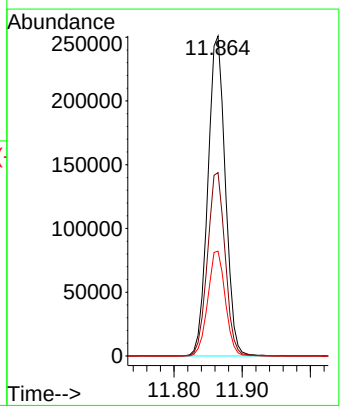


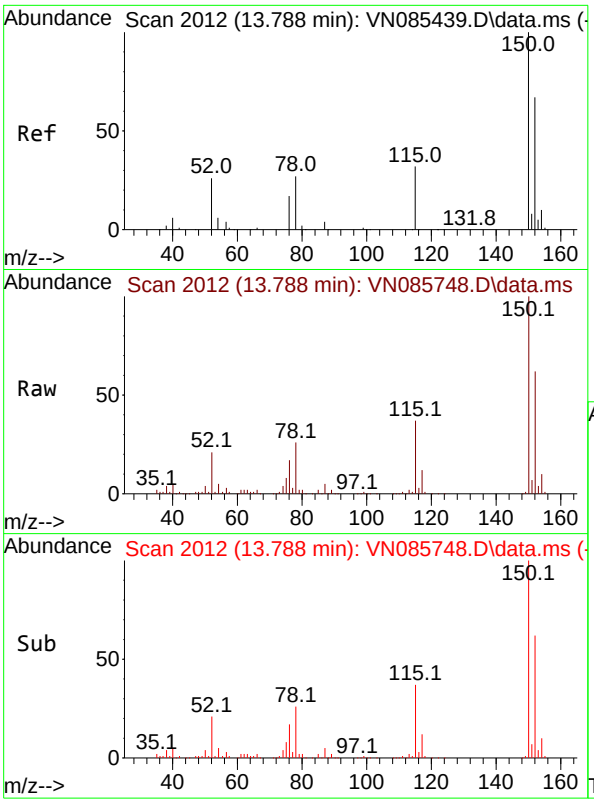


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085748.D
Acq: 11 Feb 2025 16:26

Tgt Ion:117 Resp: 447778

Ion	Ratio	Lower	Upper
117	100		
82	57.3	48.6	72.8
119	32.8	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: VN085748.D
Acq: 11 Feb 2025 16:26

Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#08

Tgt Ion:152 Resp: 167426

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.1	93.3
150	159.7	0.0	343.6