Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
Data File : VN085936.D
Acq On : 11 Mar 2025 17:04
Operator : JC\MD
Sample : PB167050ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#03

Quant Time: Mar 12 01:24:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	162115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	129103	61.426	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.860%			
35) Dibromofluoromethane	8.165	113	110596	55.244	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.480%			
50) Toluene-d8	10.565	98	403502	55.398	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.800%			
62) 4-Bromofluorobenzene	12.847	95	122771	51.159	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.320%			
Target Compounds						Qvalue
16) Acetone	4.430	43	41082	61.774	ug/l	90
20) Methylene Chloride	5.283	84	6426	3.005	ug/l #	93
43) Isopropyl Acetate	8.688	43	65508	15.633	ug/l #	84

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

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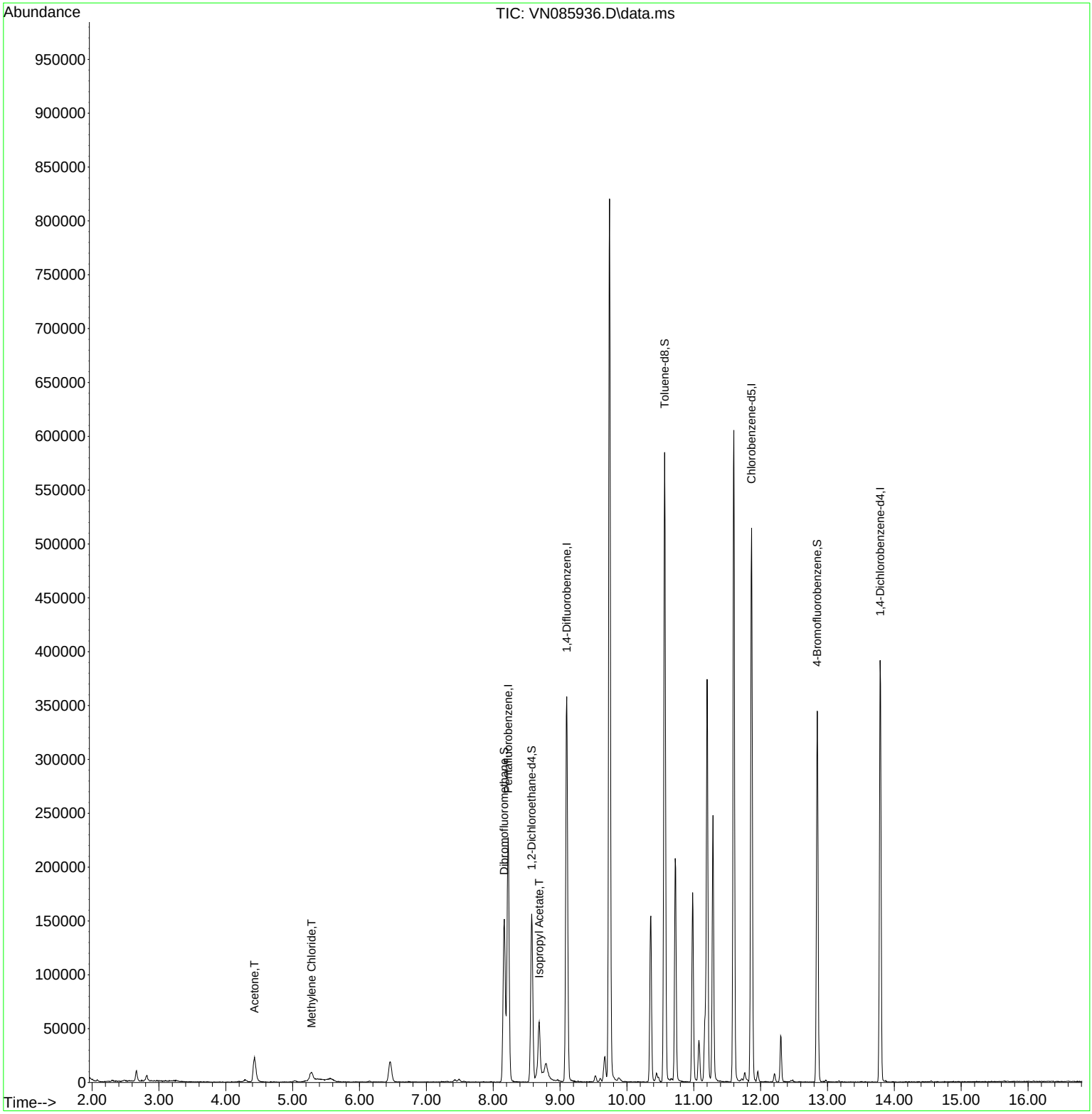
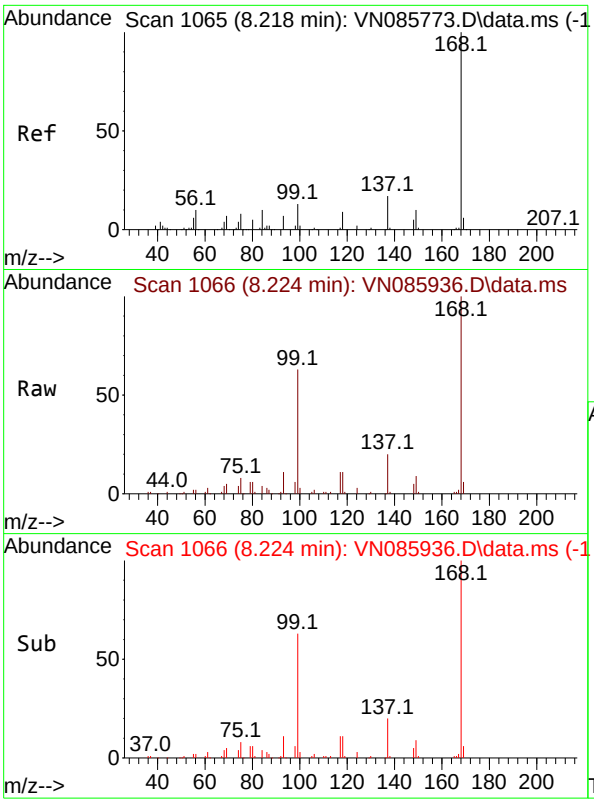


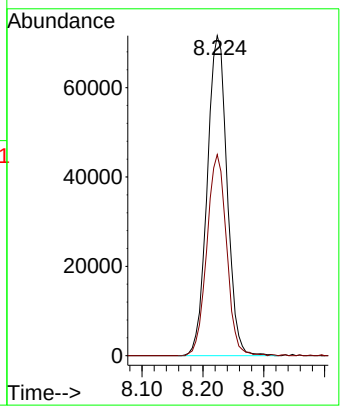


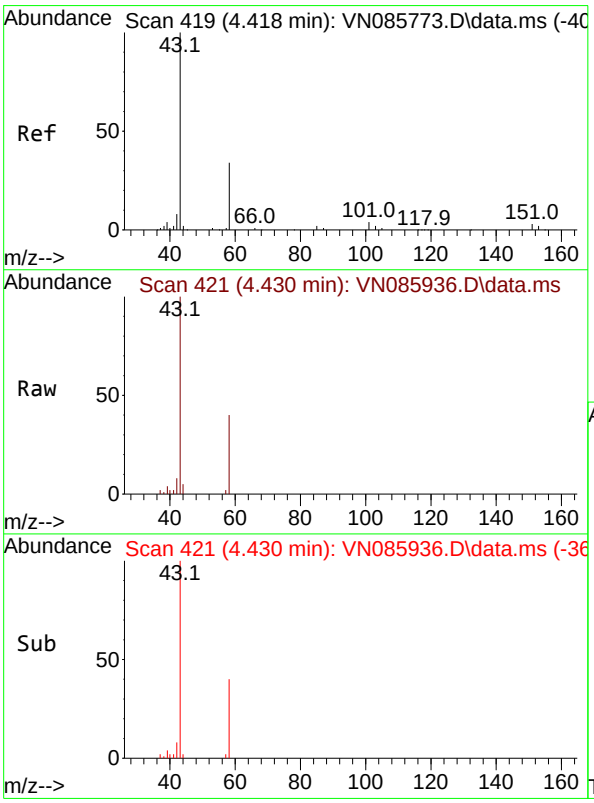
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085936.D
Acq: 11 Mar 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#03

Tgt Ion:168 Resp: 162115

Ion	Ratio	Lower	Upper
168	100		
99	62.9	47.9	71.9

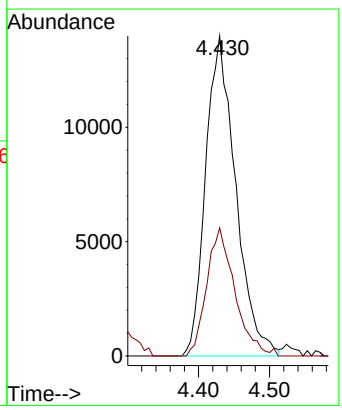


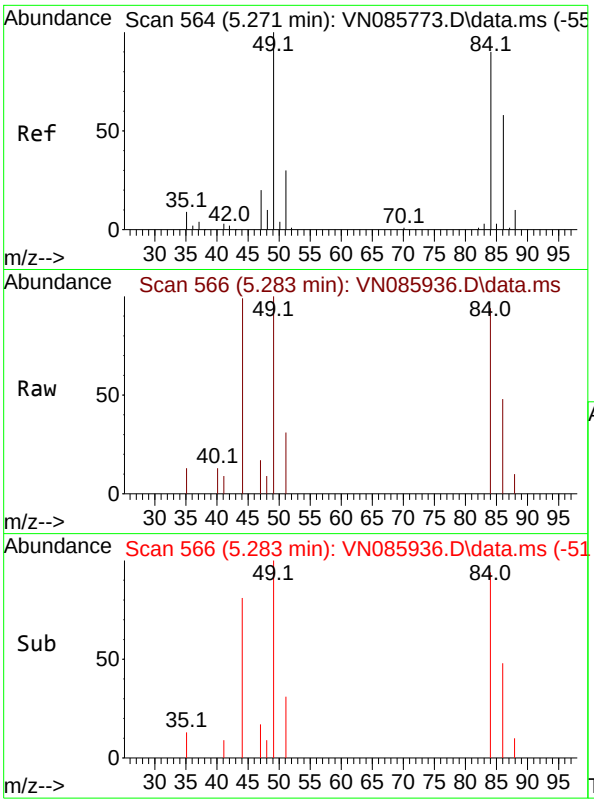


#16
Acetone
Concen: 61.774 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085936.D
Acq: 11 Mar 2025 17:04

Tgt Ion: 43 Resp: 41082

Ion	Ratio	Lower	Upper
43	100		
58	40.1	27.5	41.3



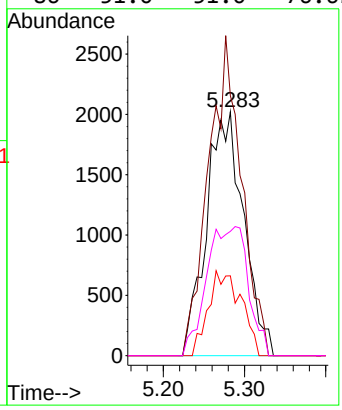


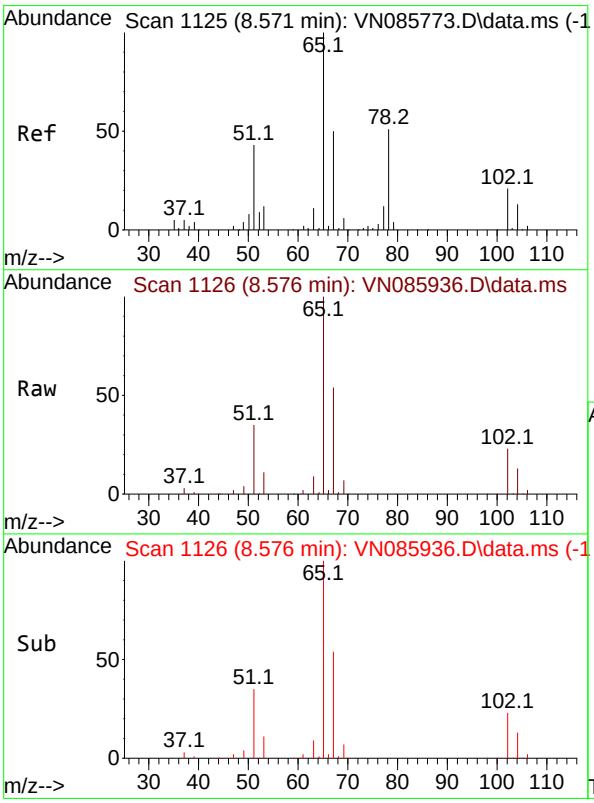
#20
Methylene Chloride
Concen: 3.005 ug/l
RT: 5.283 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN085936.D
Acq: 11 Mar 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#03

Tgt Ion: 84 Resp: 6426

Ion	Ratio	Lower	Upper
84	100		
49	106.7	88.4	132.6
51	32.8	26.6	40.0
86	51.0	51.0	76.6#

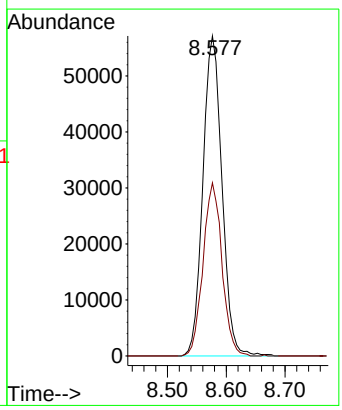


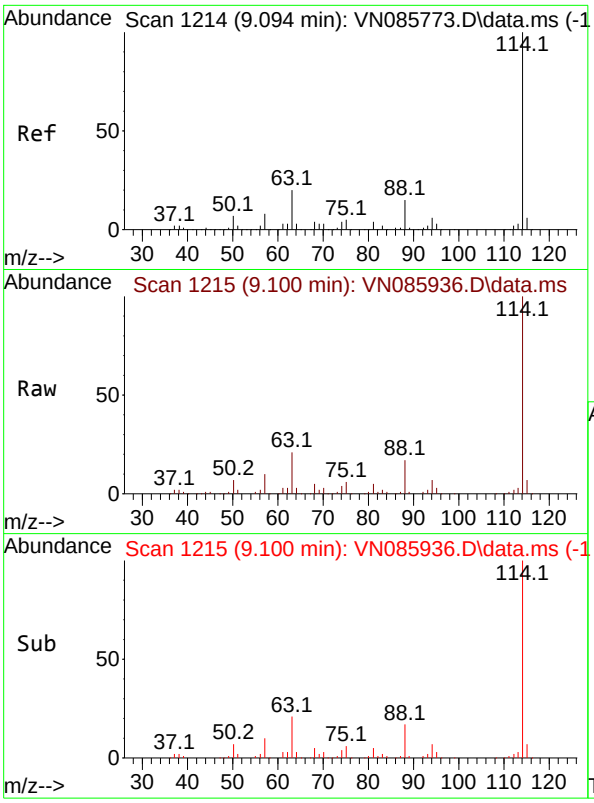


#33
1,2-Dichloroethane-d4
Concen: 61.426 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085936.D
Acq: 11 Mar 2025 17:04

Tgt Ion: 65 Resp: 129103

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.2



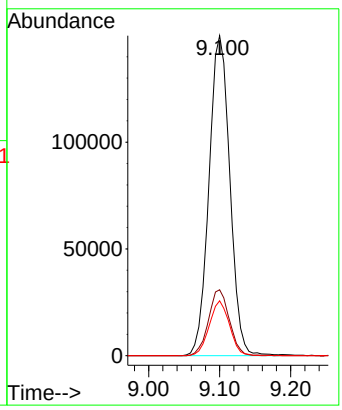


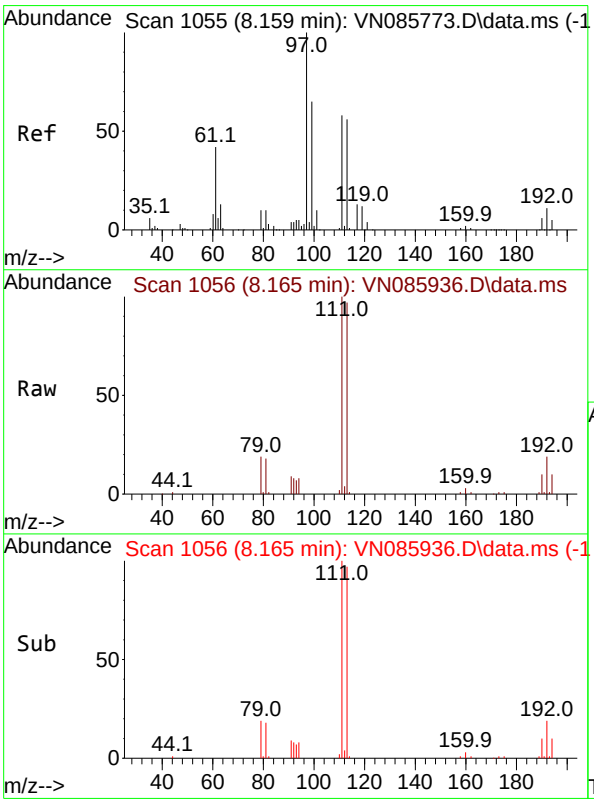
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085936.D
Acq: 11 Mar 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#03

Tgt Ion:114 Resp: 305942

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.2
88	17.1	0.0	30.0

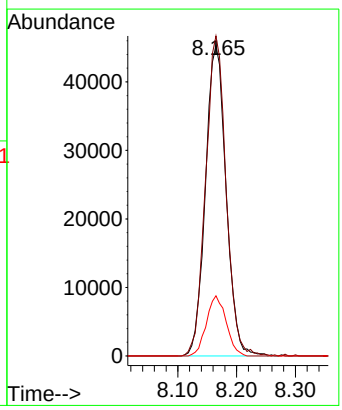


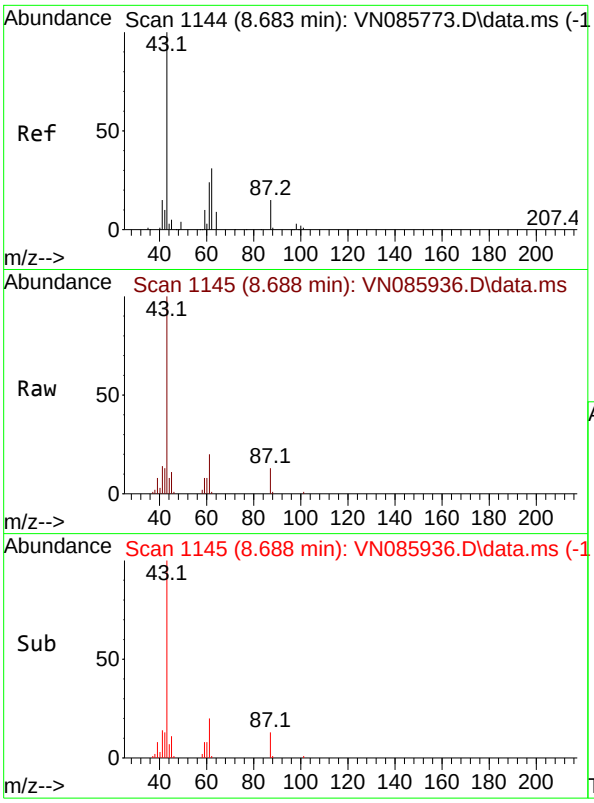


#35
Dibromofluoromethane
Concen: 55.244 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085936.D
Acq: 11 Mar 2025 17:04

Tgt Ion:113 Resp: 110596

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	18.6	14.7	22.1



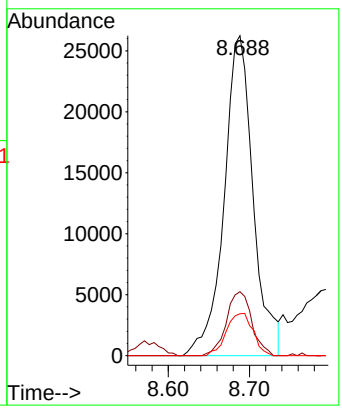


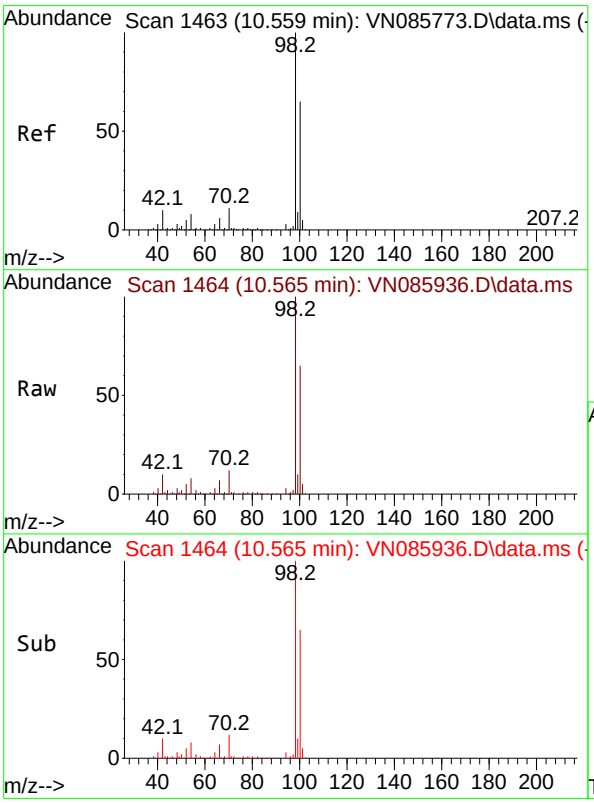
#43
Isopropyl Acetate
Concen: 15.633 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN085936.D
Acq: 11 Mar 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#03

Tgt Ion: 43 Resp: 65508

Ion	Ratio	Lower	Upper
43	100		
61	17.5	22.6	34.0#
87	12.1	11.8	17.8

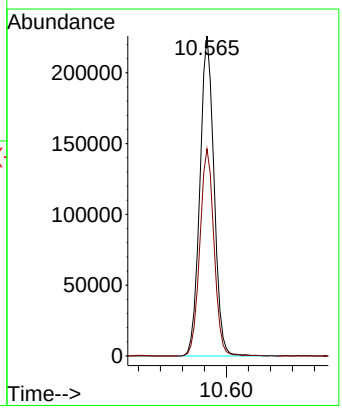


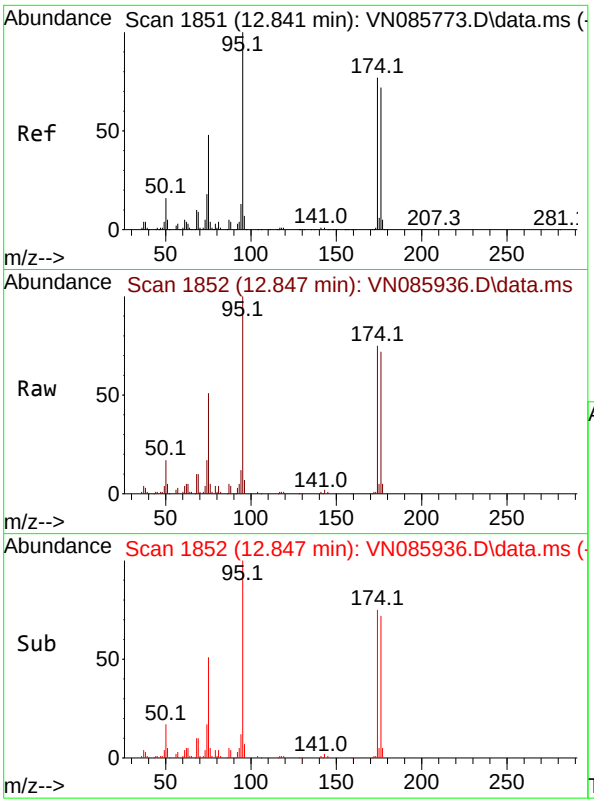


#50
Toluene-d8
Concen: 55.398 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085936.D
Acq: 11 Mar 2025 17:04

Tgt Ion: 98 Resp: 403502

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.1	78.1



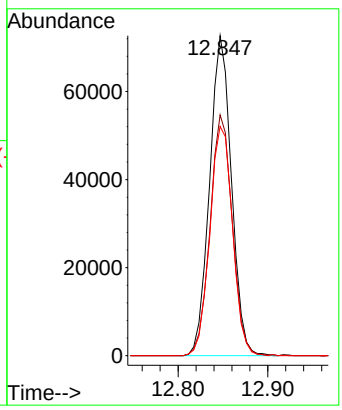


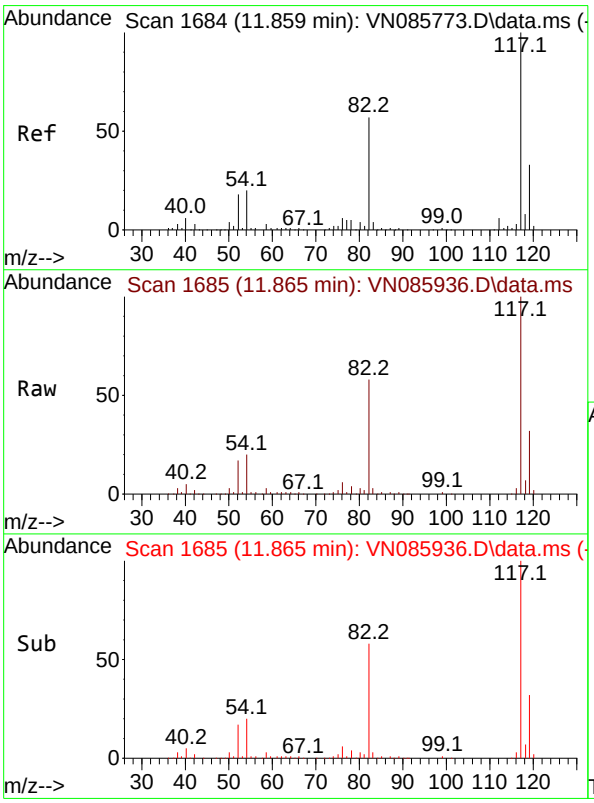
#62
4-Bromofluorobenzene
Concen: 51.159 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085936.D
Acq: 11 Mar 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#03

Tgt Ion: 95 Resp: 122771

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	152.4
176	74.4	0.0	146.6

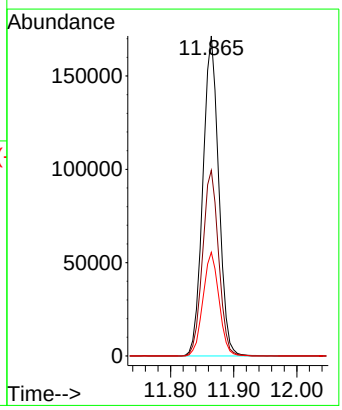


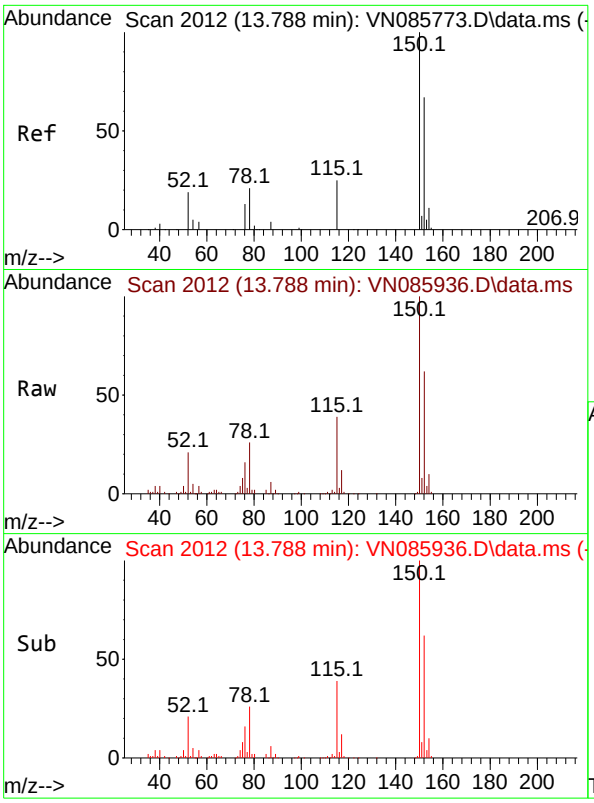


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085936.D
Acq: 11 Mar 2025 17:04

Tgt Ion:117 Resp: 298343

Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.7	68.5
119	32.4	26.2	39.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN085936.D
Acq: 11 Mar 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#03

Tgt Ion:152 Resp: 108946

Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.4	91.3
150	159.9	0.0	345.4