Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
Data File : VN084967.D
Acq On : 20 Nov 2024 14:33
Operator : JC\MD
Sample : PB165122TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB165122TB

Quant Time: Nov 21 00:38:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	165076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122130	51.224	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.440%			
35) Dibromofluoromethane	8.165	113	96695	47.664	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.320%			
50) Toluene-d8	10.565	98	354600	47.451	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.900%			
62) 4-Bromofluorobenzene	12.847	95	133518	47.806	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.620%			
Target Compounds						Qvalue
16) Acetone	4.436	43	19968	26.442	ug/l #	86
20) Methylene Chloride	5.271	84	2825	1.347	ug/l #	63
43) Isopropyl Acetate	8.688	43	242604	51.472	ug/l #	73

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

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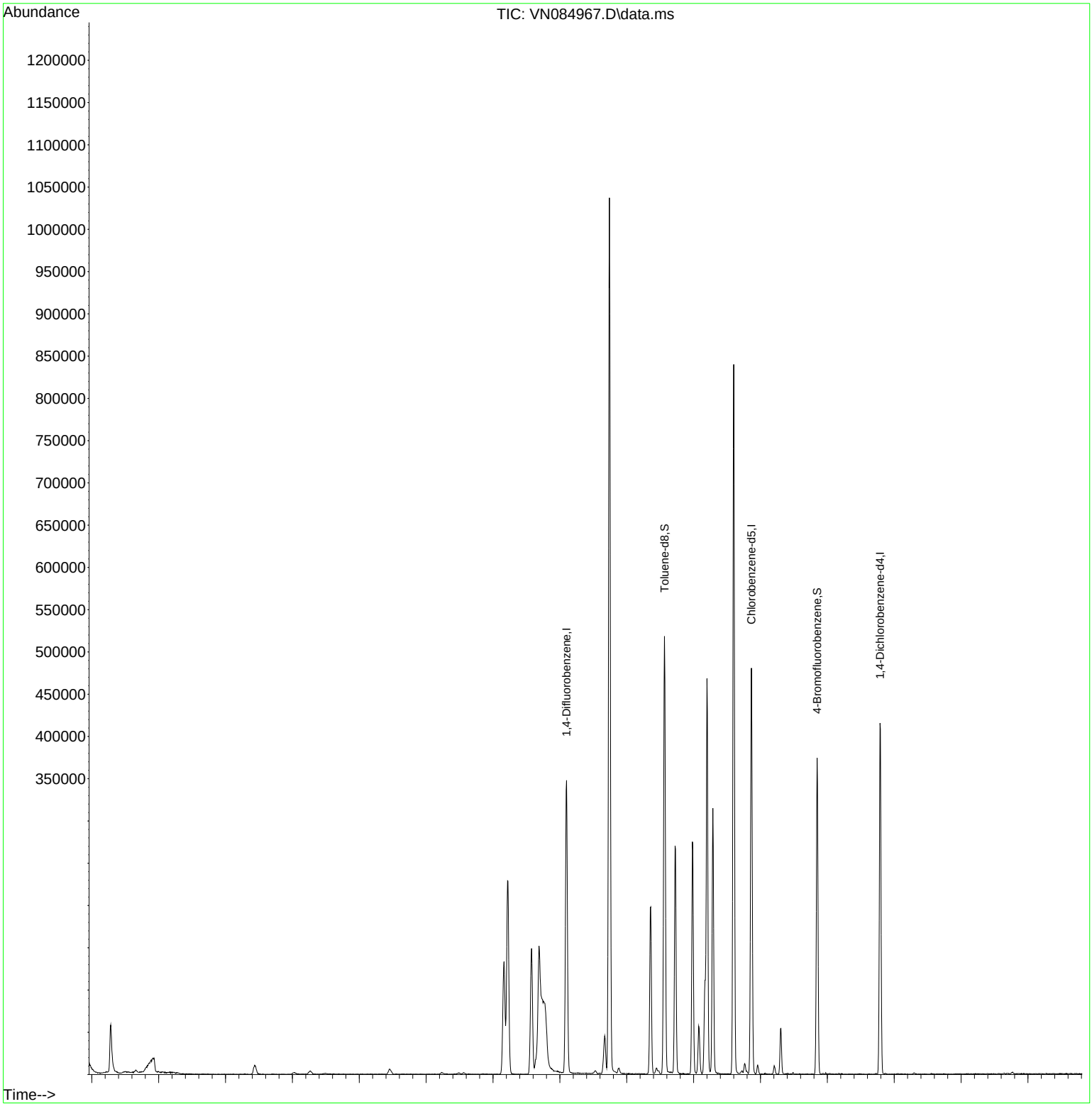
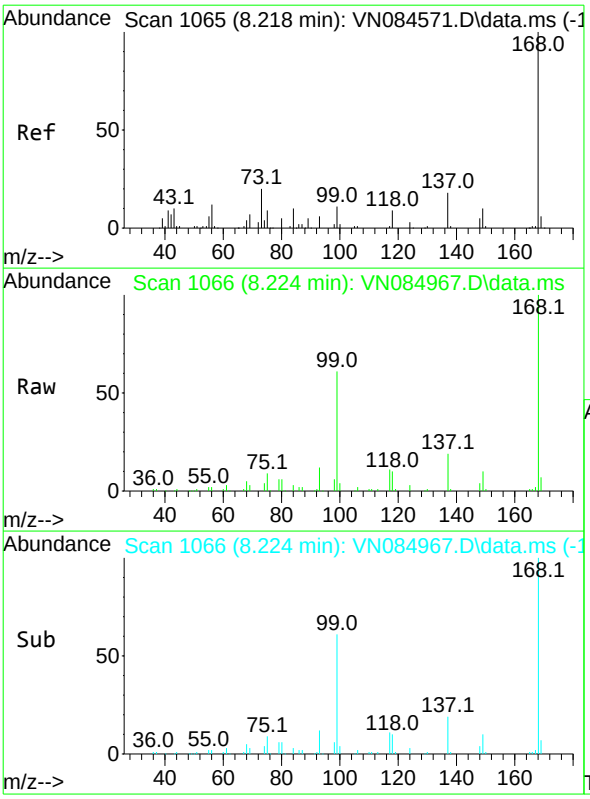


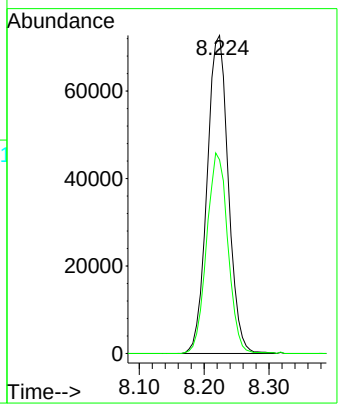


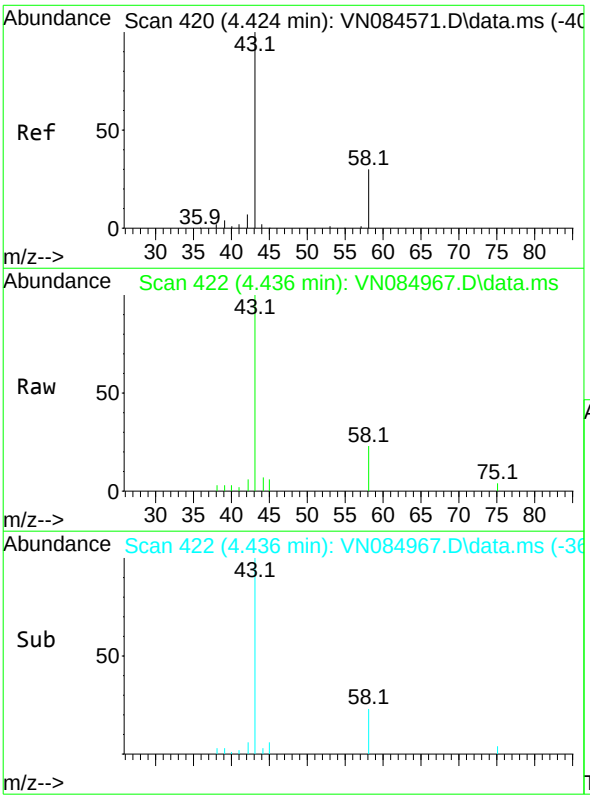
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084967.D
Acq: 20 Nov 2024 14:33

Instrument :
MSVOA_N
ClientSampleId :
PB165122TB

Tgt Ion:168 Resp: 165076

Ion	Ratio	Lower	Upper
168	100		
99	60.9	54.2	81.2

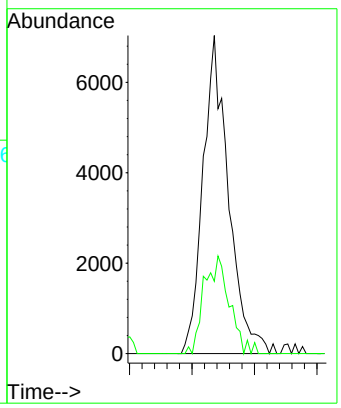


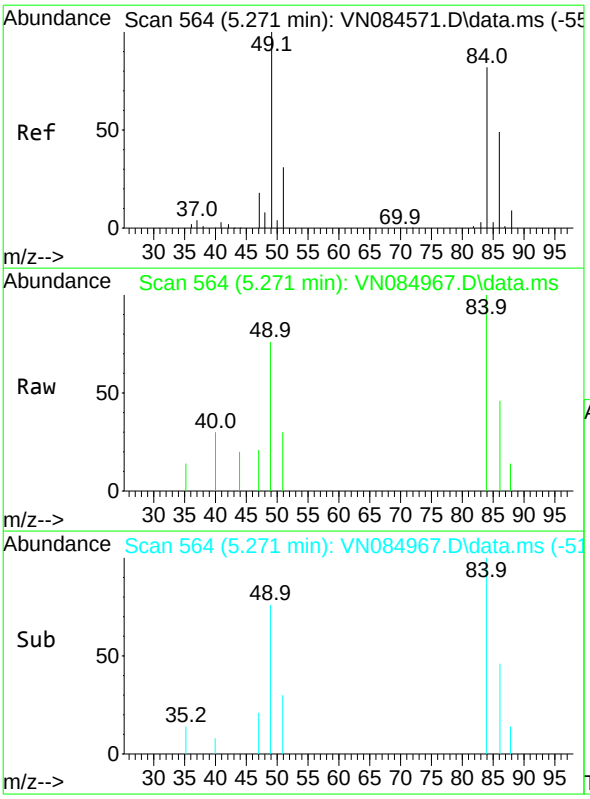


#16
Acetone
Concen: 26.442 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084967.D
Acq: 20 Nov 2024 14:33

Tgt Ion: 43 Resp: 19968

Ion	Ratio	Lower	Upper
43	100		
58	22.7	24.4	36.6#



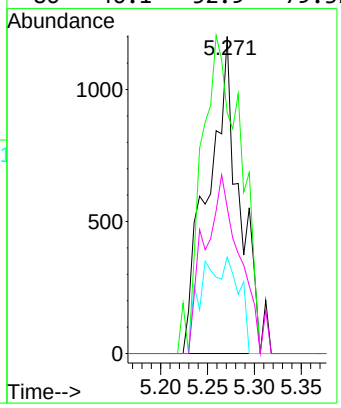


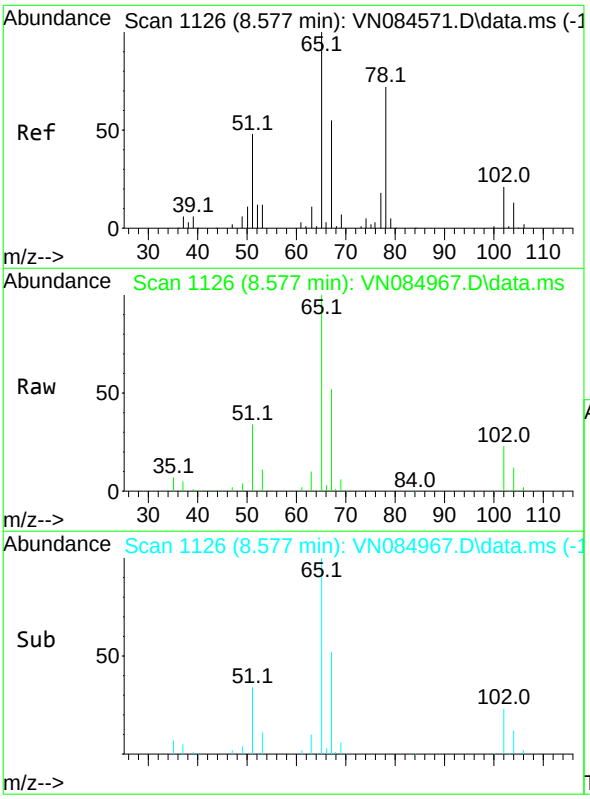
#20
Methylene Chloride
Concen: 1.347 ug/l
RT: 5.271 min Scan# 56
Delta R.T. -0.006 min
Lab File: VN084967.D
Acq: 20 Nov 2024 14:33

Instrument :
MSVOA_N
ClientSampleId :
PB165122TB

Tgt Ion: 84 Resp: 2825

Ion	Ratio	Lower	Upper
84	100		
49	76.0	107.2	160.8#
51	30.4	31.8	47.8#
86	46.1	52.9	79.3#

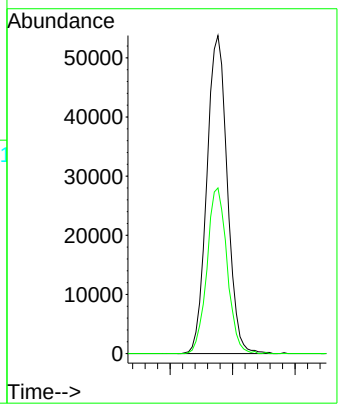


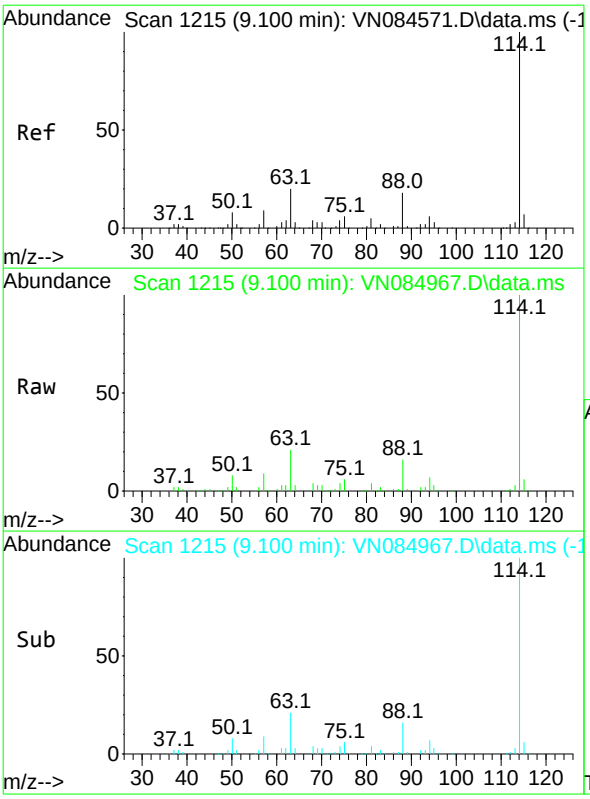


#33
1,2-Dichloroethane-d4
Concen: 51.224 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084967.D
Acq: 20 Nov 2024 14:33

Tgt Ion: 65 Resp: 122130

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.0



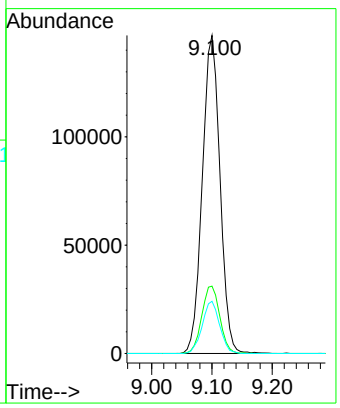


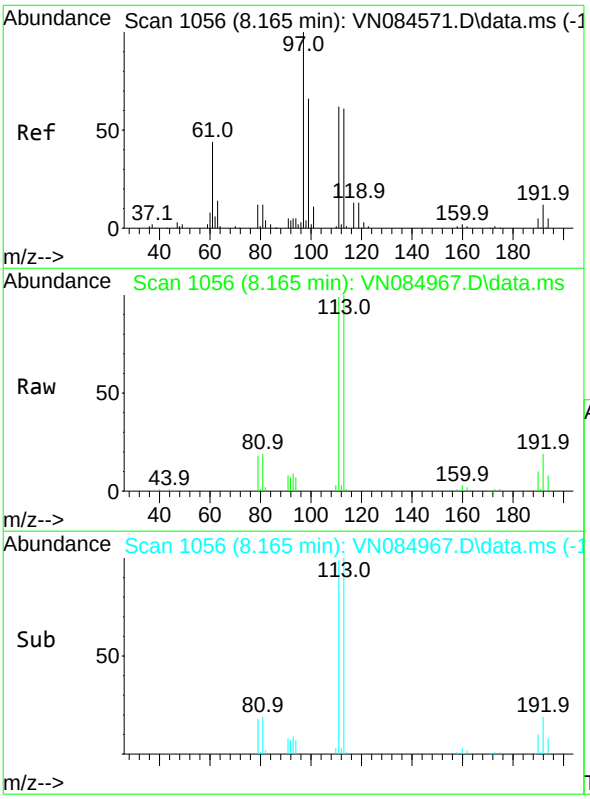
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 12
Delta R.T. 0.000 min
Lab File: VN084967.D
Acq: 20 Nov 2024 14:33

Instrument :
MSVOA_N
ClientSampleId :
PB165122TB

Tgt Ion:114 Resp: 299710

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.8
88	16.4	0.0	31.6

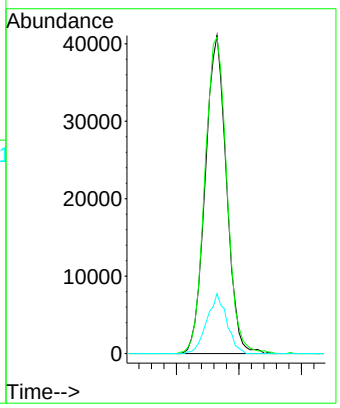


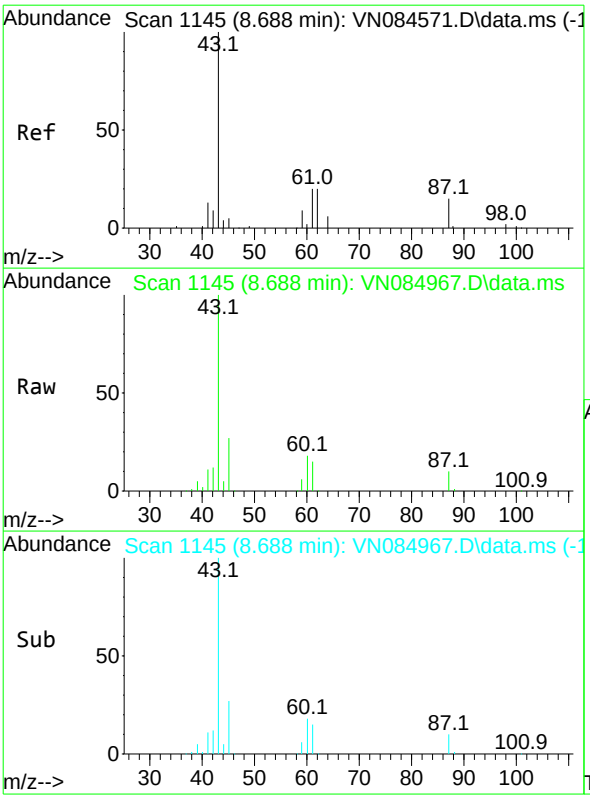


#35
Dibromofluoromethane
Concen: 47.664 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084967.D
Acq: 20 Nov 2024 14:33

Tgt Ion:113 Resp: 96695

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.3	124.9
192	17.6	13.5	20.3



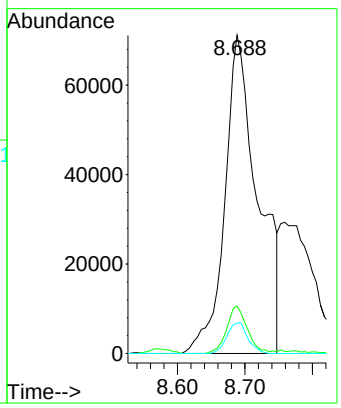


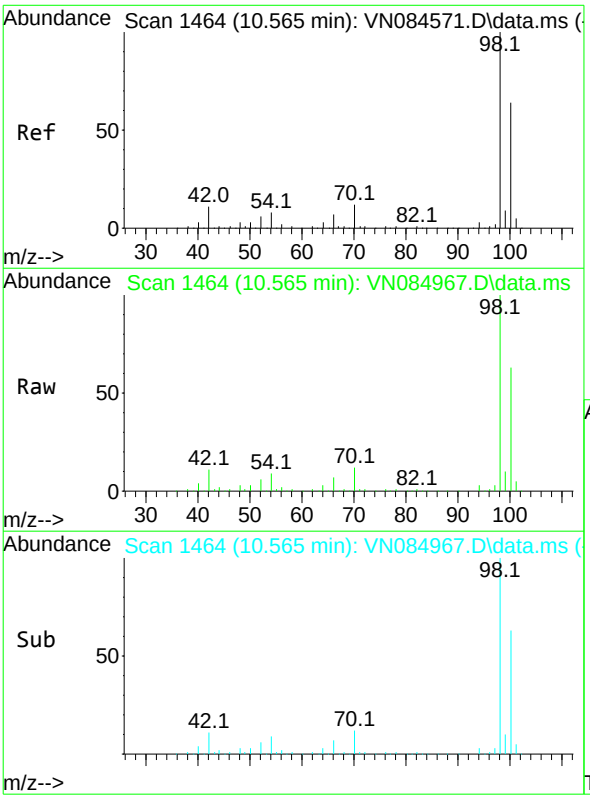
#43
Isopropyl Acetate
Concen: 51.472 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084967.D
Acq: 20 Nov 2024 14:33

Instrument :
MSVOA_N
ClientSampleId :
PB165122TB

Tgt Ion: 43 Resp: 242604

Ion	Ratio	Lower	Upper
43	100		
61	9.4	20.4	30.6#
87	6.1	10.3	15.5#

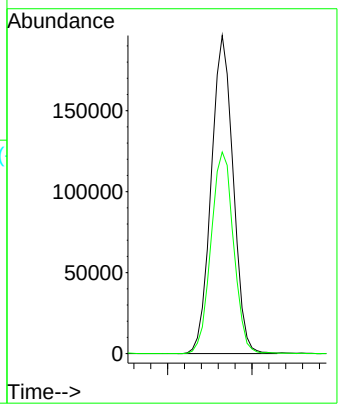


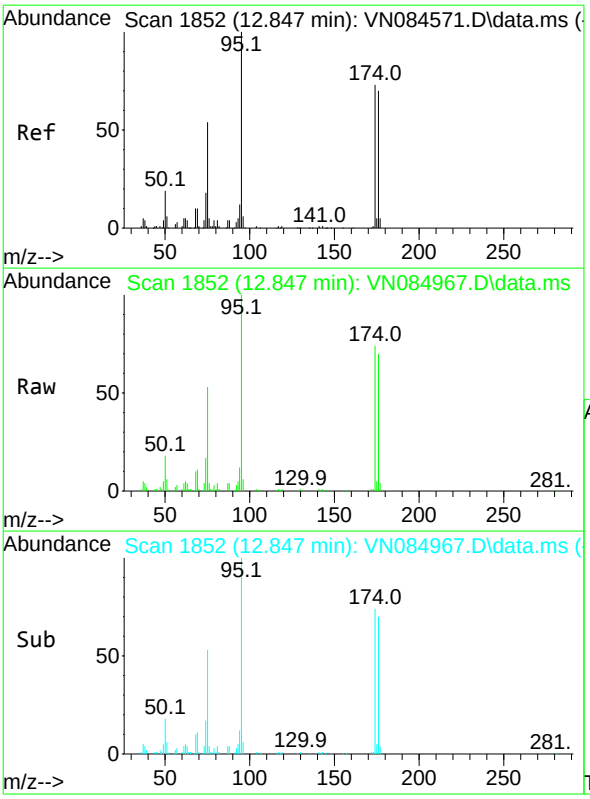


#50
Toluene-d8
Concen: 47.451 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084967.D
Acq: 20 Nov 2024 14:33

Tgt Ion: 98 Resp: 354600

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.7	79.1



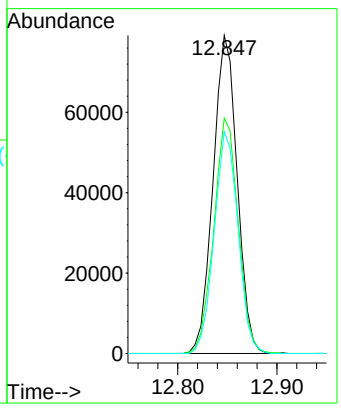


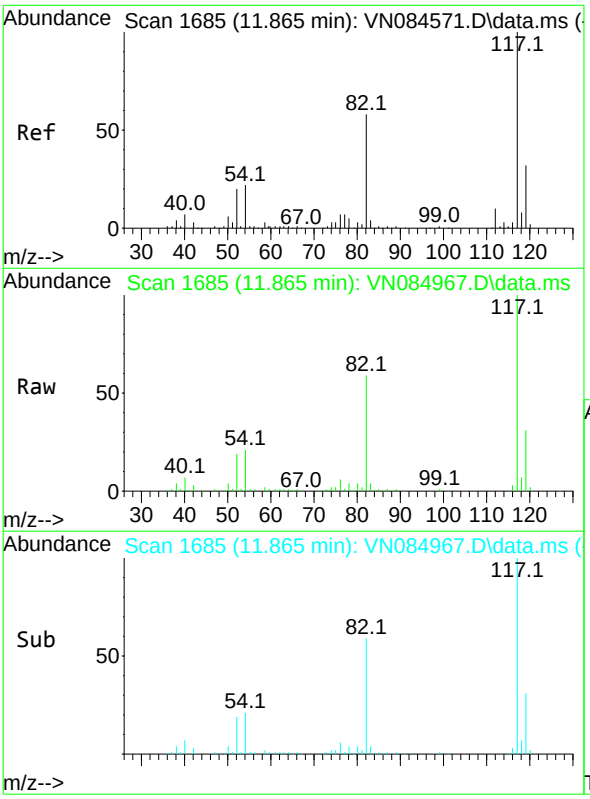
#62
4-Bromofluorobenzene
Concen: 47.806 ug/l
RT: 12.847 min Scan# 18
Delta R.T. -0.000 min
Lab File: VN084967.D
Acq: 20 Nov 2024 14:33

Instrument :
MSVOA_N
ClientSampleId :
PB165122TB

Tgt Ion: 95 Resp: 133518

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	145.2
176	69.1	0.0	140.0

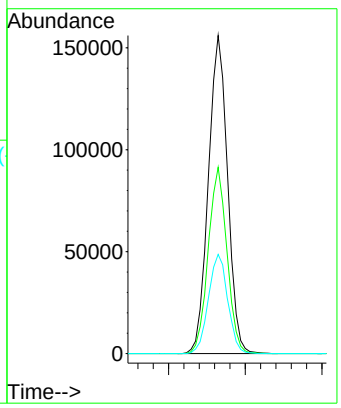


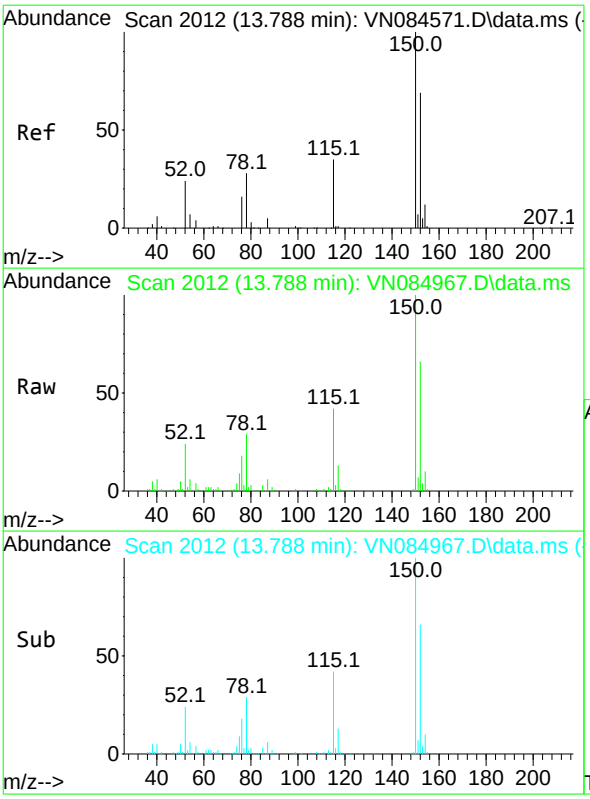


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084967.D
Acq: 20 Nov 2024 14:33

Tgt Ion:117 Resp: 271233

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.2	70.8
119	31.2	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN084967.D
Acq: 20 Nov 2024 14:33

Instrument :
MSVOA_N
ClientSampleId :
PB165122TB

Tgt Ion:152 Resp: 111994

Ion	Ratio	Lower	Upper
152	100		
115	65.2	31.3	93.9
150	157.0	0.0	349.8