Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
Data File : VN084347.D
Acq On : 08 Oct 2024 14:11
Operator : JC\MD
Sample : P4271-01RE 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 09 02:30:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:21:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.818	128	31566	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	163722	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	147206	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76147	29.963	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.867%			
60) 4-Bromofluorobenzene	12.847	95	61583	25.348	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 84.500%			
63) Toluene-d8	10.565	98	201067	29.484	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.267%			
Target Compounds						Qvalue
25) Chloroform	7.971	83	4858	1.220	ug/l #	71
36) 1,2-Dichloroethane	9.100	62	5935	2.116	ug/l #	75
38) Methylcyclohexane	9.894	83	637	0.216	ug/l #	17
41) Bromodichloromethane	9.894	83	637	0.209	ug/l #	88
50) 1,1,2-Trichloroethane	10.571	97	4402	2.284	ug/l #	1
72) 1,2,3-Trichloropropane	12.847	75	33160	14.321	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	33160	33.513	ug/l #	12

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

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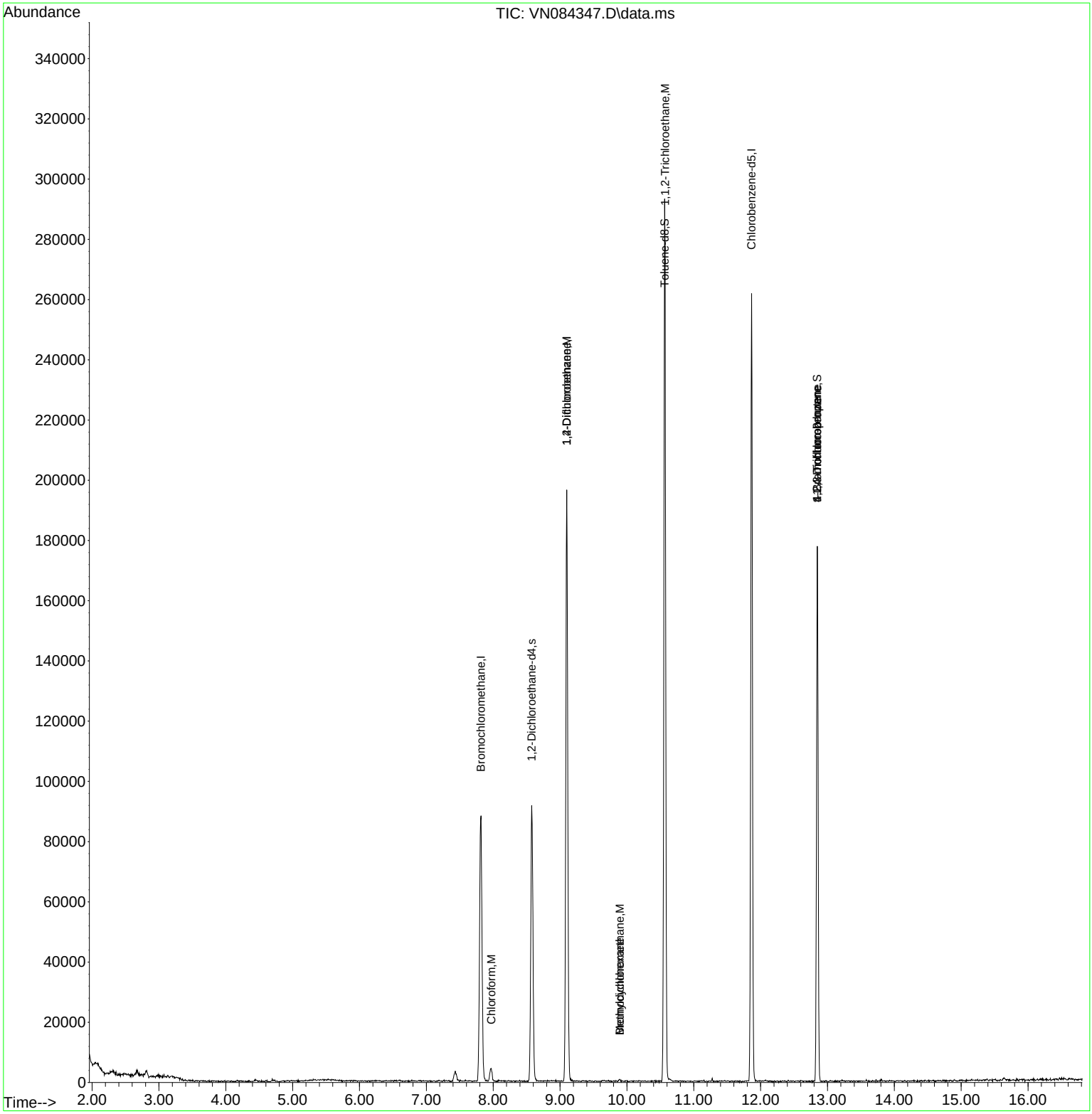
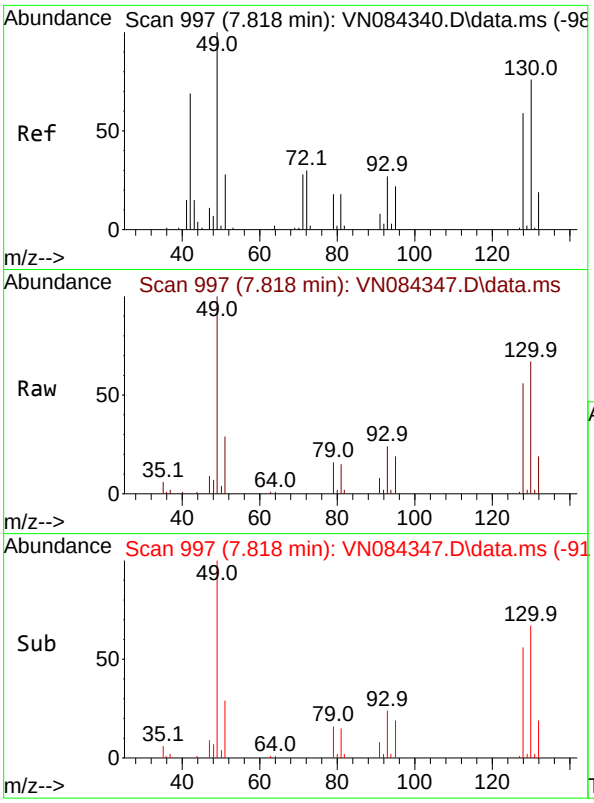


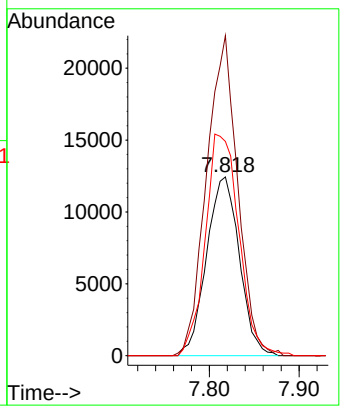


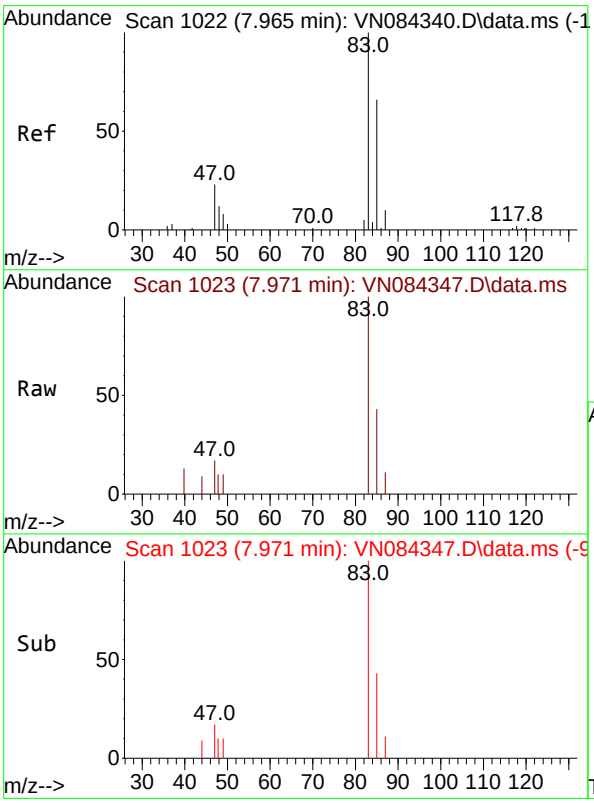
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN084347.D
Acq: 08 Oct 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 31566

Ion	Ratio	Lower	Upper
128	100		
49	169.6	0.0	430.0
130	127.0	0.0	329.8

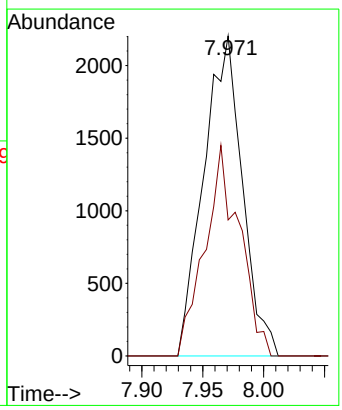


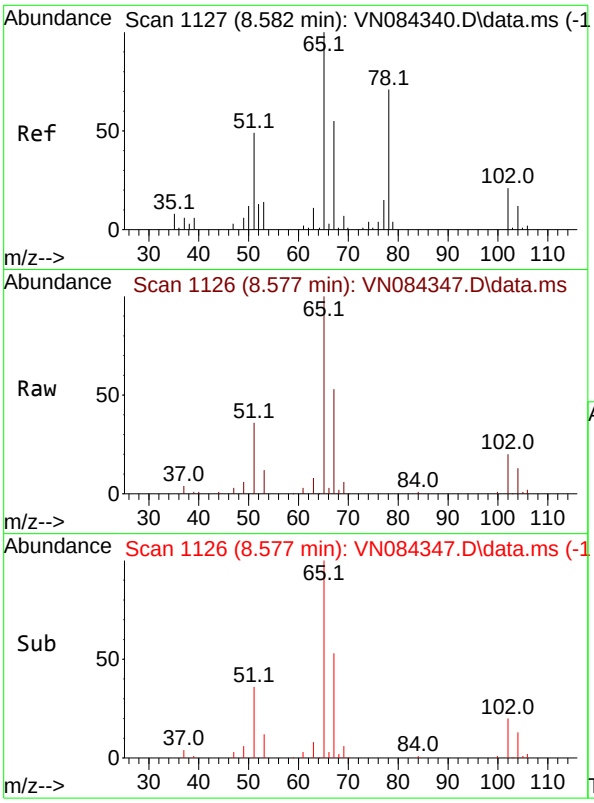


#25
Chloroform
Concen: 1.220 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN084347.D
Acq: 08 Oct 2024 14:11

Tgt Ion: 83 Resp: 4858

Ion	Ratio	Lower	Upper
83	100		
85	42.5	52.4	78.6#



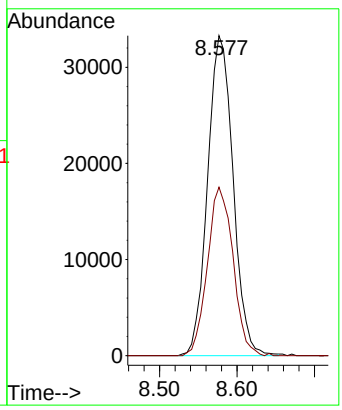


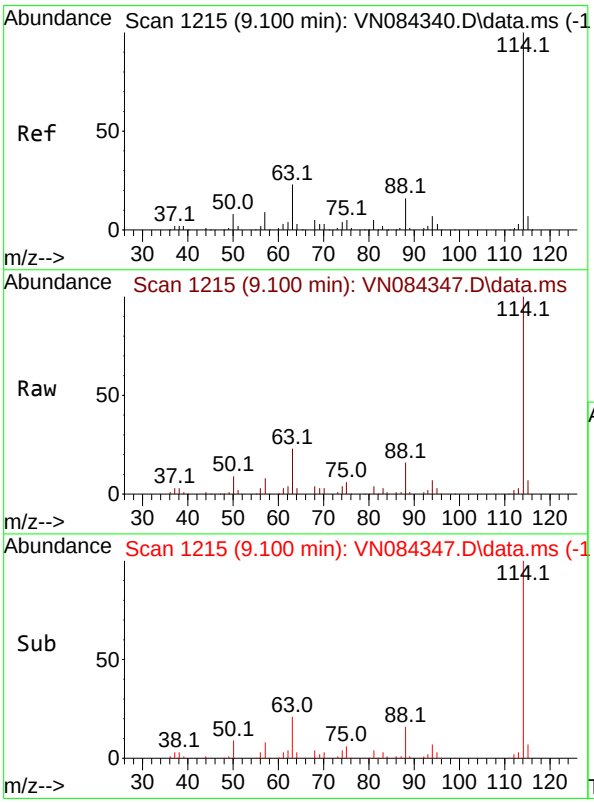
#27
1,2-Dichloroethane-d4
Concen: 29.963 ug/l
RT: 8.577 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN084347.D
Acq: 08 Oct 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 76147

Ion	Ratio	Lower	Upper
65	100		
67	53.0	41.5	62.3

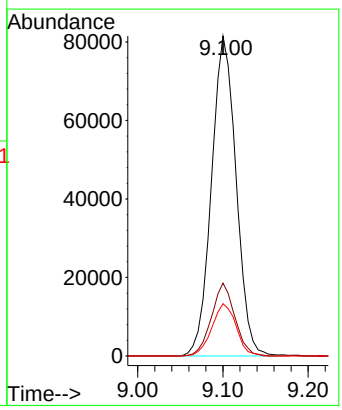


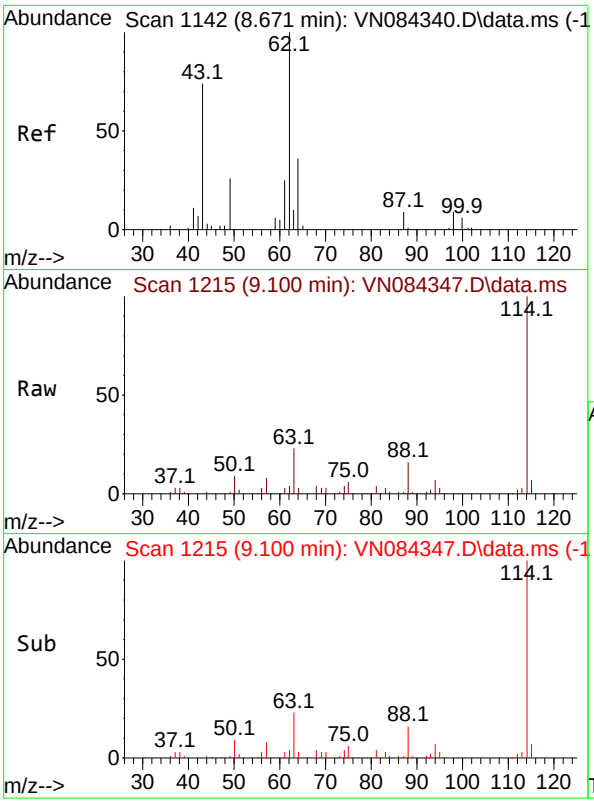


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084347.D
Acq: 08 Oct 2024 14:11

Tgt Ion:114 Resp: 163722

Ion	Ratio	Lower	Upper
114	100		
63	21.6	17.4	26.0
88	16.1	13.2	19.8



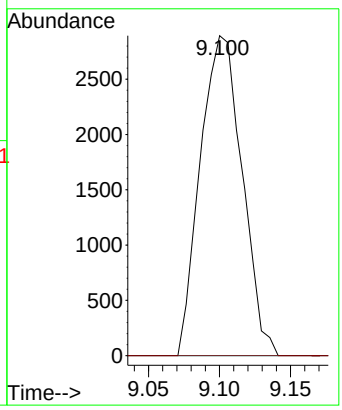


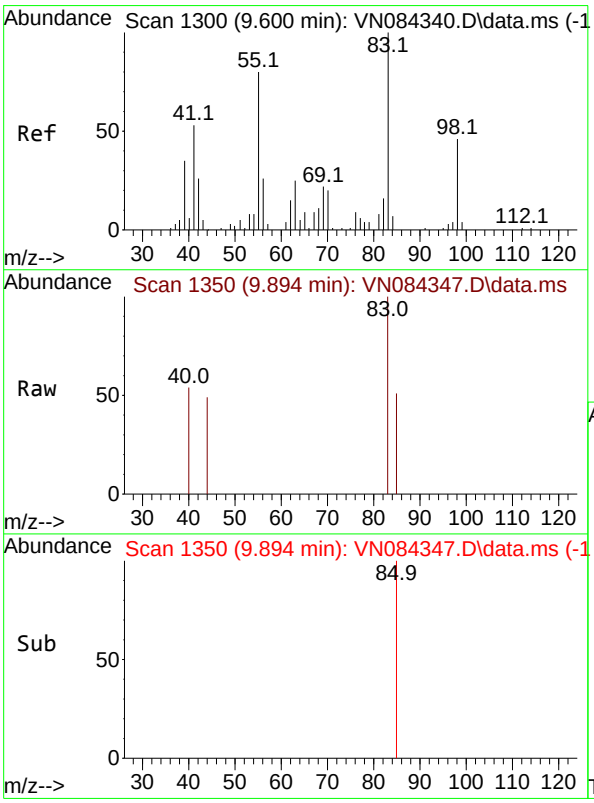
#36
1,2-Dichloroethane
Concen: 2.116 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.429 min
Lab File: VN084347.D
Acq: 08 Oct 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 62 Resp: 5935

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9#

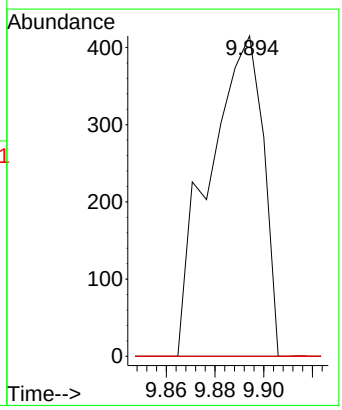


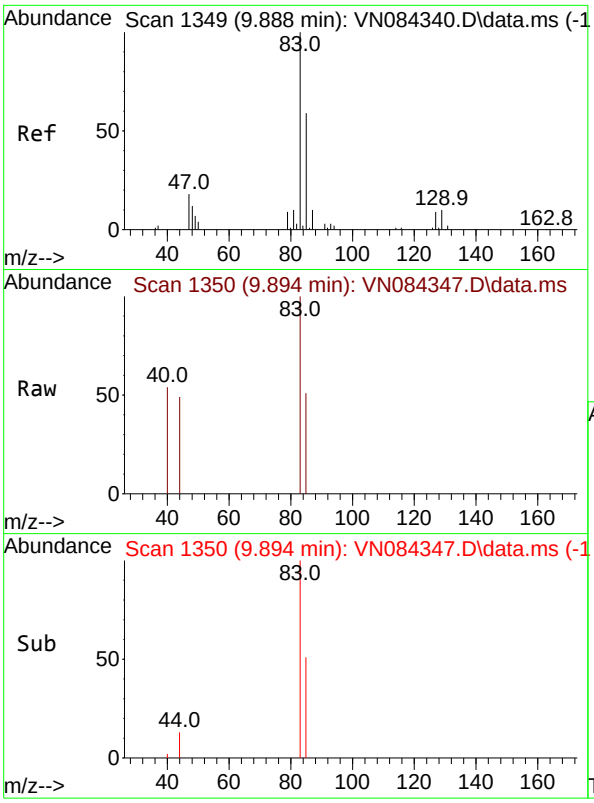


#38
Methylcyclohexane
Concen: 0.216 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.294 min
Lab File: VN084347.D
Acq: 08 Oct 2024 14:11

Tgt Ion: 83 Resp: 637

Ion	Ratio	Lower	Upper
83	100		
55	0.0	39.3	117.8#
98	0.0	24.0	72.0#



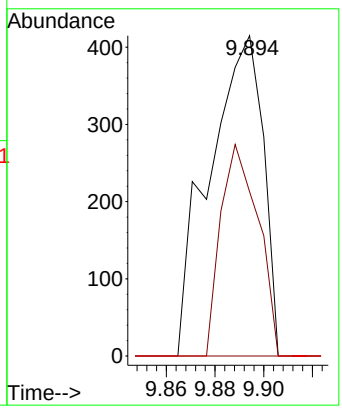


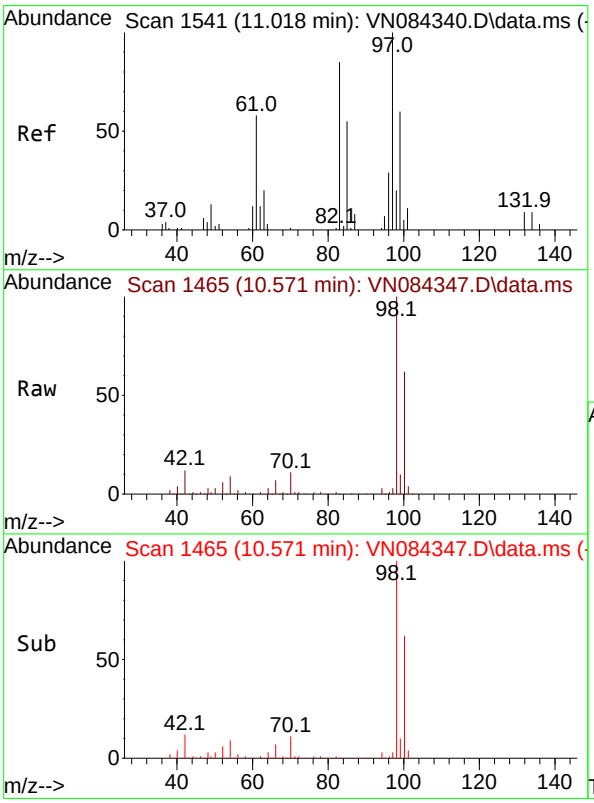
#41
Bromodichloromethane
Concen: 0.209 ug/l
RT: 9.894 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN084347.D
Acq: 08 Oct 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 637

Ion	Ratio	Lower	Upper
83	100		
85	51.3	47.1	70.7
127	0.0	7.1	10.7#

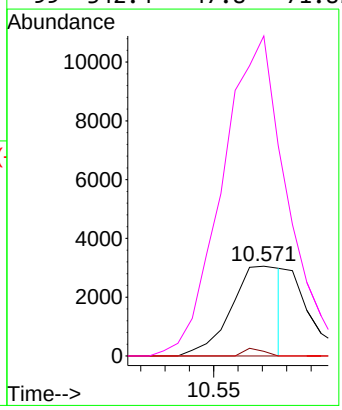


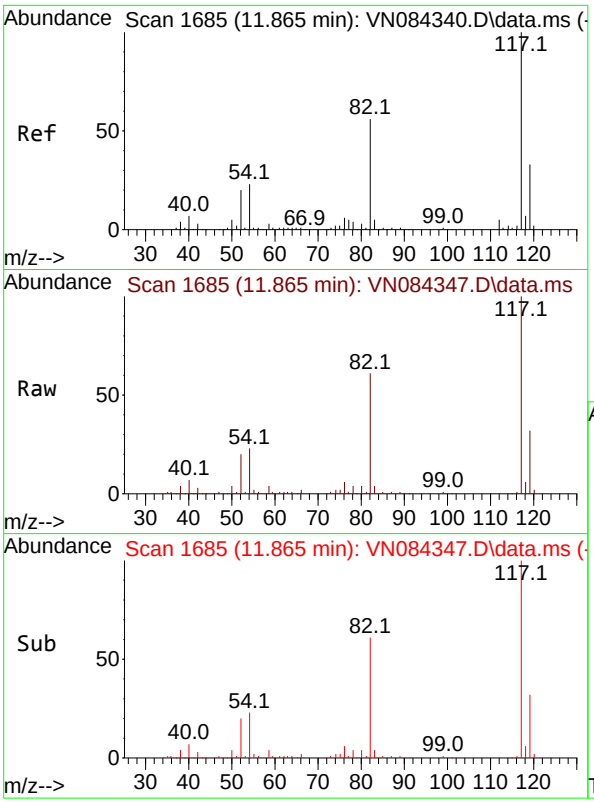


#50
1,1,2-Trichloroethane
Concen: 2.284 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.447 min
Lab File: VN084347.D
Acq: 08 Oct 2024 14:11

Tgt Ion: 97 Resp: 4402

Ion	Ratio	Lower	Upper
97	100		
83	5.2	67.8	101.8#
85	0.0	44.2	66.2#
99	342.4	47.8	71.8#



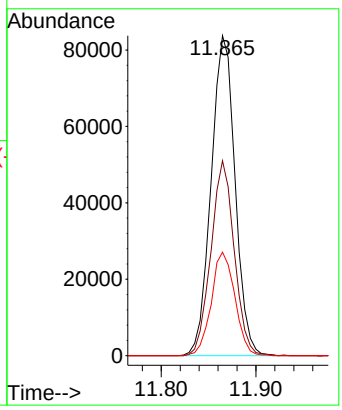


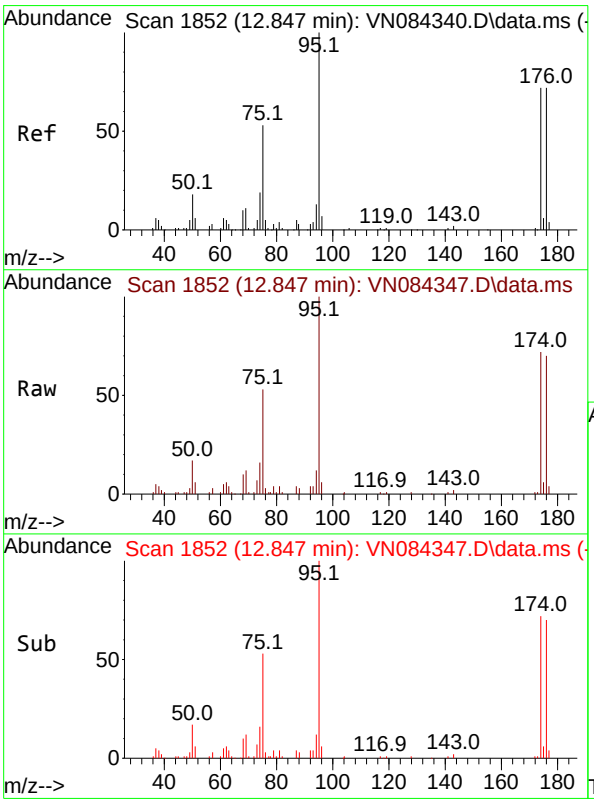
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084347.D
Acq: 08 Oct 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 147206

Ion	Ratio	Lower	Upper
117	100		
82	59.2	46.2	69.4
119	31.9	25.4	38.2

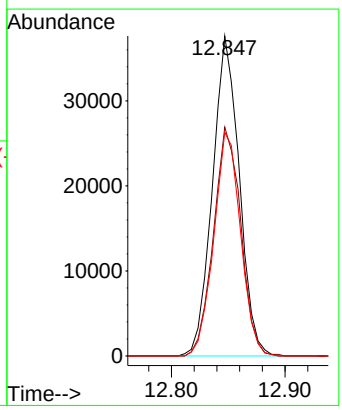


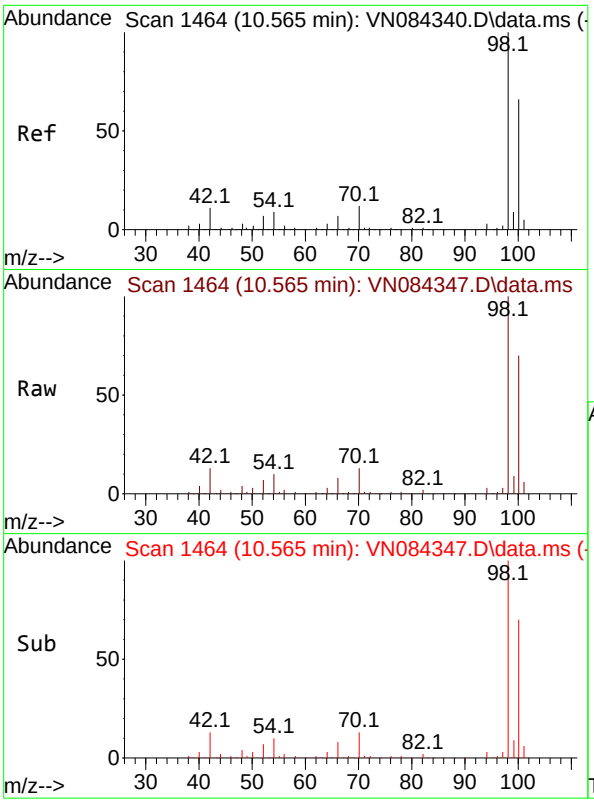


#60
4-Bromofluorobenzene
Concen: 25.348 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084347.D
Acq: 08 Oct 2024 14:11

Tgt Ion: 95 Resp: 61583

Ion	Ratio	Lower	Upper
95	100		
174	72.9	58.2	87.2
176	69.9	56.4	84.6



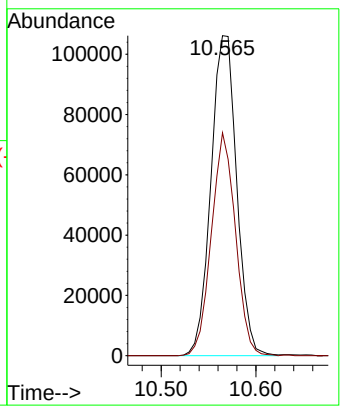


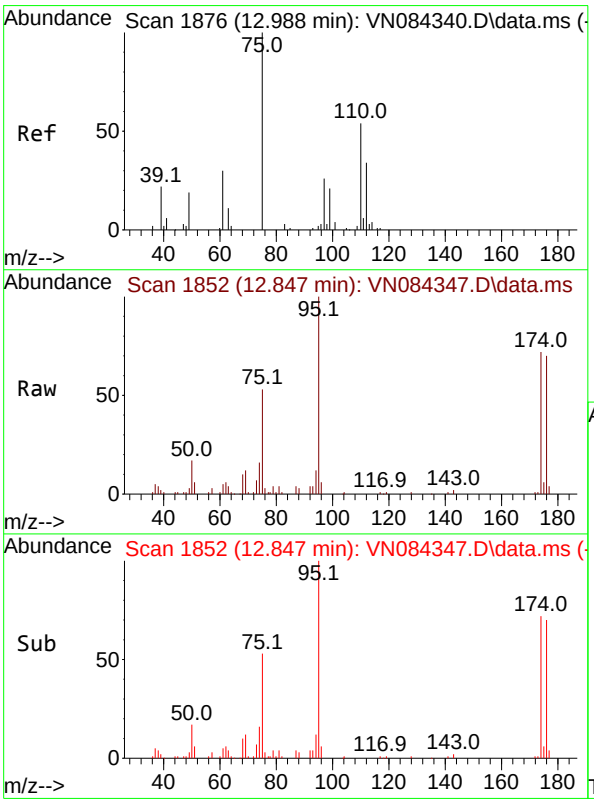
#63
Toluene-d8
Concen: 29.484 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN084347.D
Acq: 08 Oct 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 201067

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.5	78.7

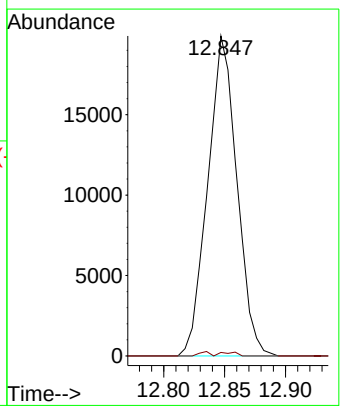


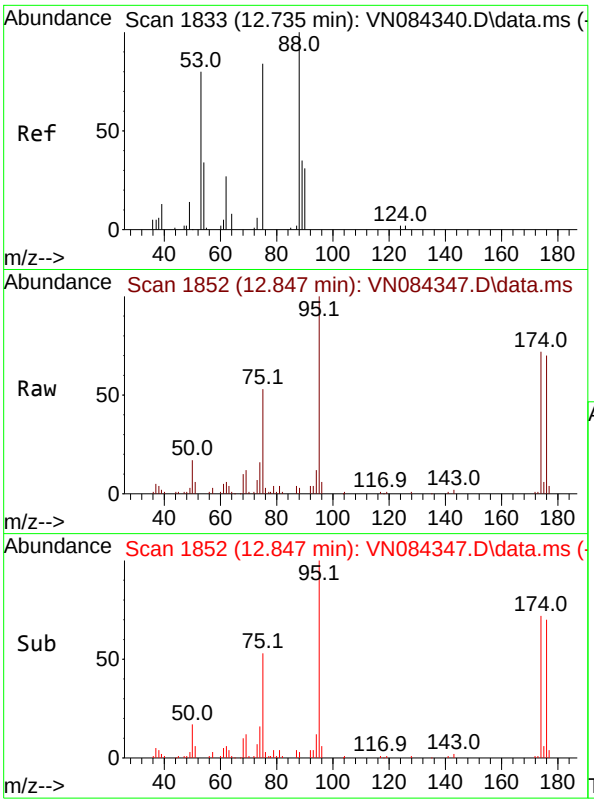


#72
1,2,3-Trichloropropane
Concen: 14.321 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084347.D
Acq: 08 Oct 2024 14:11

Tgt Ion: 75 Resp: 33160

Ion	Ratio	Lower	Upper
75	100		
77	0.7	0.0	414.0





#77
t-1,4-Dichloro-2-butene
Concen: 33.513 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN084347.D
Acq: 08 Oct 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 33160

Ion	Ratio	Lower	Upper
75	100		
53	0.0	47.3	142.0#
89	0.0	22.9	68.8#