Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017158.D
Acq On : 26 Jun 2020 04:24
Operator : SY/MD
Sample : L3068-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9F44

Quant Time: Jun 26 05:16:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 05:12:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	172364	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	168745	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76484	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	49109	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%			
7) Chloroethane-d5	1.58	69	38592	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.60%			
11) 1,1-Dichloroethene-d2	2.13	63	68375	3.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.40%			
20) 2-Butanone-d5	3.93	46	112059	42.50	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.00%			
24) Chloroform-d	4.38	84	105579	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.06	65	53615	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
32) Benzene-d6	5.08	84	189979	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
36) 1,2-Dichloropropane-d6	6.10	67	55458	4.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.60%			
41) Toluene-d8	7.34	98	163769	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
45) trans-1,3-Dichloropropene-	7.64	79	20461	3.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.00%			
48) 2-Hexanone-d5	8.11	63	77252	37.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 74.28%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38030	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	64754	4.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.60%			
Target Compounds						Qvalue
16) Methylene chloride	2.52	84	999	0.113	ug/L	88
25) Chloroform	4.41	83	58401	2.715	ug/L	96
35) Methylcyclohexane	6.10	83	14797	0.736	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7312	0.668	ug/L #	86
38) Bromodichloromethane	6.54	83	13745	0.925	ug/L	97
39) cis-1,3-Dichloropropene	7.01	75	1765	0.109	ug/L #	74
49) Tetrachloroethene	7.99	164	1047	0.101	ug/L #	86
50) 2-Hexanone	8.17	43	2357	0.524	ug/L #	91
51) Dibromochloromethane	8.27	129	4361	0.464	ug/L	100
62) Bromoform	9.75	173	1474	0.360	ug/L #	91
63) 1,3-Dichlorobenzene	11.30	146	2250	0.098	ug/L	93
64) 1,4-Dichlorobenzene	11.30	146	2250	0.096	ug/L	92

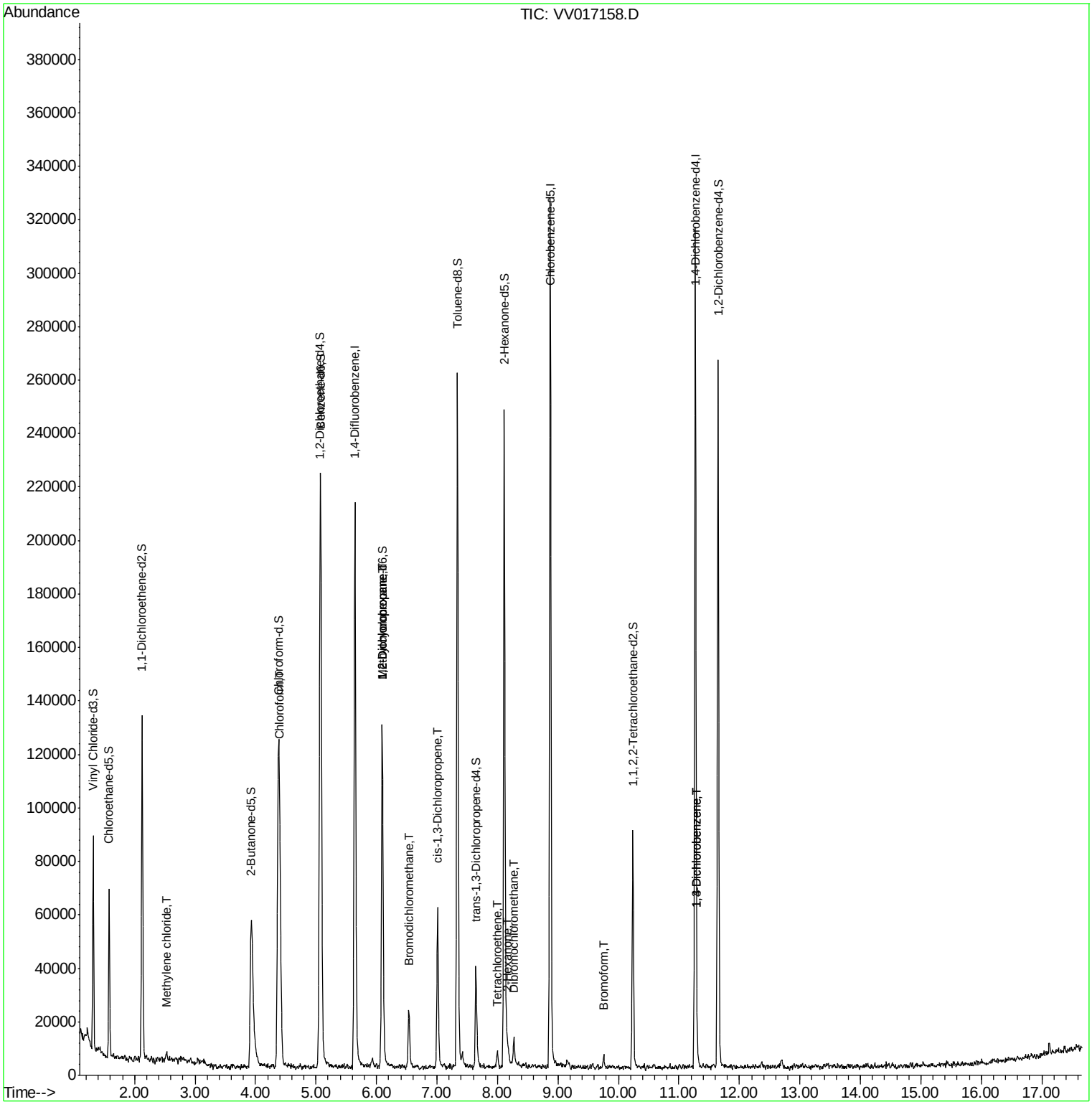
(#) = qualifier out of range (m) = manual integration (+) = signals summed

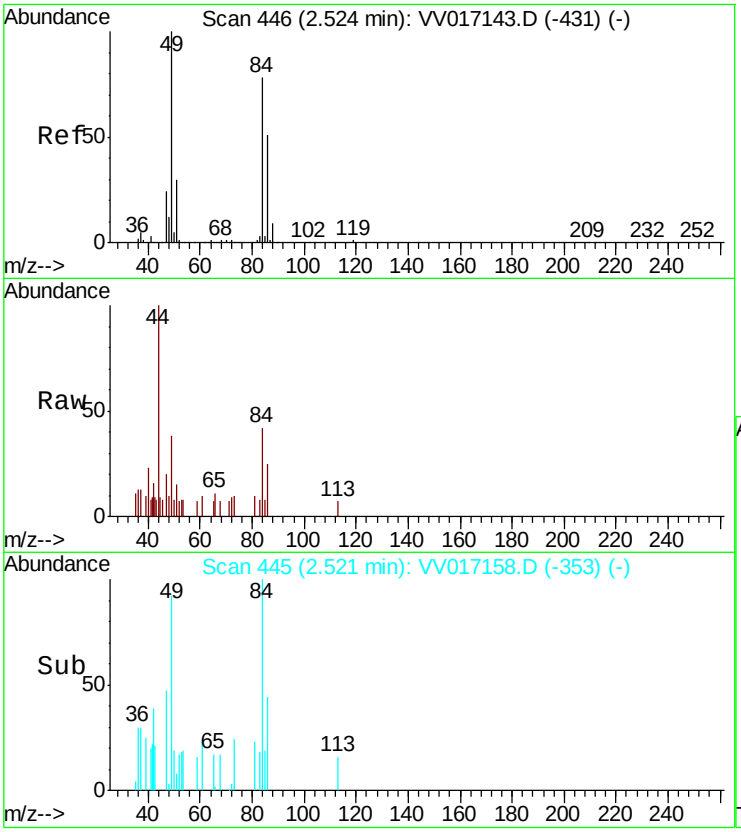
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017158.D
Acq On : 26 Jun 2020 04:24
Operator : SY/MD
Sample : L3068-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9F44

Quant Time: Jun 26 05:16:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 05:12:03 2020
Response via : Initial Calibration



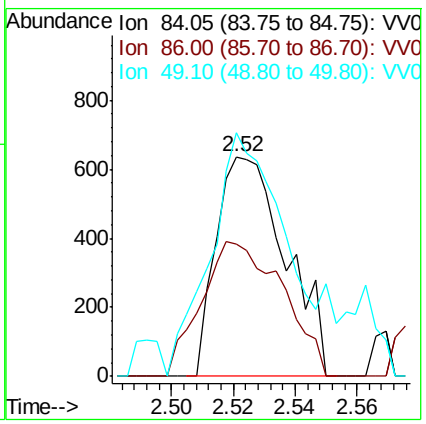


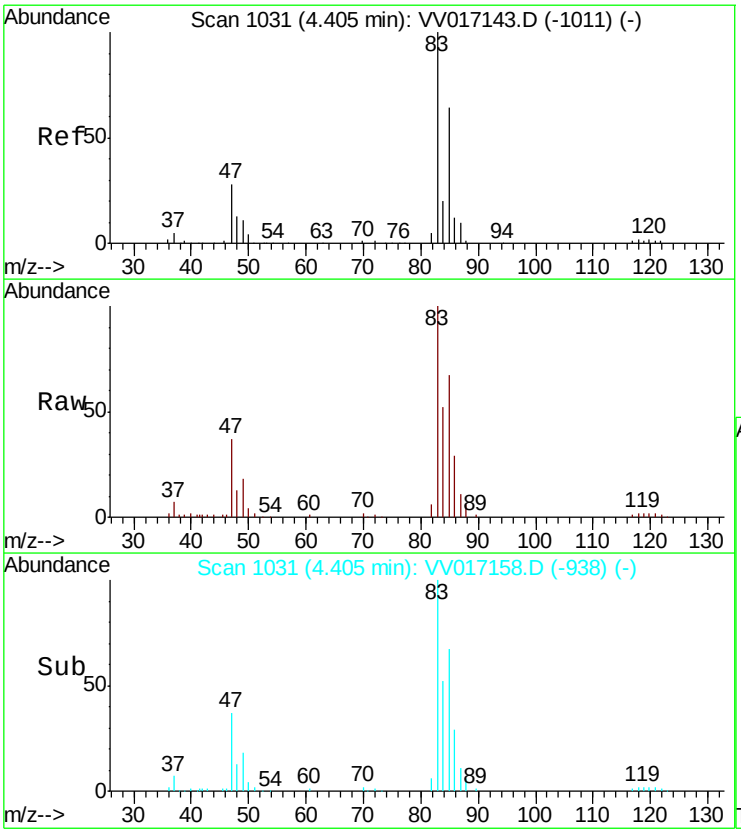
#16
Methylene chloride
Concen: 0.113 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV017158.D
Acq: 26 Jun 2020 04:24

Instrument : MSVOA_V
ClientSampleId : F9F44

Tgt Ion: 84 Resp: 999

Ion	Ratio	Lower	Upper
84	100		
86	60.5	45.8	85.0
49	111.0	89.6	166.4

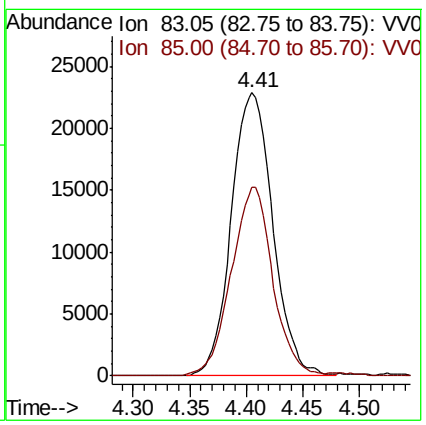


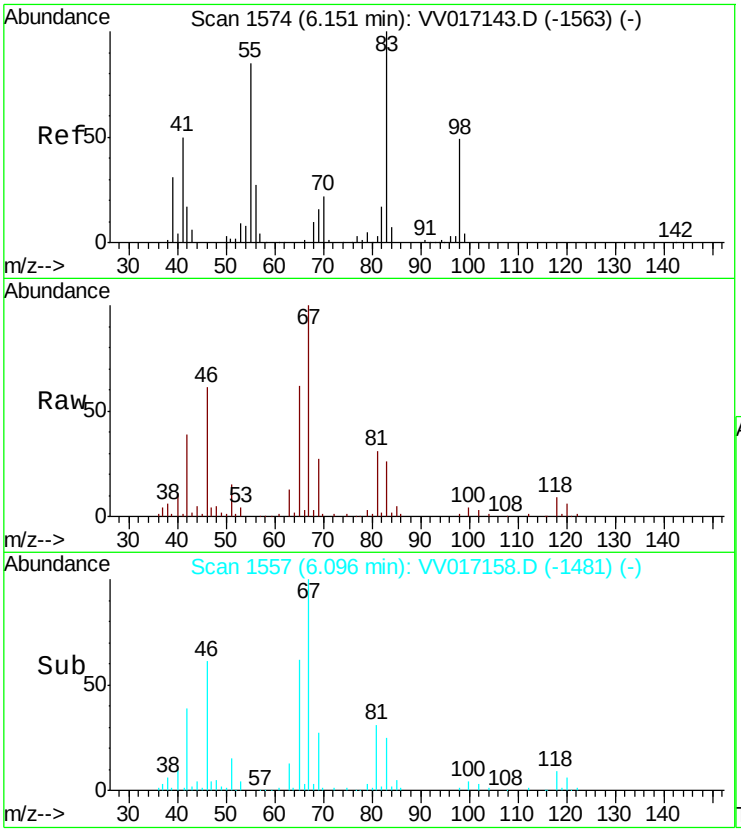


#25
Chloroform
Concen: 2.715 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV017158.D
Acq: 26 Jun 2020 04:24

Tgt Ion: 83 Resp: 58401

Ion	Ratio	Lower	Upper
83	100		
85	66.6	44.2	82.2



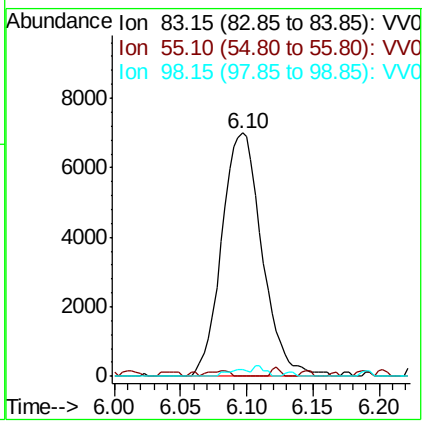


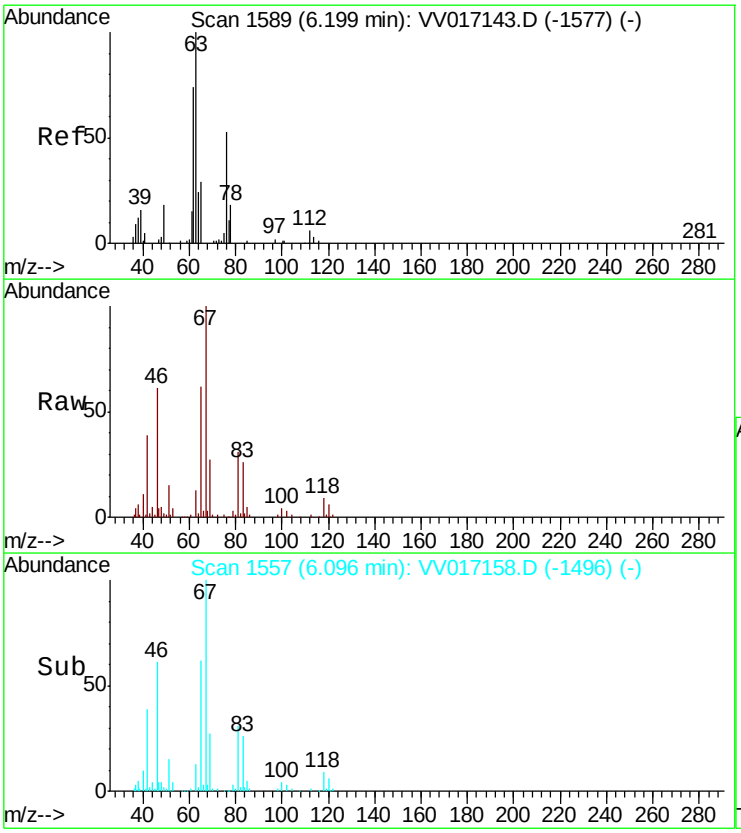
#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017158.D
Acq: 26 Jun 2020 04:24

Instrument :
MSVOA_V
ClientSampleId :
F9F44

Tgt Ion: 83 Resp: 14797

Ion	Ratio	Lower	Upper
83	100		
55	1.1	63.6	95.4#
98	1.5	38.8	58.2#

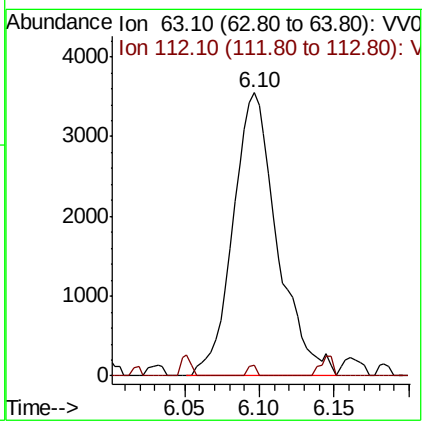


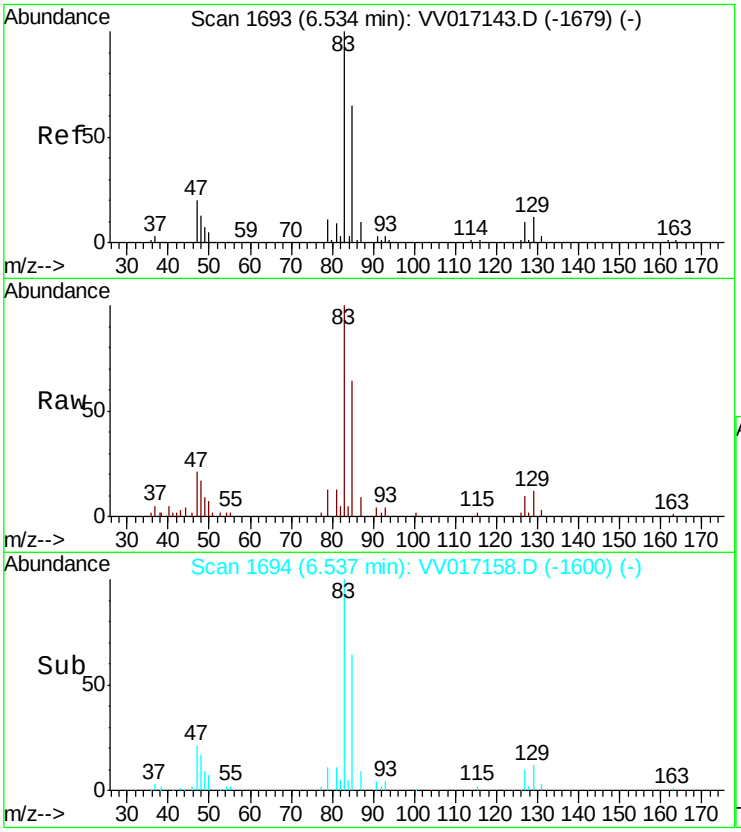


#37
1,2-Dichloropropane
Concen: 0.668 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017158.D
Acq: 26 Jun 2020 04:24

Tgt Ion: 63 Resp: 7312

Ion	Ratio	Lower	Upper
63	100		
112	0.7	4.4	6.6#



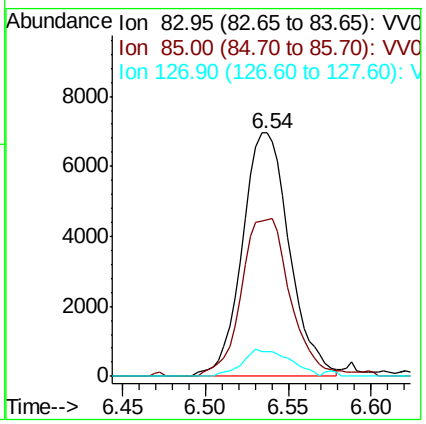


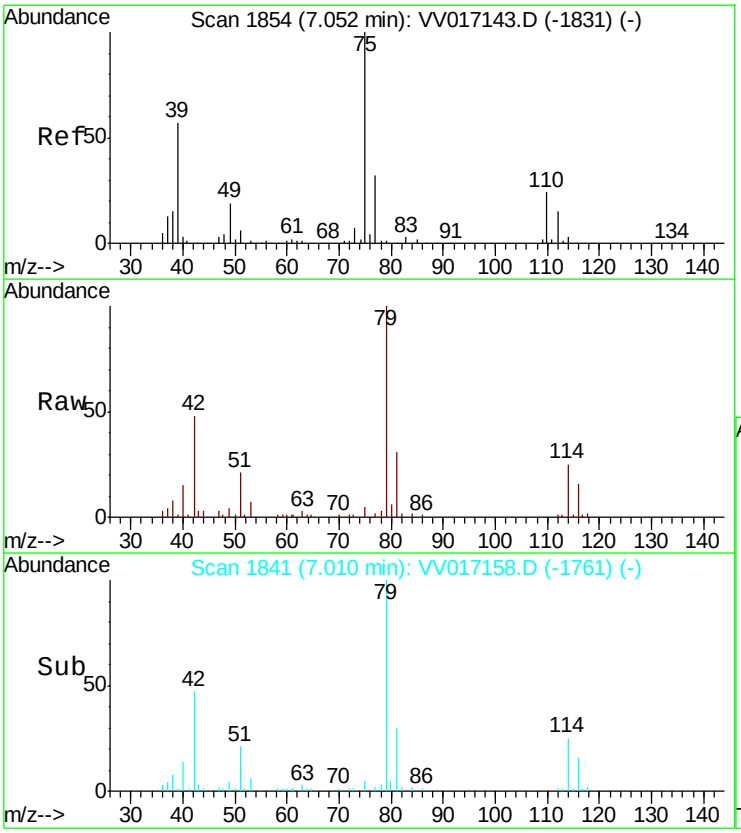
#38
Bromodichloromethane
Concen: 0.925 ug/L
RT: 6.54 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VV017158.D
Acq: 26 Jun 2020 04:24

Instrument :
MSVOA_V
ClientSampleId :
F9F44

Tgt Ion: 83 Resp: 13745

Ion	Ratio	Lower	Upper
83	100		
85	64.5	43.4	80.6
127	10.3	7.9	11.9

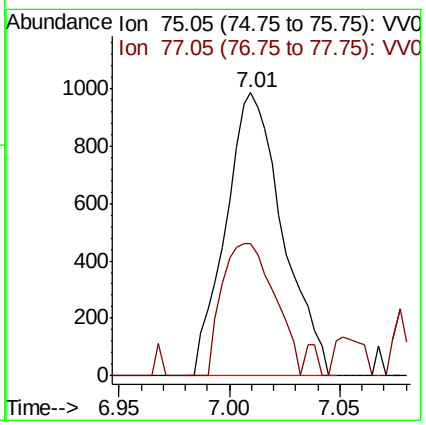


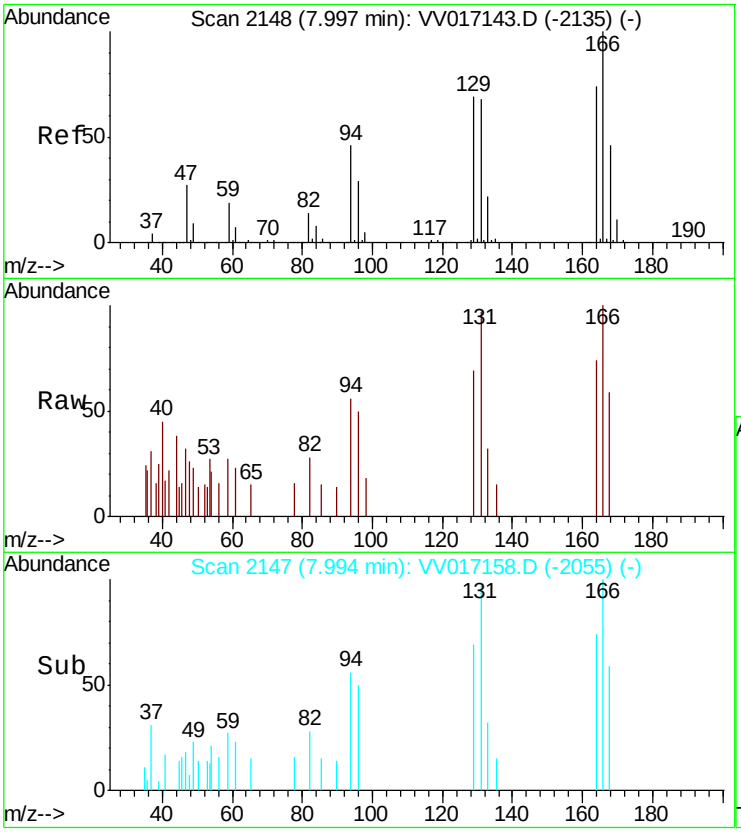


#39
cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017158.D
Acq: 26 Jun 2020 04:24

Tgt Ion: 75 Resp: 1765

Ion	Ratio	Lower	Upper
75	100		
77	46.6	22.3	41.5#



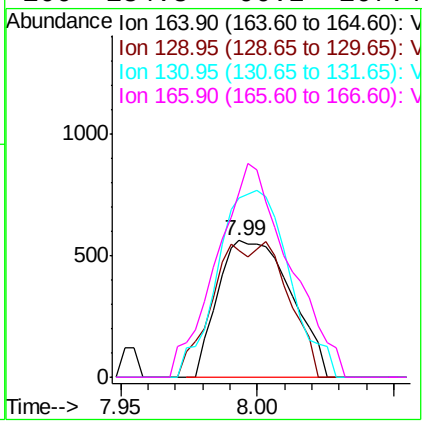


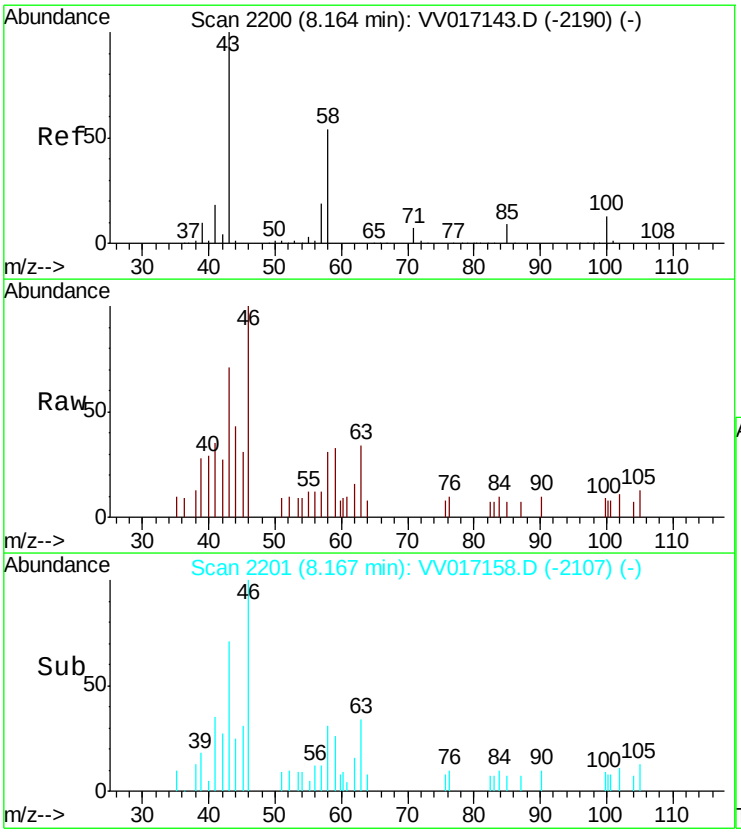
#49
Tetrachloroethene
Concen: 0.101 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV017158.D
Acq: 26 Jun 2020 04:24

Instrument : MSVOA_V
ClientSampleId : F9F44

Tgt Ion:164 Resp: 1047

Ion	Ratio	Lower	Upper
164	100		
129	92.7	65.2	121.0
131	130.6	64.1	119.1#
166	134.8	90.2	167.4

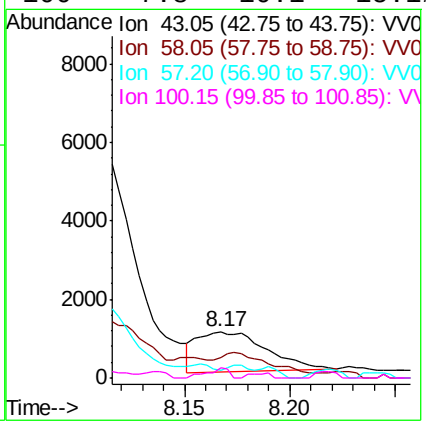


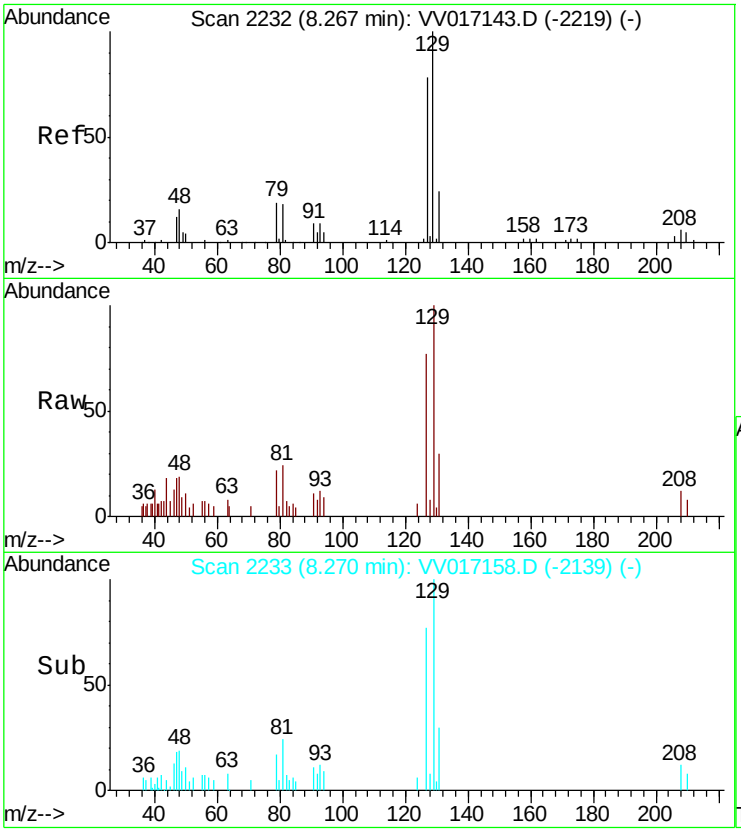


#50
2-Hexanone
Concen: 0.524 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV017158.D
Acq: 26 Jun 2020 04:24

Tgt Ion: 43 Resp: 2357

Ion	Ratio	Lower	Upper
43	100		
58	48.7	41.6	62.4
57	11.0	15.4	23.0#
100	7.8	10.1	15.1#



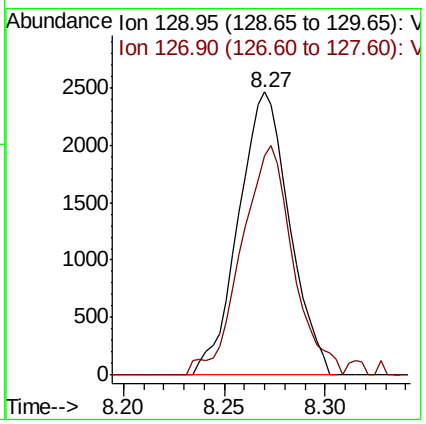


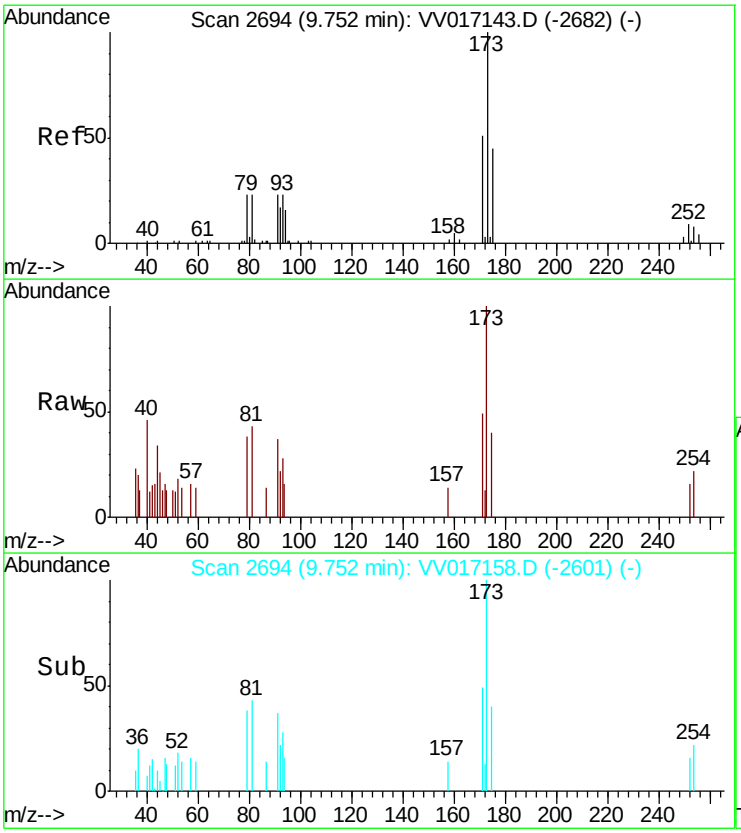
#51
Dibromochloromethane
Concen: 0.464 ug/L
RT: 8.27 min Scan# 2233
Delta R.T. 0.00 min
Lab File: VV017158.D
Acq: 26 Jun 2020 04:24

Instrument : MSVOA_V
ClientSampleId : F9F44

Tgt Ion:129 Resp: 4361

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.1	100.5

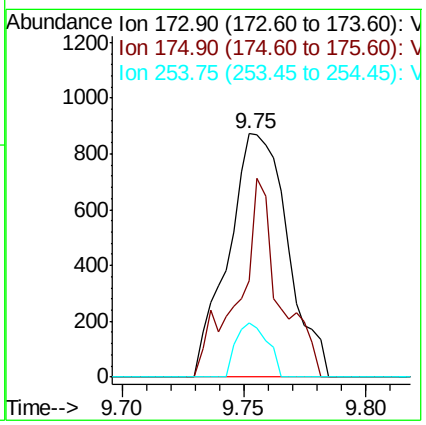


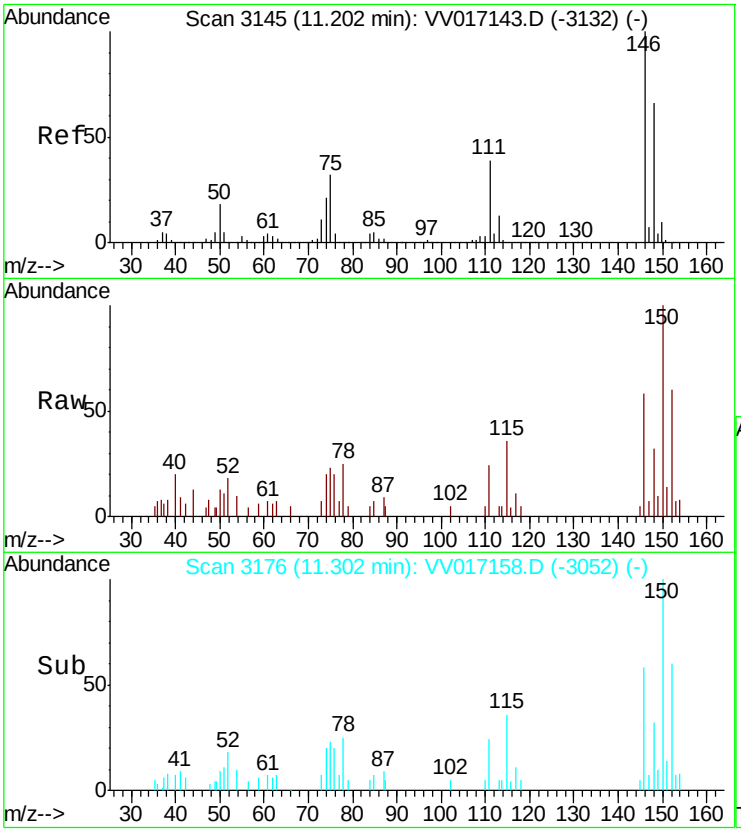


#62
Bromoform
Concen: 0.360 ug/L
RT: 9.75 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VV017158.D
Acq: 26 Jun 2020 04:24

Tgt Ion:173 Resp: 1474

Ion	Ratio	Lower	Upper
173	100		
175	55.8	39.4	59.2
254	11.7	7.4	11.2#



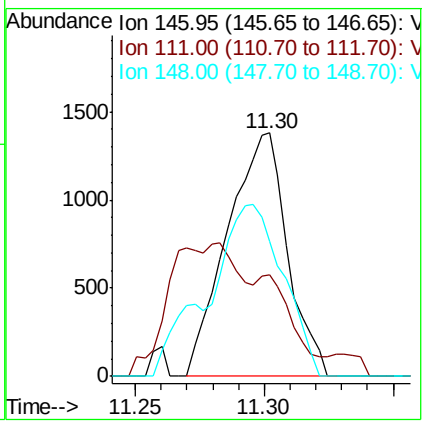


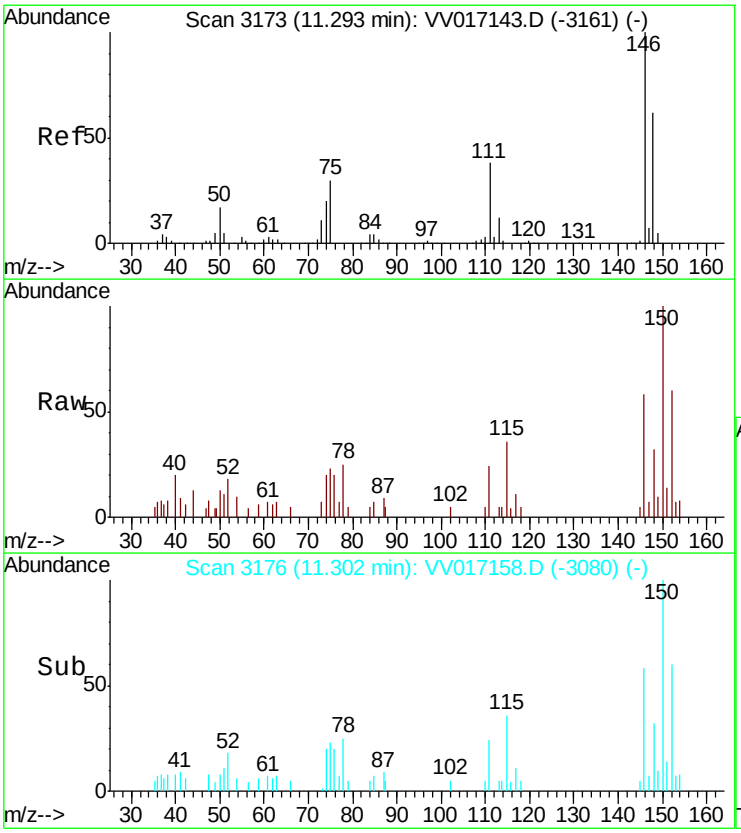
#63
1,3-Dichlorobenzene
Concen: 0.098 ug/L
RT: 11.30 min Scan# 3176
Delta R.T. 0.10 min
Lab File: VV017158.D
Acq: 26 Jun 2020 04:24

Instrument :
MSVOA_V
ClientSampleId :
F9F44

Tgt Ion:146 Resp: 2250

Ion	Ratio	Lower	Upper
146	100		
111	41.6	29.2	54.2
148	55.5	44.9	83.5





#64
1,4-Dichlorobenzene
Concen: 0.096 ug/L
RT: 11.30 min Scan# 3176
Delta R.T. 0.01 min
Lab File: VV017158.D
Acq: 26 Jun 2020 04:24

Tgt Ion:146 Resp: 2250

Ion	Ratio	Lower	Upper
146	100		
111	41.6	27.4	50.8
148	55.5	44.3	82.3