Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017159.D
Acq On : 26 Jun 2020 04:48
Operator : SY/MD
Sample : L3068-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9F51

Quant Time: Jun 26 05:17:03 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	167677	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167491	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75557	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	49781	4.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.00%			
7) Chloroethane-d5	1.58	69	40270	5.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.00%			
11) 1,1-Dichloroethene-d2	2.13	63	72450	3.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.60%			
20) 2-Butanone-d5	3.94	46	118850	46.34	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.68%			
24) Chloroform-d	4.38	84	108228	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.06	65	57579	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.08	84	197807	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.10	67	58065	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.20%			
41) Toluene-d8	7.34	98	171828	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.40%			
45) trans-1,3-Dichloropropene-	7.65	79	22026	4.07	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.40%			
48) 2-Hexanone-d5	8.11	63	82973	40.19	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.38%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40615	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	68178	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.60%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	807	0.091	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	860	0.107	ug/L #	1
16) Methylene chloride	2.53	84	1205	0.140	ug/L #	90
25) Chloroform	4.40	83	20741	0.991	ug/L	91
35) Methylcyclohexane	6.09	83	14985	0.751	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7847	0.723	ug/L #	88
38) Bromodichloromethane	6.54	83	17717	1.201	ug/L	94
39) cis-1,3-Dichloropropene	7.01	75	1797	0.111	ug/L #	67
49) Tetrachloroethene	8.00	164	1793	0.173	ug/L	89
50) 2-Hexanone	8.17	43	2294	0.514	ug/L #	79

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

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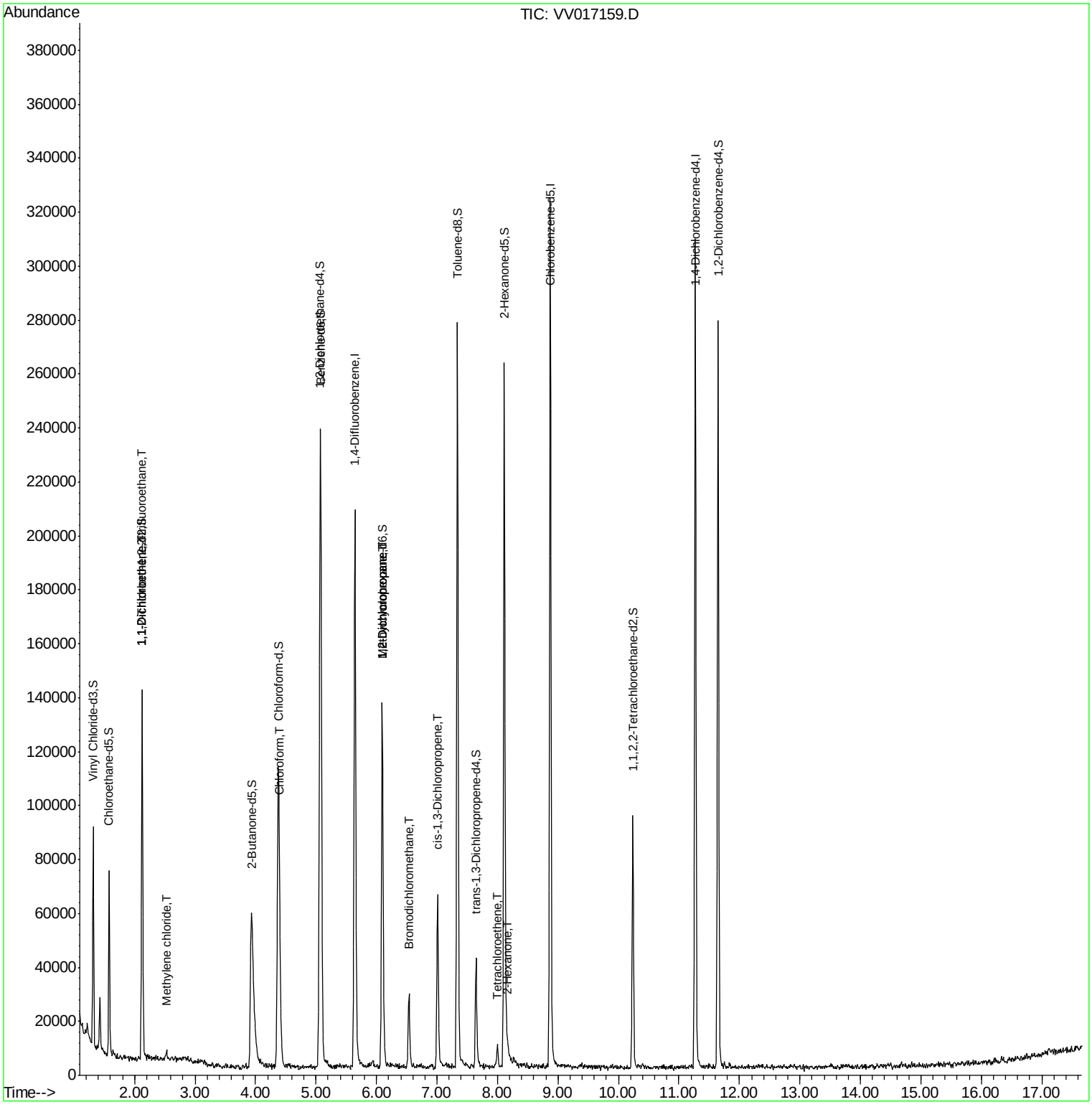
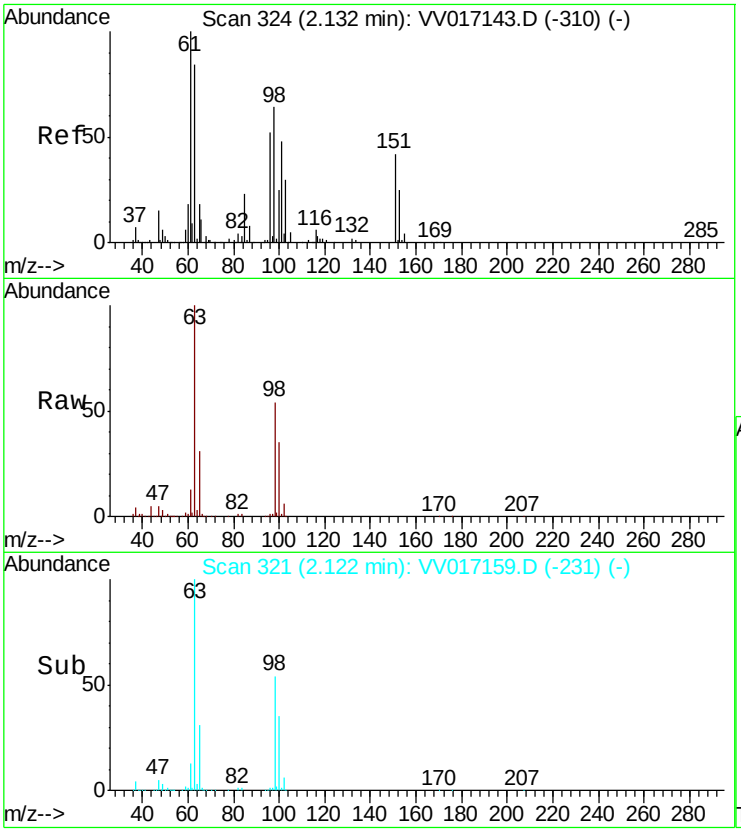
Instrument : MSVOA_V
ClientSampleId : F9F51

Quant Time: Jun 26 05:17:03 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



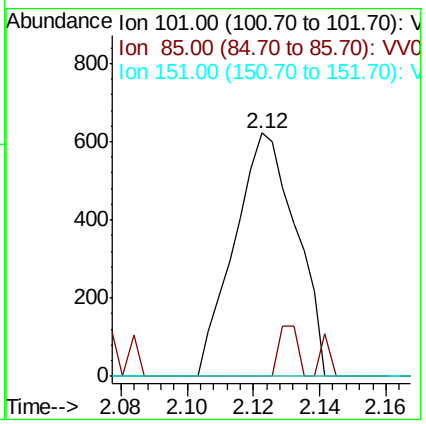


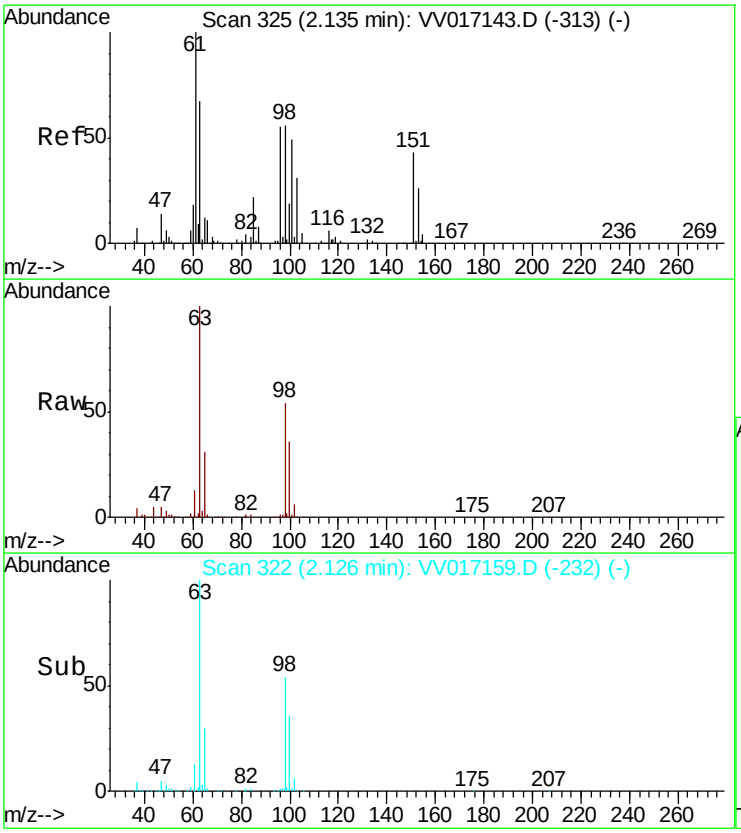
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.091 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017159.D
Acq: 26 Jun 2020 04:48

Instrument :
MSVOA_V
ClientSampleId :
F9F51

Tgt Ion:101 Resp: 807

Ion	Ratio	Lower	Upper
101	100		
85	6.1	35.4	53.2#
151	0.0	63.9	95.9#

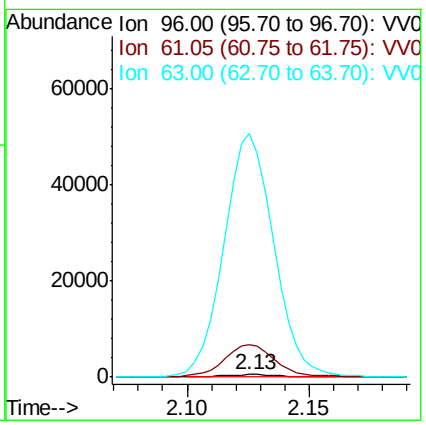


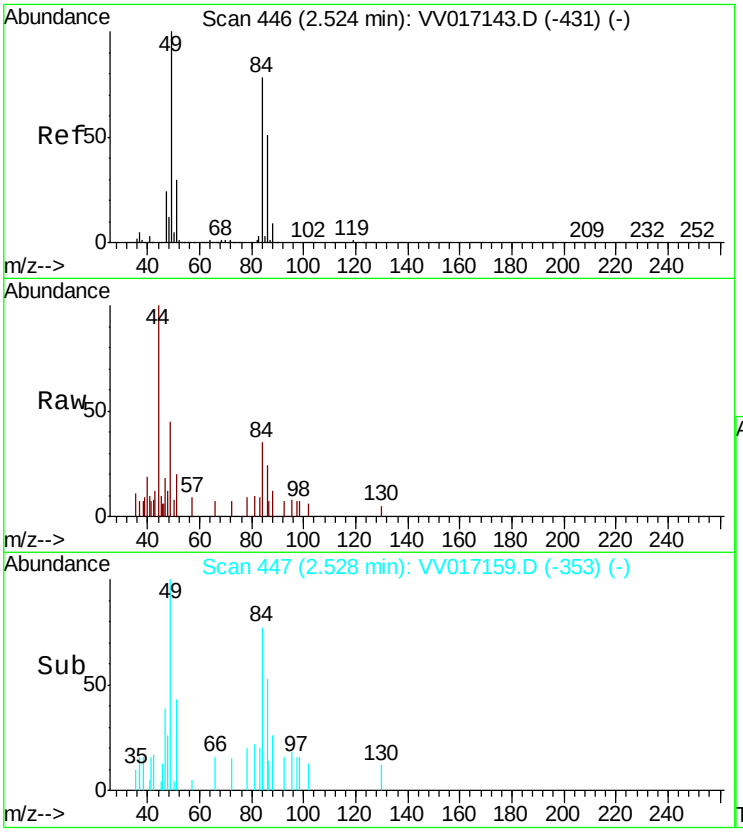


#12
1,1-Dichloroethene
Concen: 0.107 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV017159.D
Acq: 26 Jun 2020 04:48

Tgt Ion: 96 Resp: 860

Ion	Ratio	Lower	Upper
96	100		
61	1288.9	125.0	232.2#
63	9554.8	109.8	203.8#



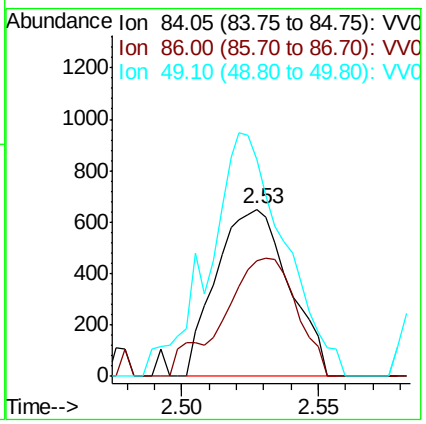


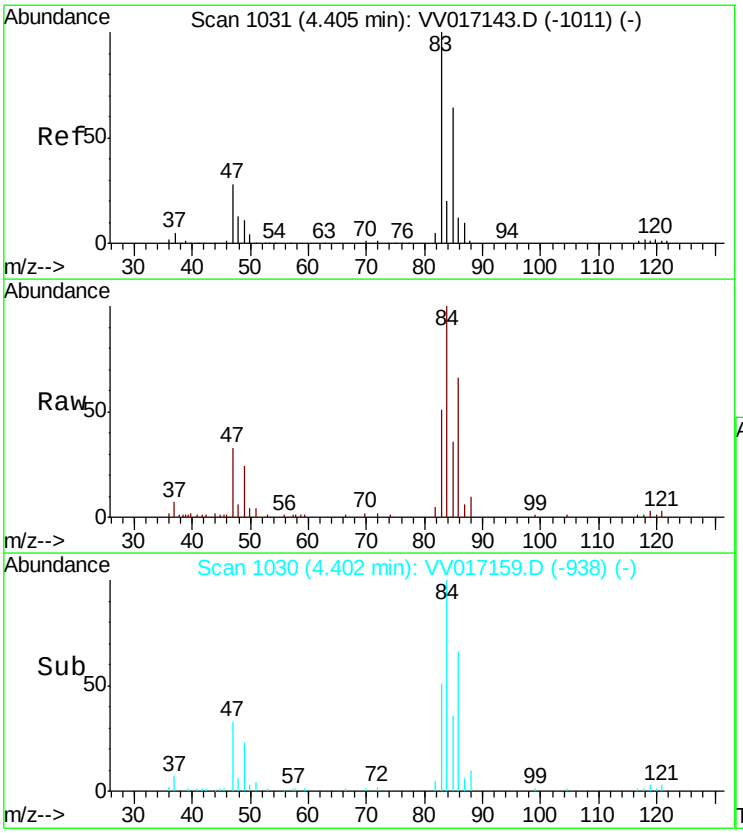
#16
Methylene chloride
Concen: 0.140 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV017159.D
Acq: 26 Jun 2020 04:48

Instrument : MSVOA_V
ClientSampleId : F9F51

Tgt Ion: 84 Resp: 1205

Ion	Ratio	Lower	Upper
84	100		
86	87.9	45.8	85.0#
49	129.5	89.6	166.4

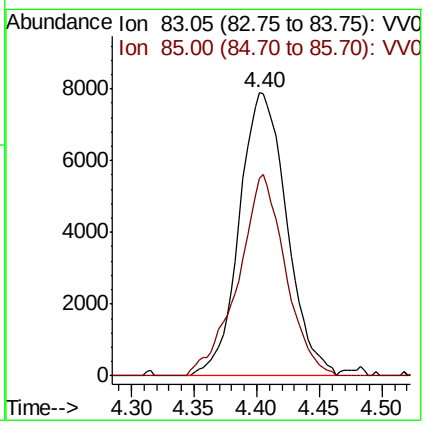


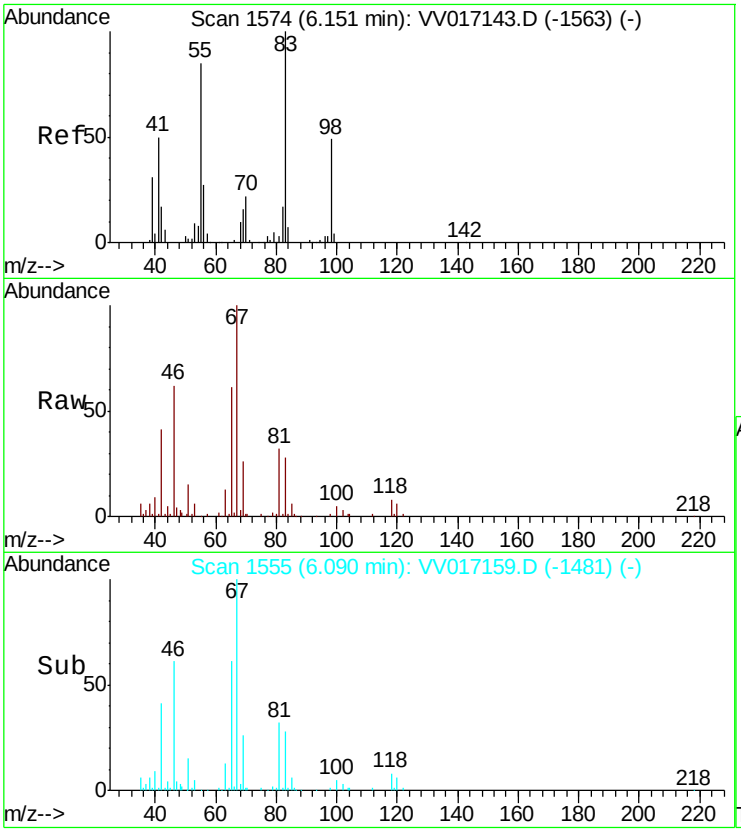


#25
Chloroform
Concen: 0.991 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV017159.D
Acq: 26 Jun 2020 04:48

Tgt Ion: 83 Resp: 20741

Ion	Ratio	Lower	Upper
83	100		
85	70.0	44.2	82.2



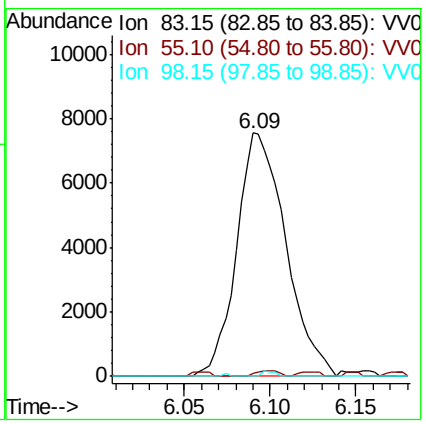


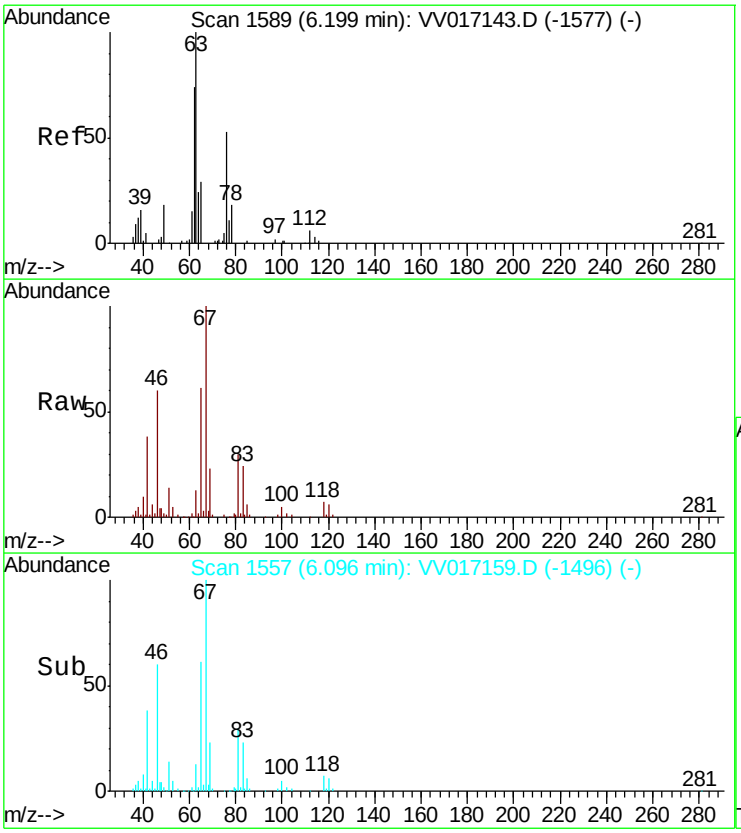
#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV017159.D
Acq: 26 Jun 2020 04:48

Instrument :
MSVOA_V
ClientSampleId :
F9F51

Tgt Ion: 83 Resp: 14985

Ion	Ratio	Lower	Upper
83	100		
55	1.1	63.6	95.4#
98	0.6	38.8	58.2#

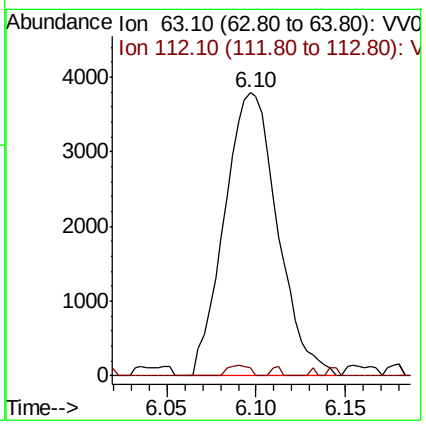


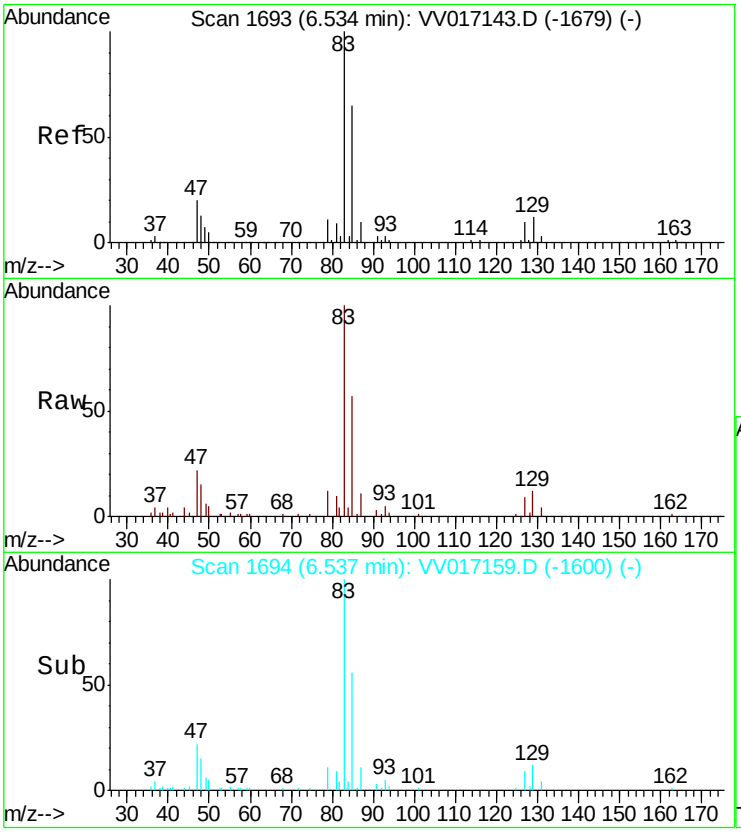


#37
1,2-Dichloropropane
Concen: 0.723 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017159.D
Acq: 26 Jun 2020 04:48

Tgt Ion: 63 Resp: 7847

Ion	Ratio	Lower	Upper
63	100		
112	1.5	4.4	6.6#



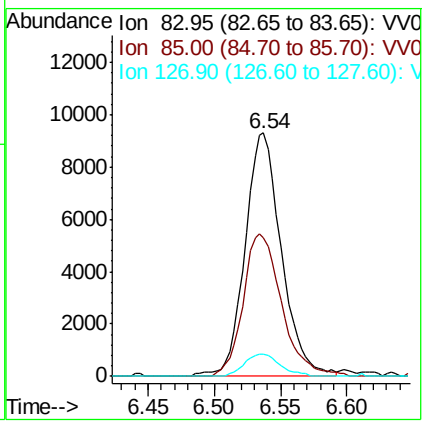


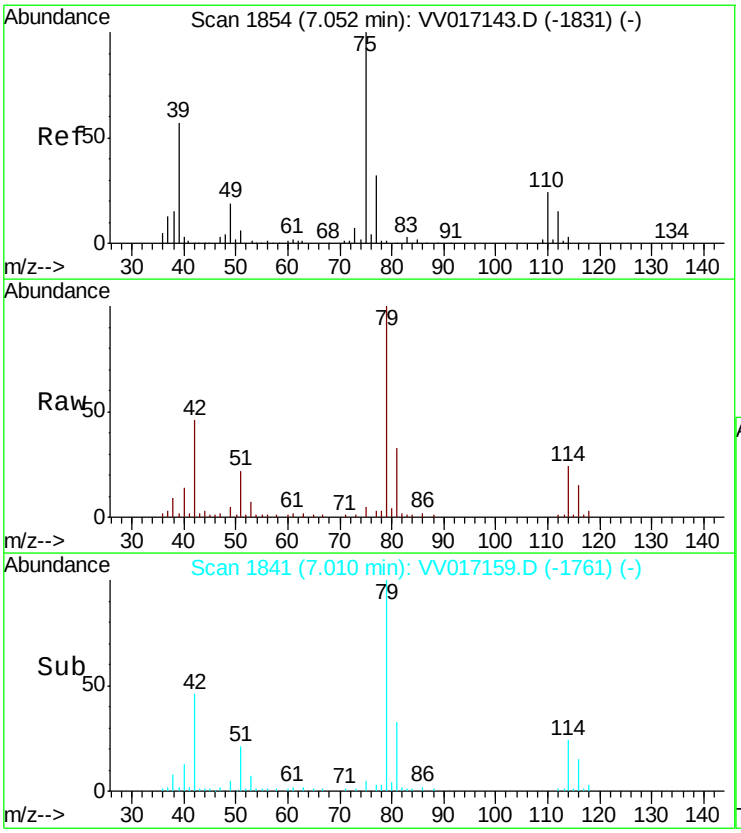
#38
Bromodichloromethane
Concen: 1.201 ug/L
RT: 6.54 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VV017159.D
Acq: 26 Jun 2020 04:48

Instrument :
MSVOA_V
ClientSampleId :
F9F51

Tgt Ion: 83 Resp: 17717

Ion	Ratio	Lower	Upper
83	100		
85	57.1	43.4	80.6
127	9.1	7.9	11.9

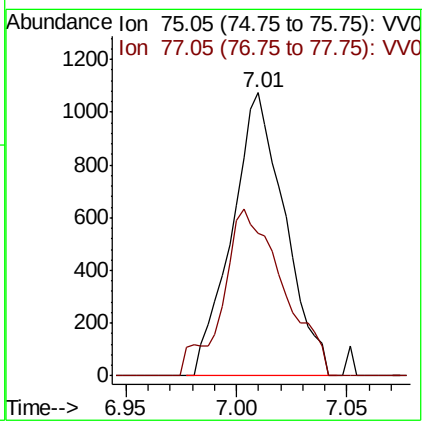


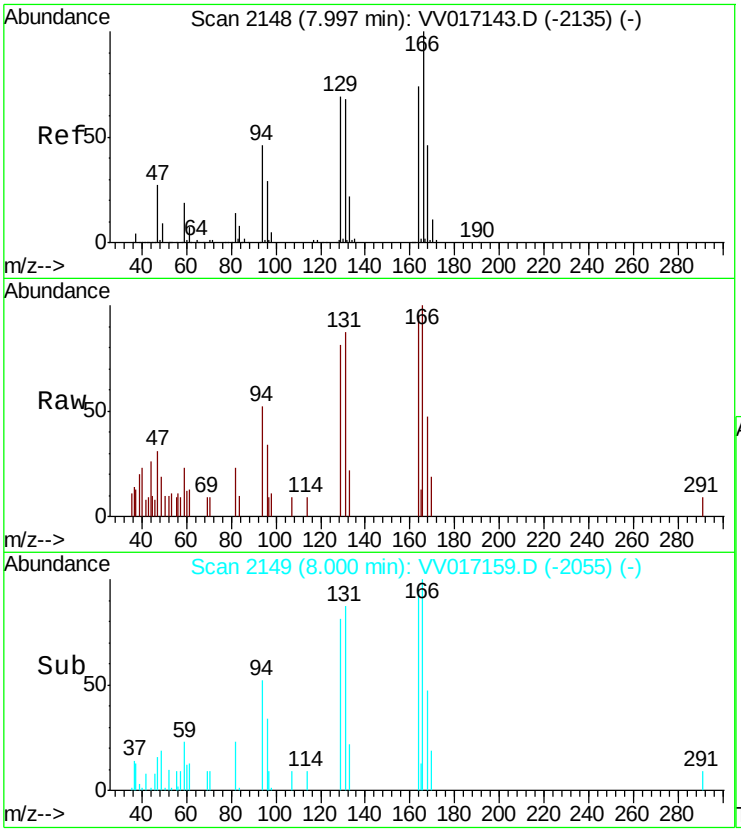


#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017159.D
Acq: 26 Jun 2020 04:48

Tgt Ion: 75 Resp: 1797

Ion	Ratio	Lower	Upper
75	100		
77	50.2	22.3	41.5#



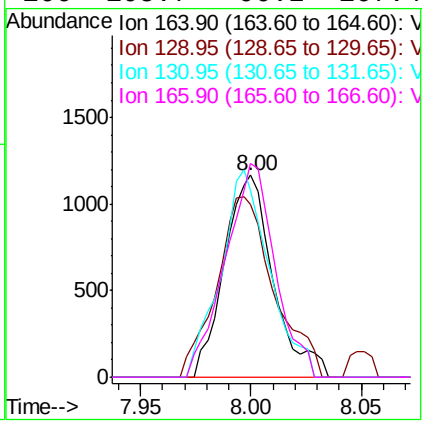


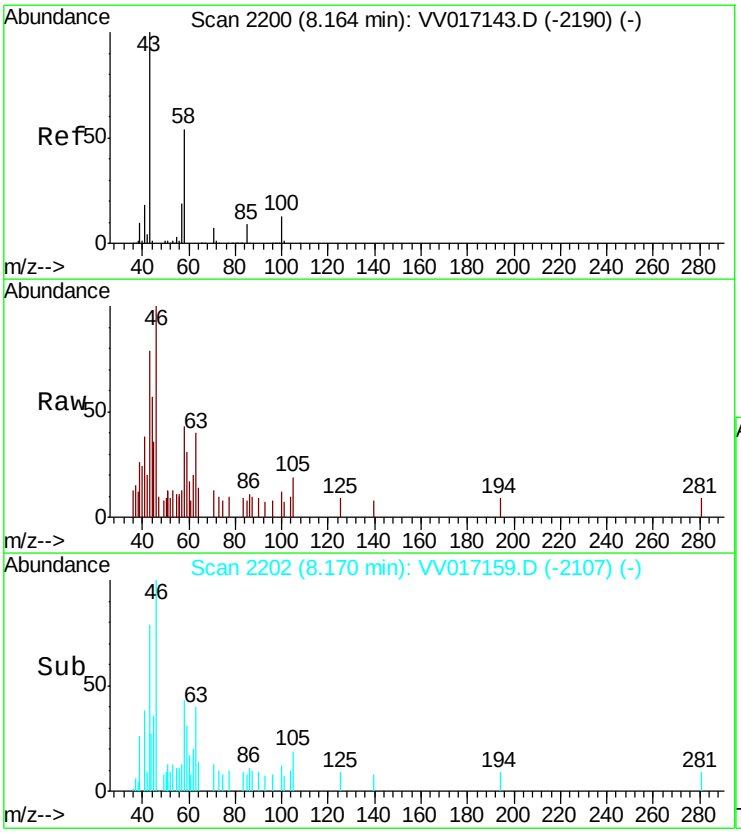
#49
Tetrachloroethene
Concen: 0.173 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV017159.D
Acq: 26 Jun 2020 04:48

Instrument :
MSVOA_V
ClientSampleId :
F9F51

Tgt Ion:164 Resp: 1793

Ion	Ratio	Lower	Upper
164	100		
129	85.3	65.2	121.0
131	92.3	64.1	119.1
166	105.7	90.2	167.4





#50
2-Hexanone
Concen: 0.514 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV017159.D
Acq: 26 Jun 2020 04:48

Tgt Ion: 43 Resp: 2294

Ion	Ratio	Lower	Upper
43	100		
58	40.1	41.6	62.4#
57	0.0	15.4	23.0#
100	10.2	10.1	15.1