Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

Quantitation Report (Not Reviewed)

Data File : VV011280.D
Acq On : 07 Jun 2019 08:39
Operator : SY/MD
Sample : K3228-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P03

Quant Time: Jun 08 00:04:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:01:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	151975	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	140212	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58565	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50328	4.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%			
7) Chloroethane-d5	1.56	69	41558	4.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.80%			
11) 1,1-Dichloroethene-d2	2.12	63	81125	3.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.60%			
20) 2-Butanone-d5	3.94	46	144842	55.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.74%			
24) Chloroform-d	4.40	84	93885	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.08	65	55107	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
32) Benzene-d6	5.09	84	191916	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
36) 1,2-Dichloropropane-d6	6.12	67	60840	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.36	98	170467	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
43) trans-1,3-Dichloropropene-	7.66	79	18224	3.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.00%			
46) 2-Hexanone-d5	8.13	63	117687	56.56	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.12%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43240	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	56838	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
8) Chloroethane	1.58	64	7276	0.814	ug/L #	61
25) Chloroform	4.43	83	11156	0.511	ug/L	98
34) Trichloroethene	5.96	95	1740	0.151	ug/L #	63
35) Methylcyclohexane	6.12	83	15258	0.800	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7481	0.674	ug/L #	86
38) Bromodichloromethane	6.55	83	4201	0.306	ug/L	94
47) Tetrachloroethene	8.02	164	922	0.111	ug/L	89

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

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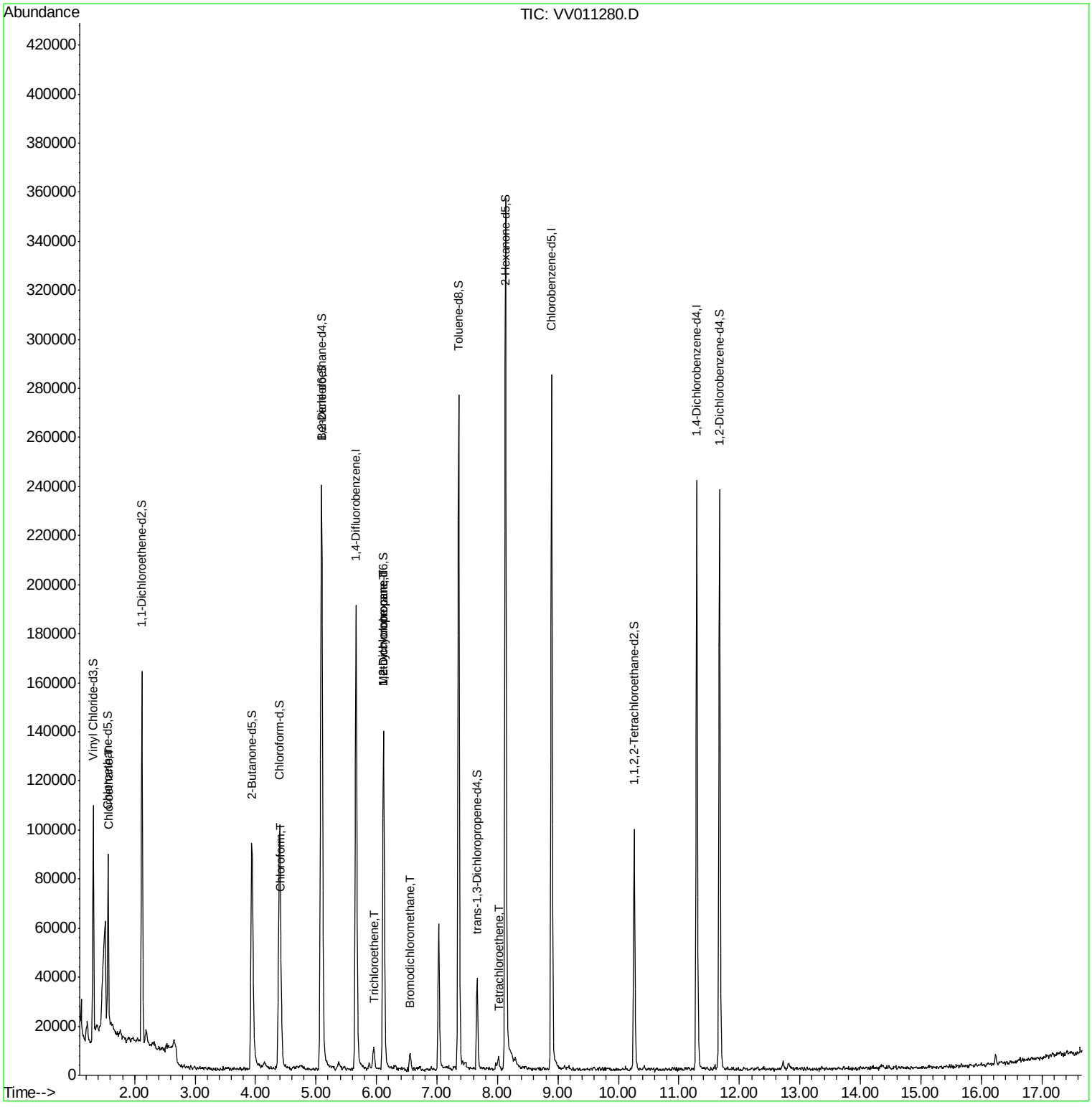
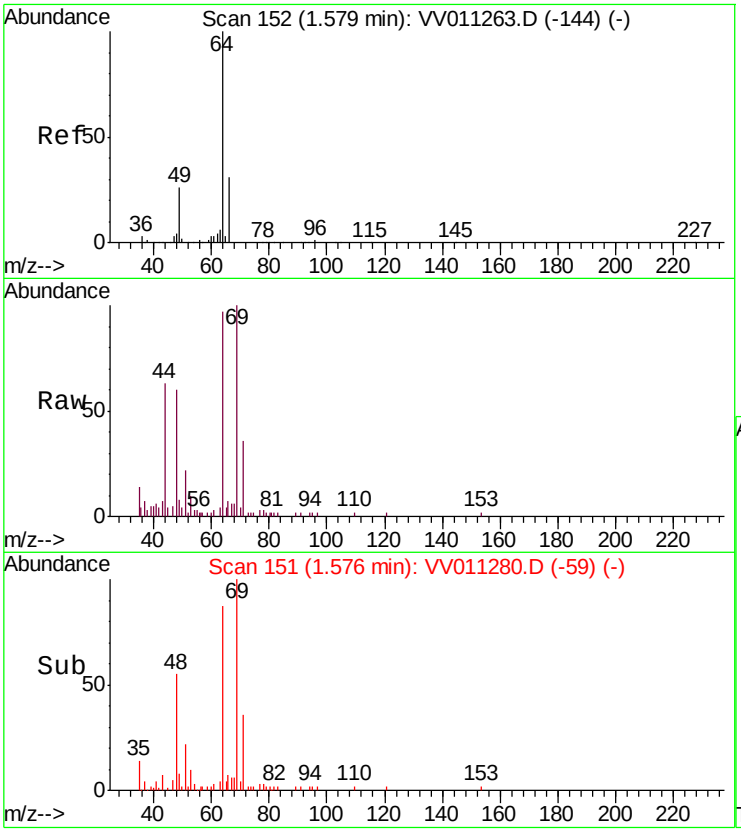
QLast Update : Sat Jun 08 00:01:28 2019
Response via : Initial Calibration



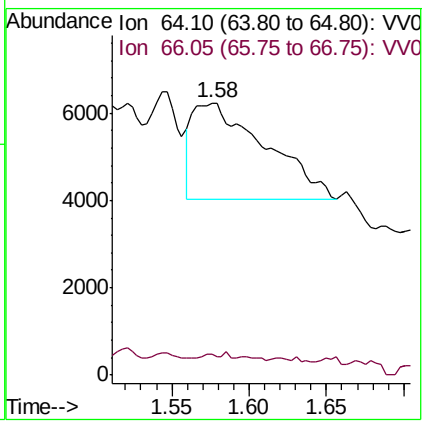


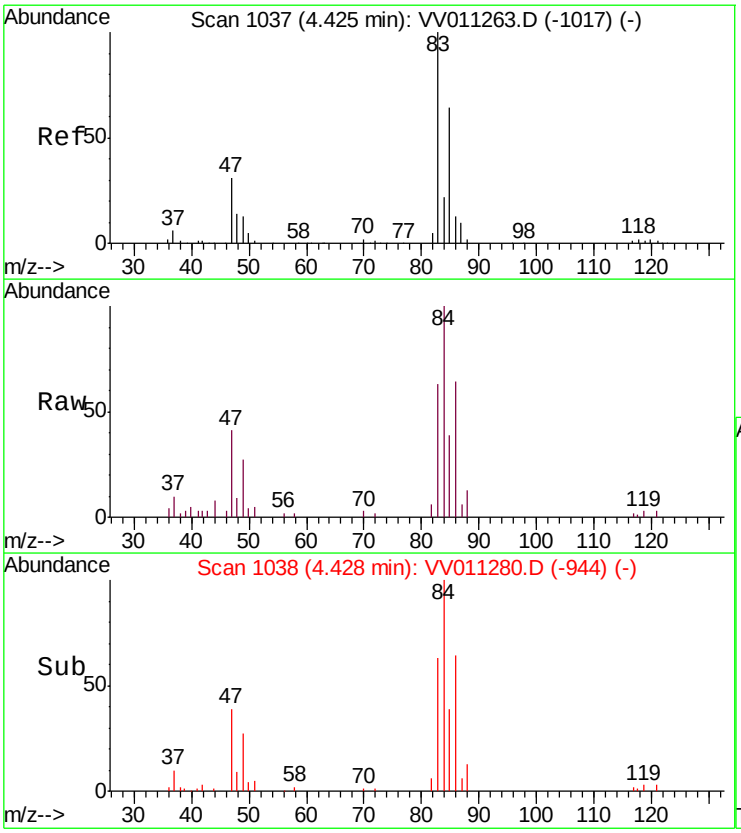
#8
Chloroethane
Concen: 0.814 ug/L
RT: 1.58 min Scan# 151
Delta R.T. -0.00 min
Lab File: VV011280.D
Acq: 07 Jun 2019 08:39

Instrument : MSVOA_V
ClientSampleId : F9P03

Tgt Ion: 64 Resp: 7276

Ion	Ratio	Lower	Upper
64	100		
66	7.5	19.4	36.0#

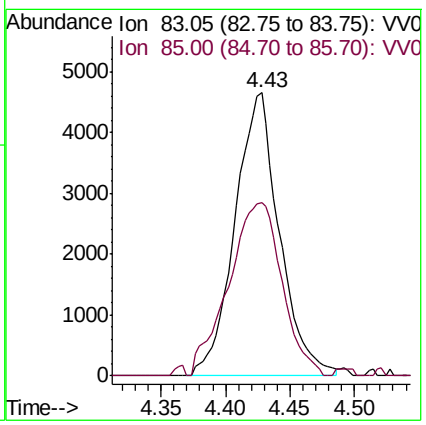


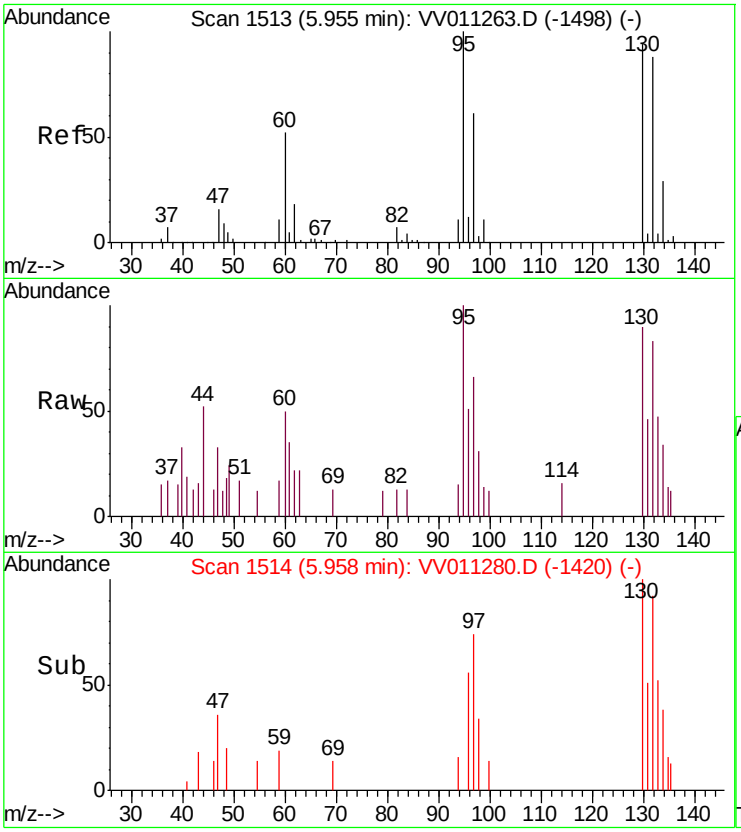


#25
Chloroform
Concen: 0.511 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV011280.D
Acq: 07 Jun 2019 08:39

Tgt Ion: 83 Resp: 11156

Ion	Ratio	Lower	Upper
83	100		
85	61.4	44.1	81.9



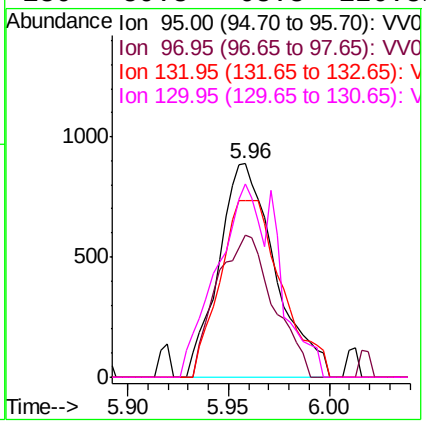


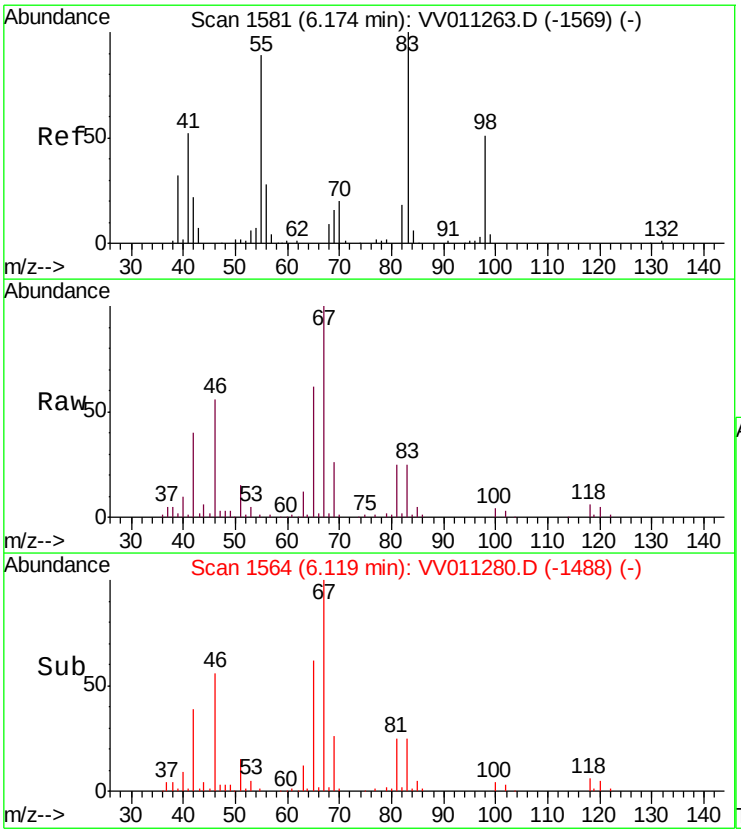
#34
Trichloroethene
Concen: 0.151 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011280.D
Acq: 07 Jun 2019 08:39

Instrument :
MSVOA_V
ClientSampleId :
F9P03

Tgt Ion: 95 Resp: 1740

Ion	Ratio	Lower	Upper
95	100		
97	44.0	45.8	85.2#
132	54.7	66.4	123.2#
130	59.8	68.3	126.8#

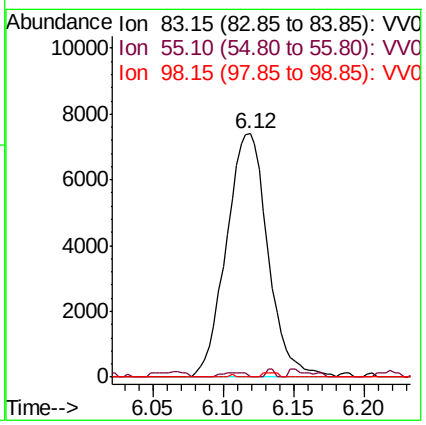


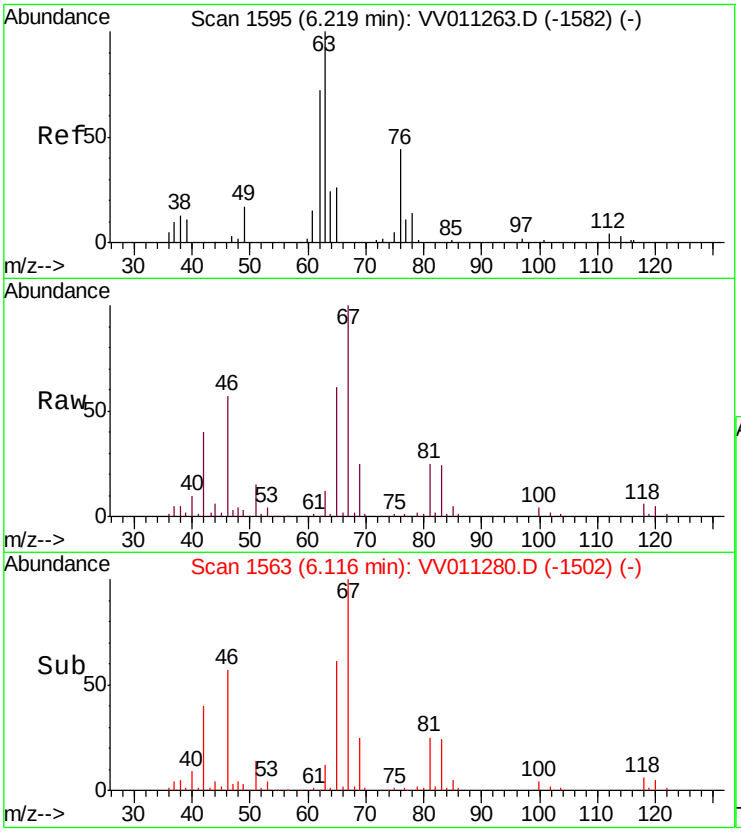


#35
Methylcyclohexane
Concen: 0.800 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011280.D
Acq: 07 Jun 2019 08:39

Tgt Ion: 83 Resp: 15258

Ion	Ratio	Lower	Upper
83	100		
55	1.1	67.0	100.6#
98	0.1	40.0	60.0#



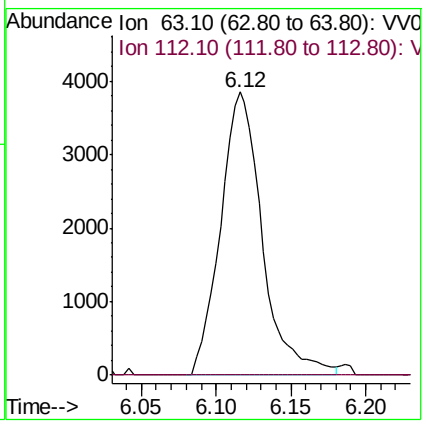


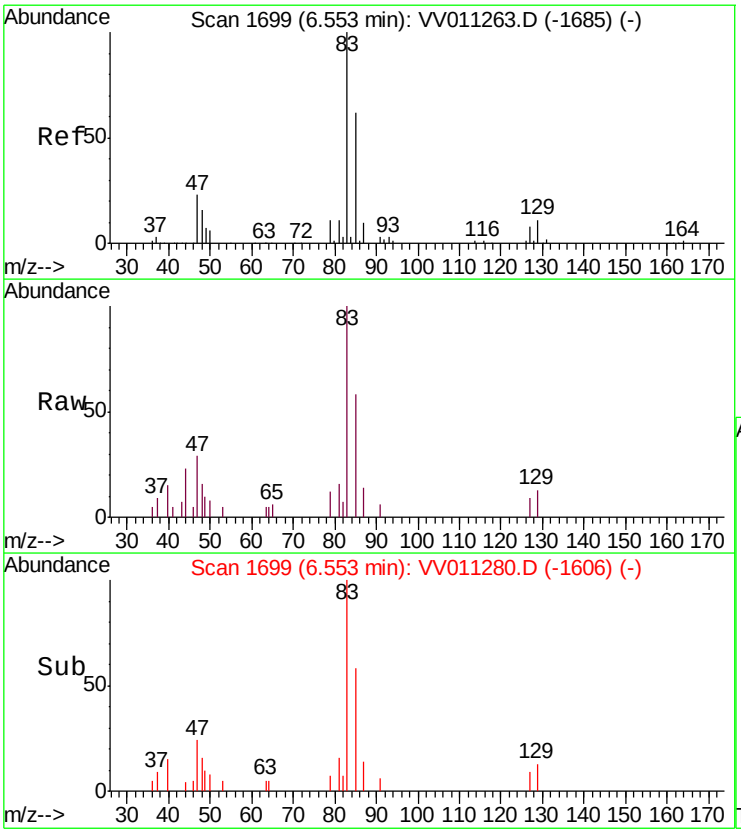
#37
1,2-Dichloropropane
Concen: 0.674 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011280.D
Acq: 07 Jun 2019 08:39

Instrument :
MSVOA_V
ClientSampleId :
F9P03

Tgt Ion: 63 Resp: 7481

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

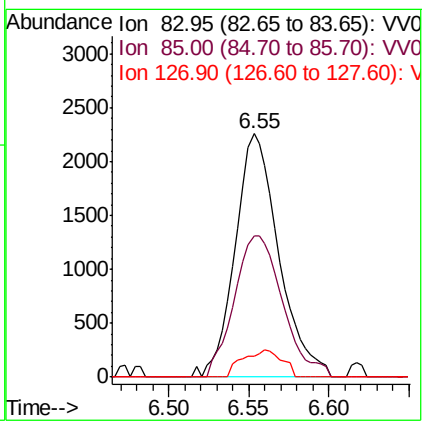


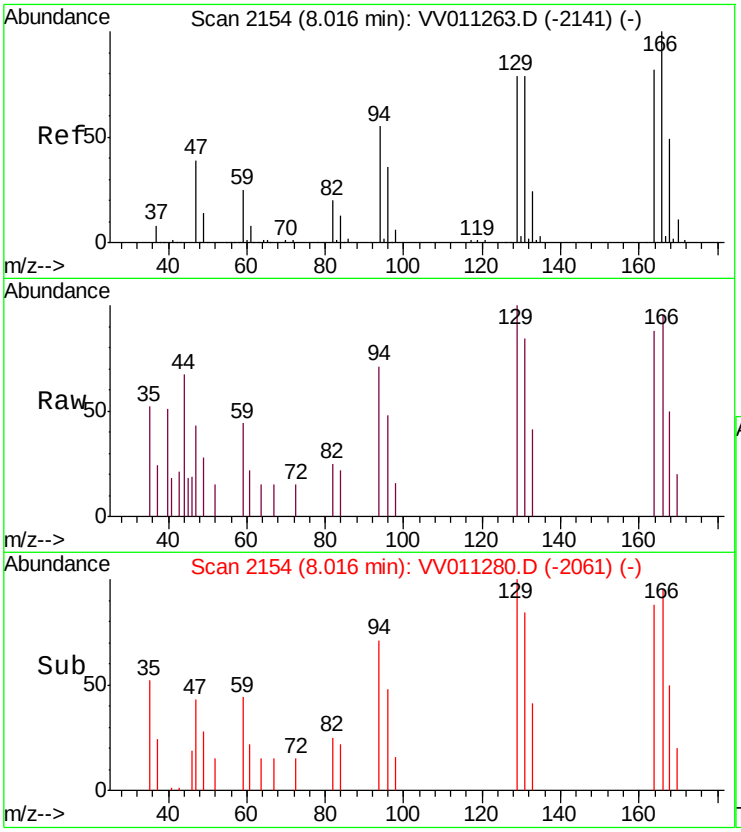


#38
Bromodichloromethane
Concen: 0.306 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VV011280.D
Acq: 07 Jun 2019 08:39

Tgt Ion: 83 Resp: 4201

Ion	Ratio	Lower	Upper
83	100		
85	57.9	44.5	82.7
127	8.8	7.0	10.4





#47
Tetrachloroethene
Concen: 0.111 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV011280.D
Acq: 07 Jun 2019 08:39

Instrument :
MSVOA_V
ClientSampleId :
F9P03

Tgt Ion:164 Resp: 922

Ion	Ratio	Lower	Upper
164	100		
129	113.5	69.9	129.9
131	95.7	66.8	124.2
166	108.2	90.2	167.6