Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (Not Reviewed)

Data File : VV010899.D
Acq On : 15 May 2019 13:56
Operator : SY/MD
Sample : K2788-12
Misc : 5.78G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51A1

Quant Time: May 16 07:29:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 07:25:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	52419	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	51128	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	20939	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	15456	23.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.56%			
7) Chloroethane-d5	1.58	69	10835	24.89	ug/L	0.03
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.56%			
10) 1,1-Dichloroethene-d2	2.13	63	22444	17.76	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.04%			
20) 2-Butanone-d5	3.94	46	14969	71.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 142.48%#			
24) Chloroform-d	4.40	84	33818	22.35	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.40%			
26) 1,2-Dichloroethane-d4	5.08	65	21885	25.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.76%			
29) Benzene-d6	5.10	84	66521	23.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.04%			
33) 1,2-Dichloropropane-d6	6.12	67	22195	24.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.32%			
37) Toluene-d8	7.36	98	53648	19.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.92%			
38) trans-1,3-Dichloropropene-	7.67	79	8152	20.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.80%			
39) 2-Hexanone-d5	8.13	63	10588	61.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.78%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25553	30.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.08%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	20748	23.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.88%			

Target Compounds						Qvalue
6) Bromomethane	1.52	94	260	1.494	ug/L	87
13) Acetone	2.19	43	1475	6.892	ug/L	98
14) Carbon disulfide	2.31	76	3007	1.653	ug/L	99
35) Trichloroethene	5.66	95	1418	1.836	ug/L #	5
40) 1,2-Dichloropropane	6.12	63	2350	2.895	ug/L #	88
42) cis-1,3-Dichloropropene	7.03	75	641	0.541	ug/L #	31
59) 1,2,3-Trichloropropane	11.30	75	2925	4.676	ug/L	99

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

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
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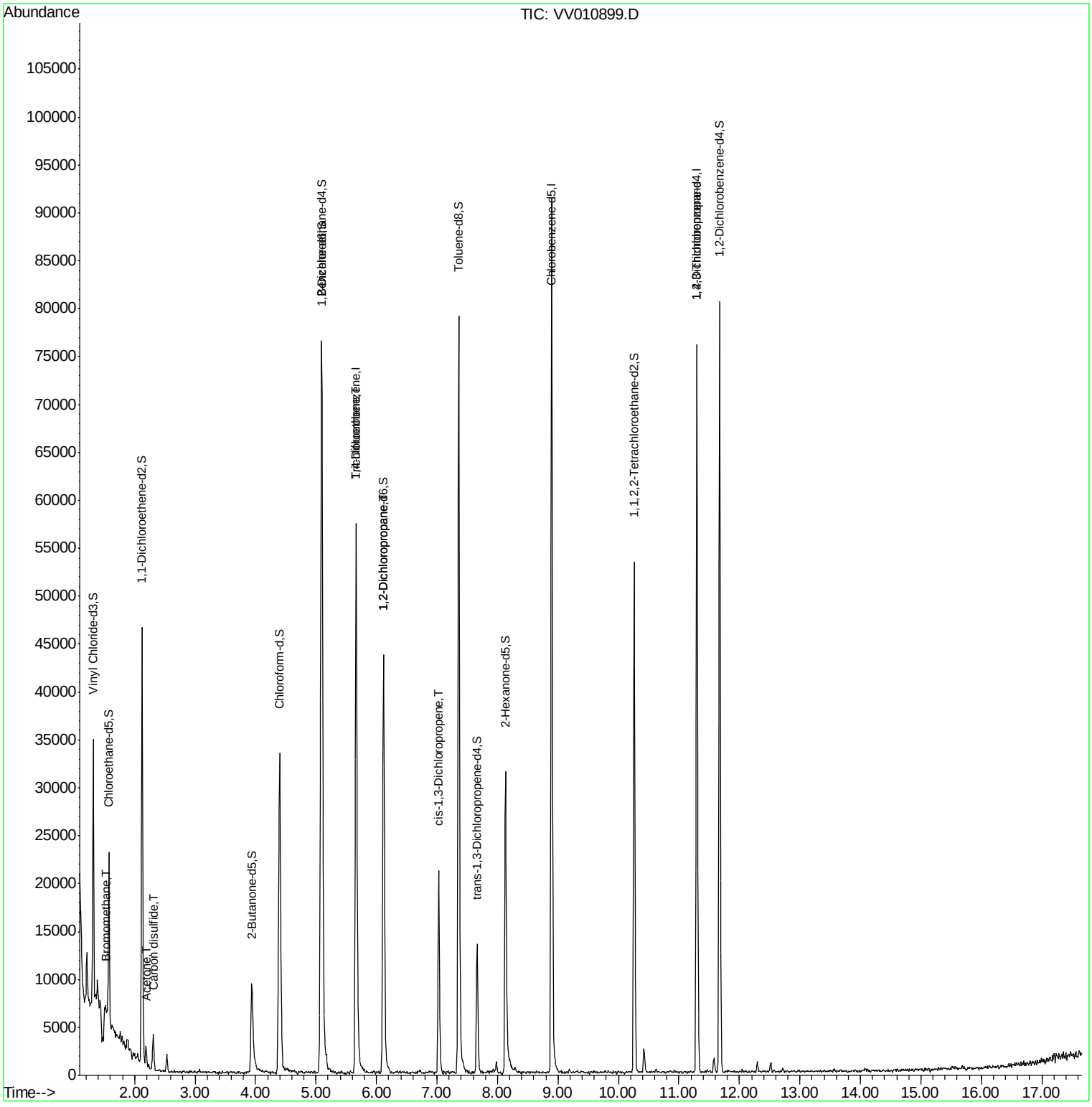
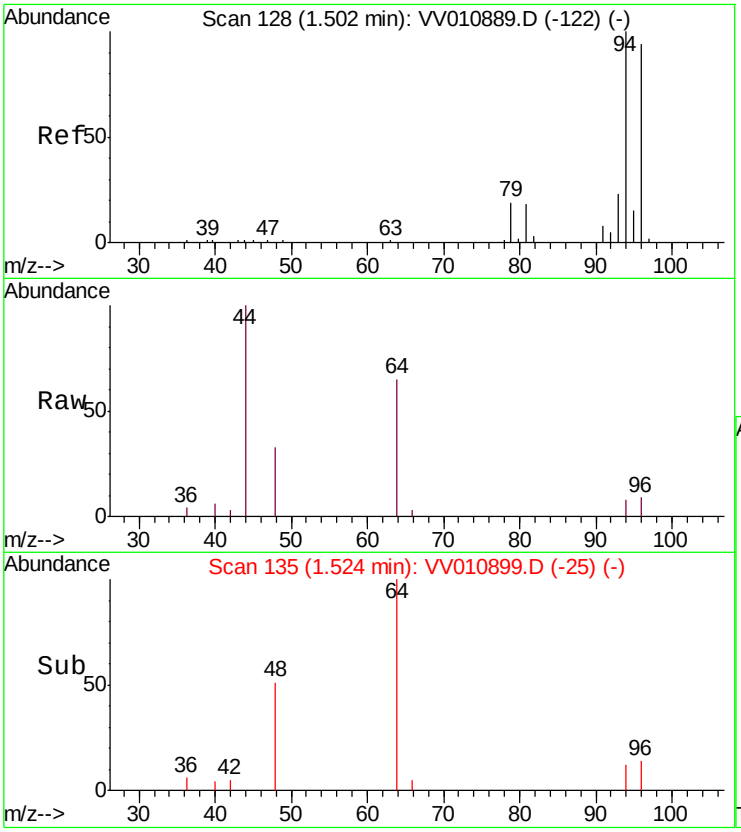
Quant Time: May 16 07:29:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 07:25:32 2019
Response via : Initial Calibration



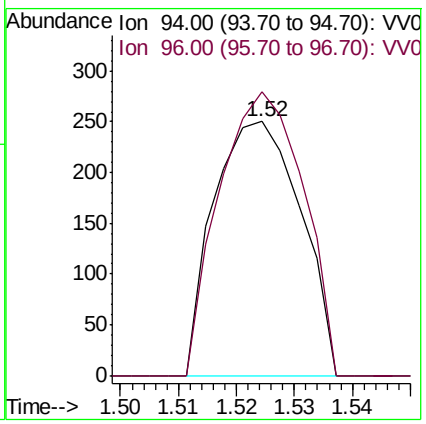


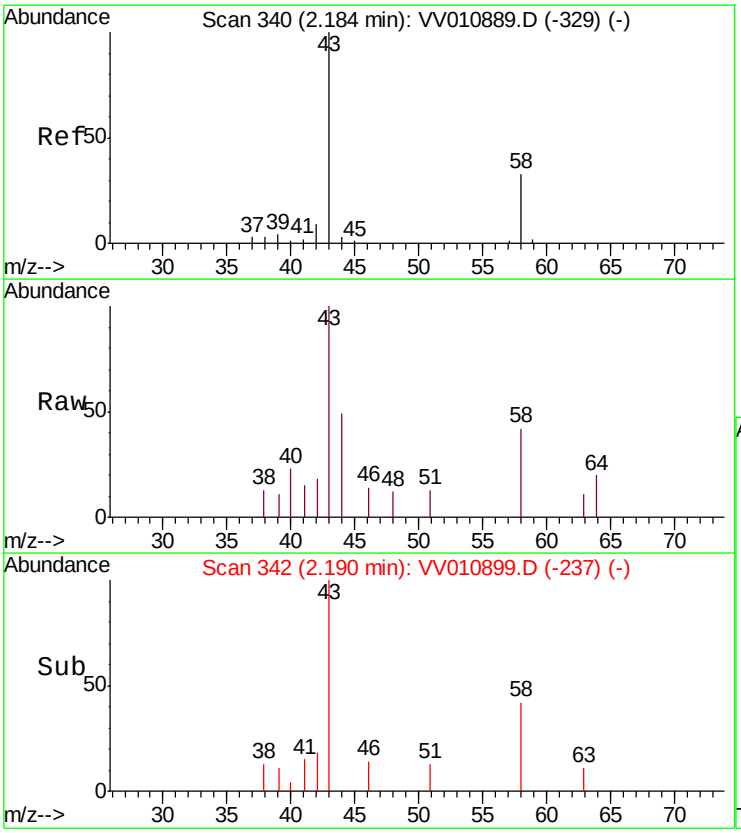
#6
Bromomethane
Concen: 1.494 ug/L
RT: 1.52 min Scan# 135
Delta R.T. 0.02 min
Lab File: VV010899.D
Acq: 15 May 2019 13:56

Instrument :
MSVOA_V
ClientSampleId :
A51A1

Tgt Ion: 94 Resp: 260

Ion	Ratio	Lower	Upper
94	100		
96	108.1	9.6	181.6

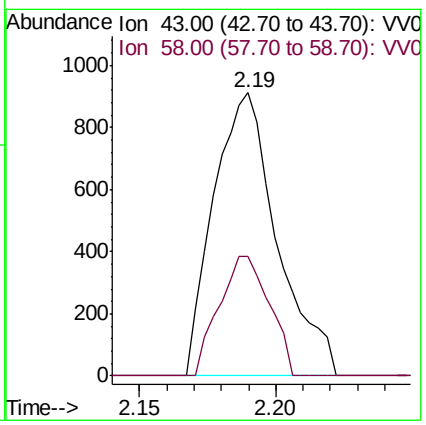


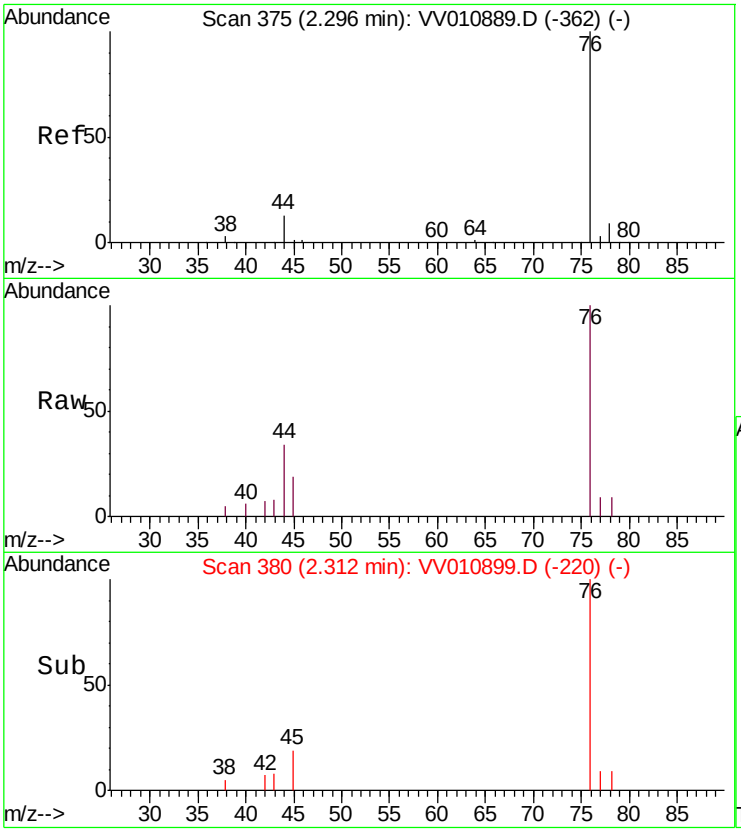


#13
Acetone
Concen: 6.892 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VV010899.D
Acq: 15 May 2019 13:56

Tgt Ion: 43 Resp: 1475

Ion	Ratio	Lower	Upper
43	100		
58	33.4	0.0	69.2



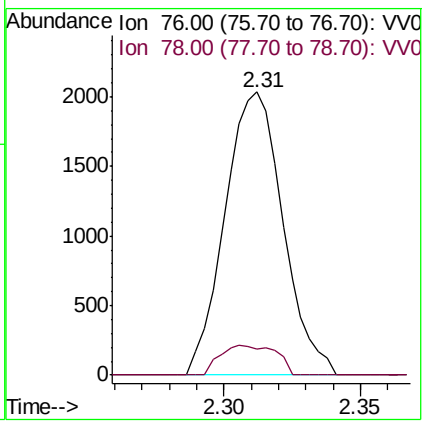


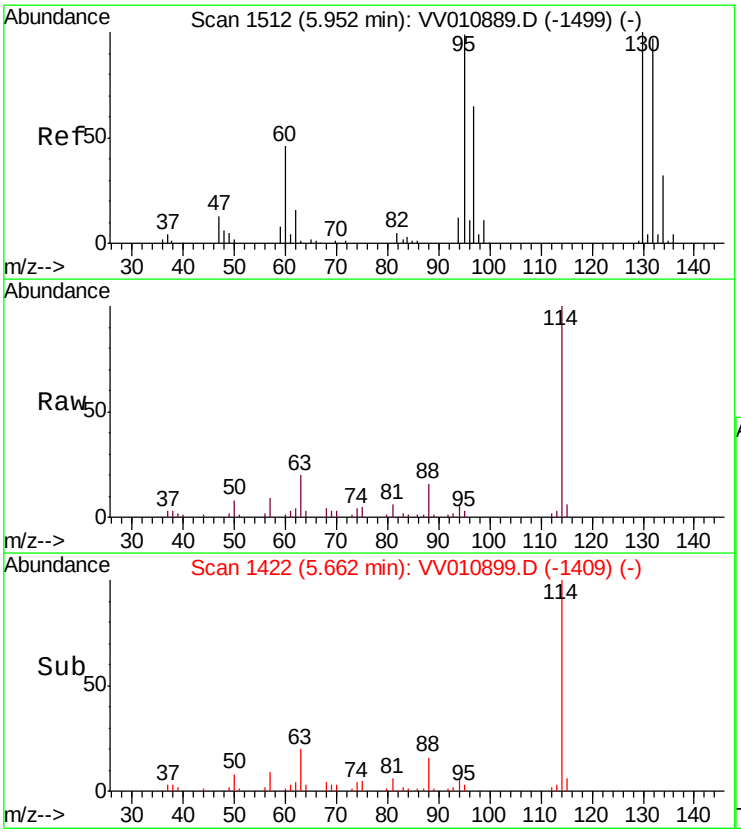
#14
Carbon disulfide
Concen: 1.653 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.02 min
Lab File: VV010899.D
Acq: 15 May 2019 13:56

Instrument :
MSVOA_V
ClientSampleId :
A51A1

Tgt Ion: 76 Resp: 3007

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

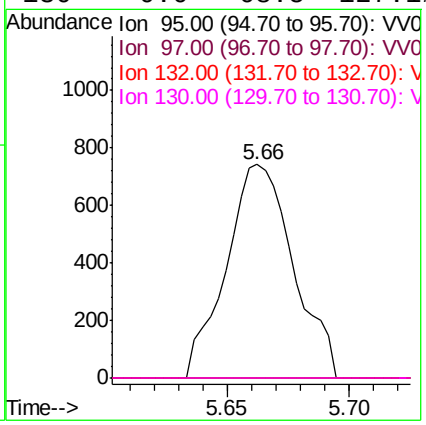


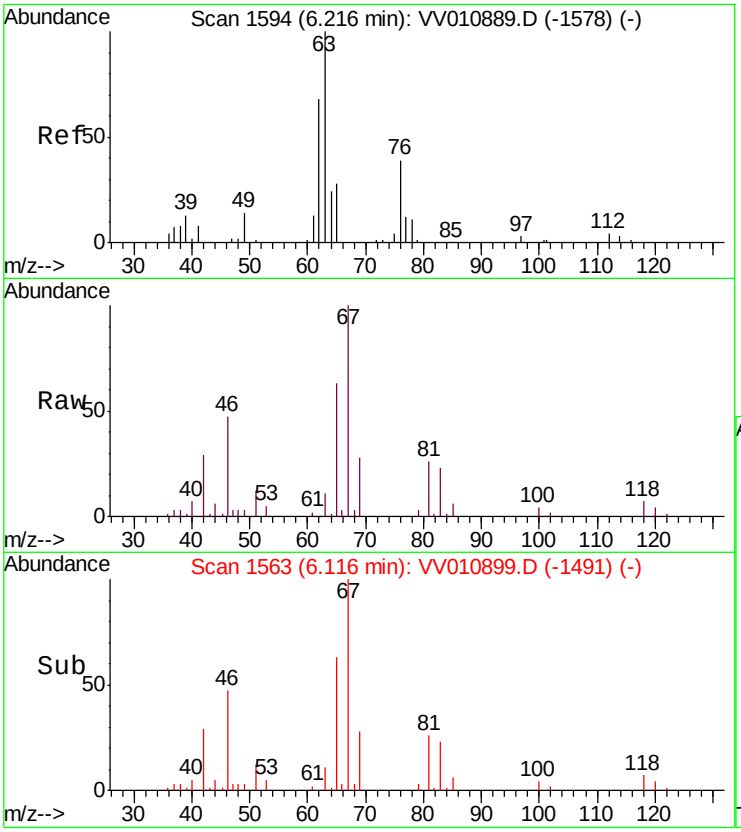


#35
Trichloroethene
Concen: 1.836 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV010899.D
Acq: 15 May 2019 13:56

Tgt Ion: 95 Resp: 1418

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	67.4	125.2#
130	0.0	68.5	127.1#



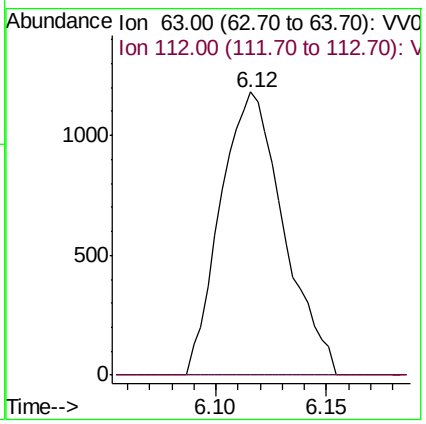


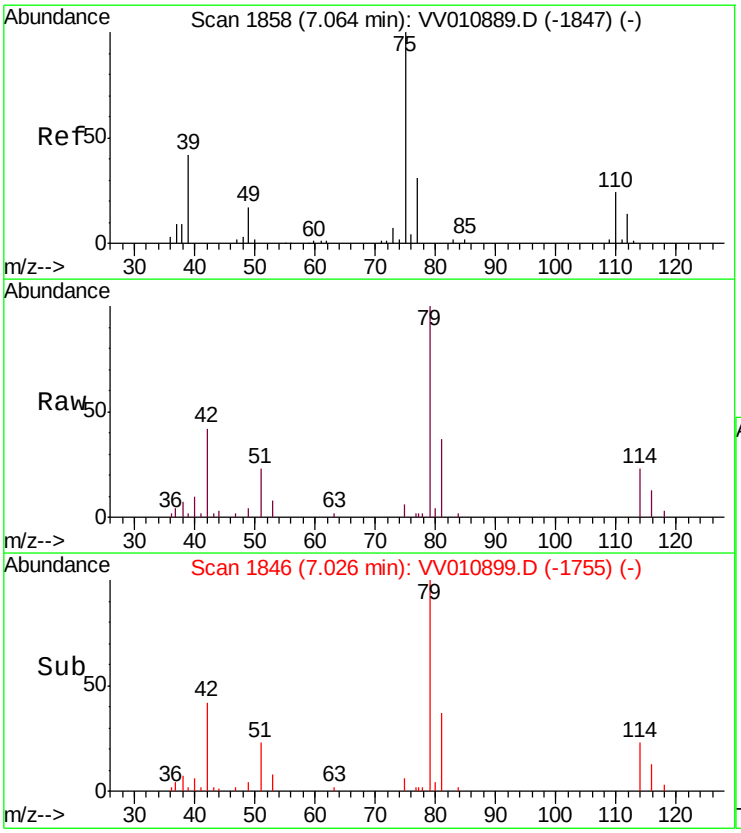
#40
1,2-Dichloropropane
Concen: 2.895 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010899.D
Acq: 15 May 2019 13:56

Instrument :
MSVOA_V
ClientSampleId :
A51A1

Tgt Ion: 63 Resp: 2350

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

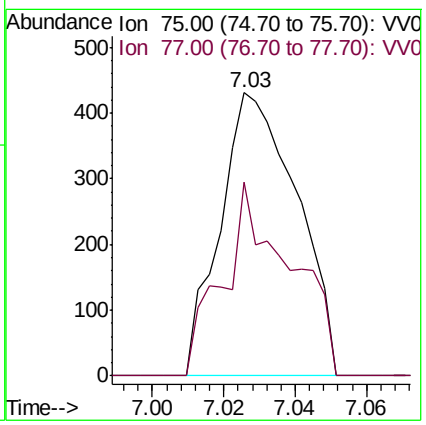


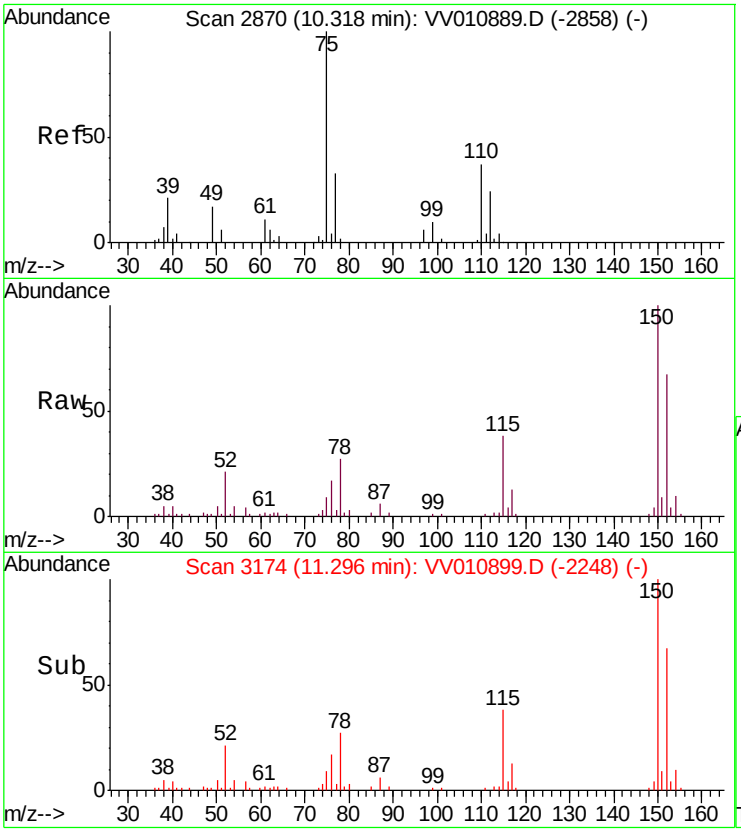


#42
cis-1,3-Dichloropropene
Concen: 0.541 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010899.D
Acq: 15 May 2019 13:56

Tgt Ion: 75 Resp: 641

Ion	Ratio	Lower	Upper
75	100		
77	68.2	21.5	39.9#





#59
1,2,3-Trichloropropane
Concen: 4.676 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010899.D
Acq: 15 May 2019 13:56

Instrument :
MSVOA_V
ClientSampleId :
A51A1

Tgt Ion: 75 Resp: 2925

Ion	Ratio	Lower	Upper
75	100		
77	33.4	26.4	39.6