Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061219\

Quantitation Report (Not Reviewed)

Data File : VV011447.D
Acq On : 13 Jun 2019 06:01
Operator : SY/MD
Sample : K3197-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Jun 13 08:28:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 08:24:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	127989	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118156	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43424	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	46659	4.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%			
7) Chloroethane-d5	1.58	69	32209	4.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.00%			
11) 1,1-Dichloroethene-d2	2.12	63	77070	3.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.60%			
20) 2-Butanone-d5	3.97	46	112169	51.37	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.74%			
24) Chloroform-d	4.40	84	87294	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
26) 1,2-Dichloroethane-d4	5.08	65	50238	5.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.80%			
32) Benzene-d6	5.09	84	172411	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
36) 1,2-Dichloropropane-d6	6.12	67	52618	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.36	98	146937	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
43) trans-1,3-Dichloropropene-	7.66	79	14531	3.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.00%			
46) 2-Hexanone-d5	8.14	63	82112	46.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.66%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34993	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	43946	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	6911	0.566	ug/L	99
5) Vinyl chloride	1.21	62	1114	0.095	ug/L	96
6) Bromomethane	1.53	94	2976	0.486	ug/L	100
8) Chloroethane	1.41	64	95996	12.757	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	716	0.086	ug/L #	31
13) Acetone	2.23	43	3704	2.530	ug/L	64
16) Methylene chloride	2.53	84	2131	0.256	ug/L	80
35) Methylcyclohexane	6.12	83	13161	0.819	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7206	0.770	ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	914	0.088	ug/L	99
48) 2-Hexanone	8.14	43	11570	2.784	ug/L #	70

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061219\

Quantitation Report (Not Reviewed)

Data File : VV011447.D
Acq On : 13 Jun 2019 06:01
Operator : SY/MD
Sample : K3197-16
Misc : 25ML/MSVOA_V/WATER
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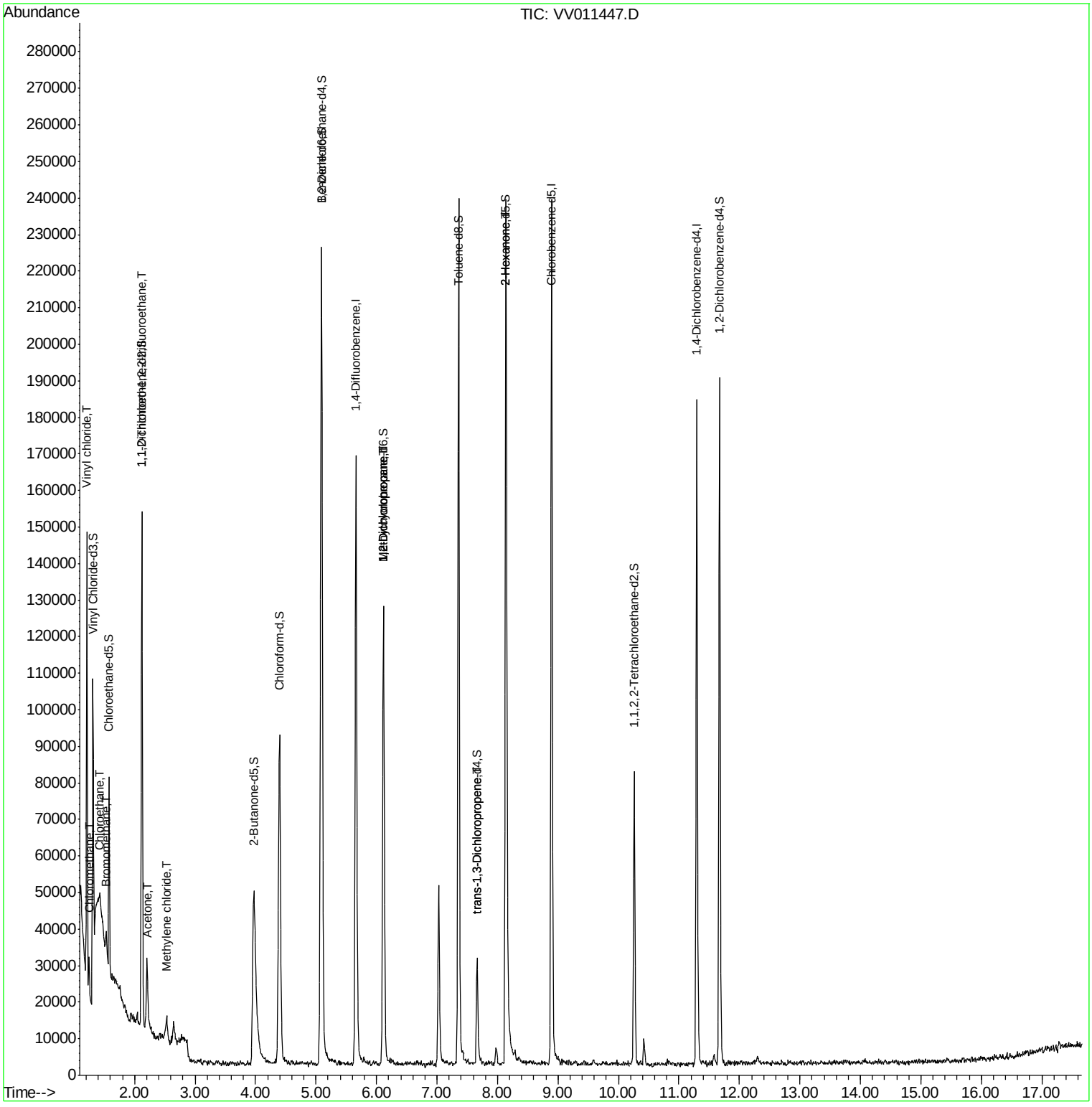
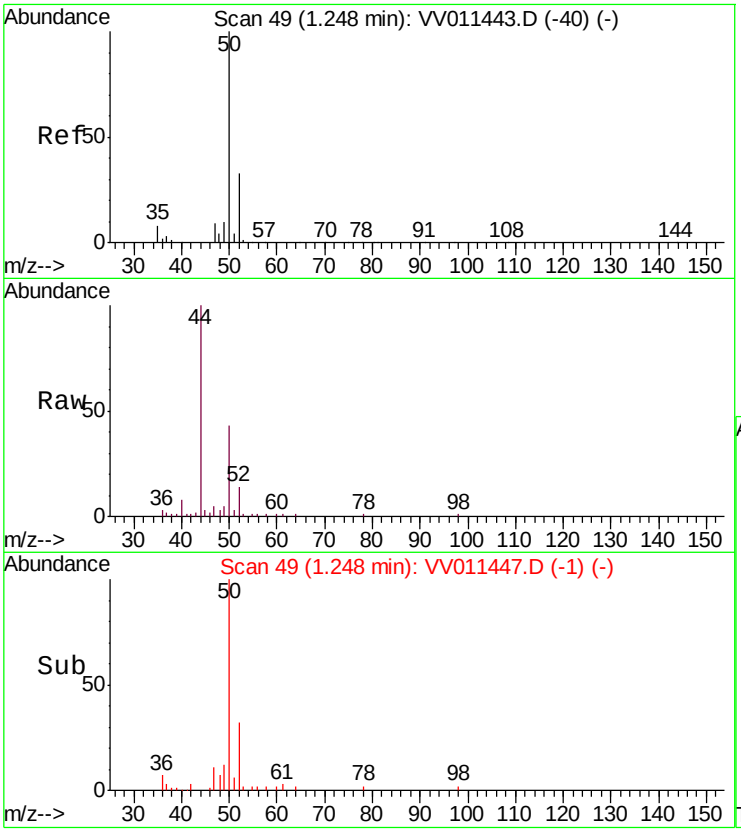
Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Jun 13 08:28:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 08:24:59 2019
Response via : Initial Calibration



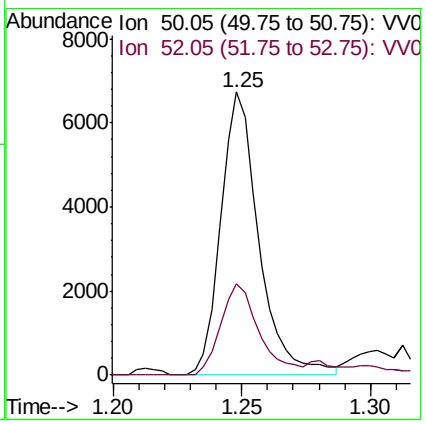


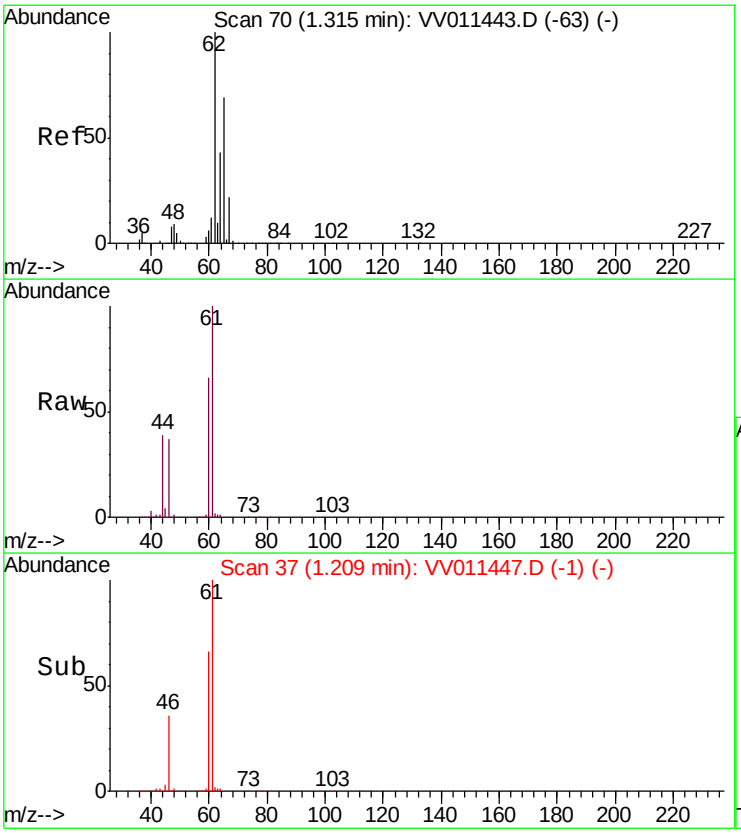
#3
Chloromethane
Concen: 0.566 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV011447.D
Acq: 13 Jun 2019 06:01

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 50 Resp: 6911

Ion	Ratio	Lower	Upper
50	100		
52	32.2	22.3	41.5

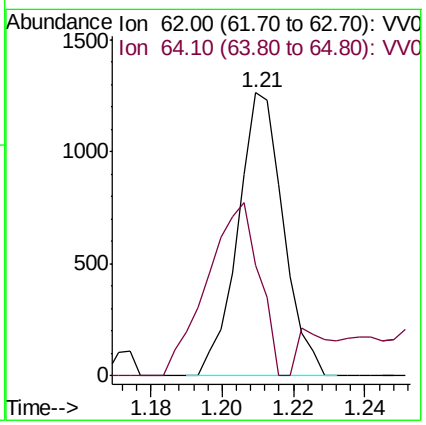


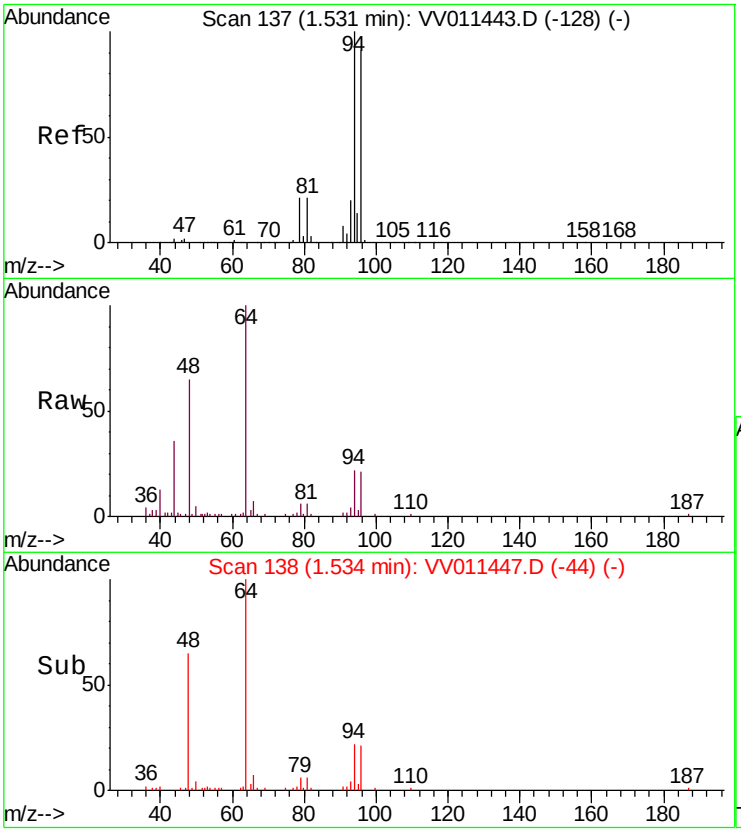


#5
Vinyl chloride
Concen: 0.095 ug/L
RT: 1.21 min Scan# 37
Delta R.T. -0.11 min
Lab File: VV011447.D
Acq: 13 Jun 2019 06:01

Tgt Ion: 62 Resp: 1114

Ion	Ratio	Lower	Upper
62	100		
64	39.2	25.9	48.1



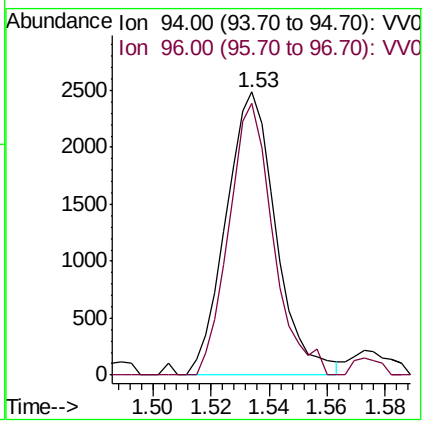


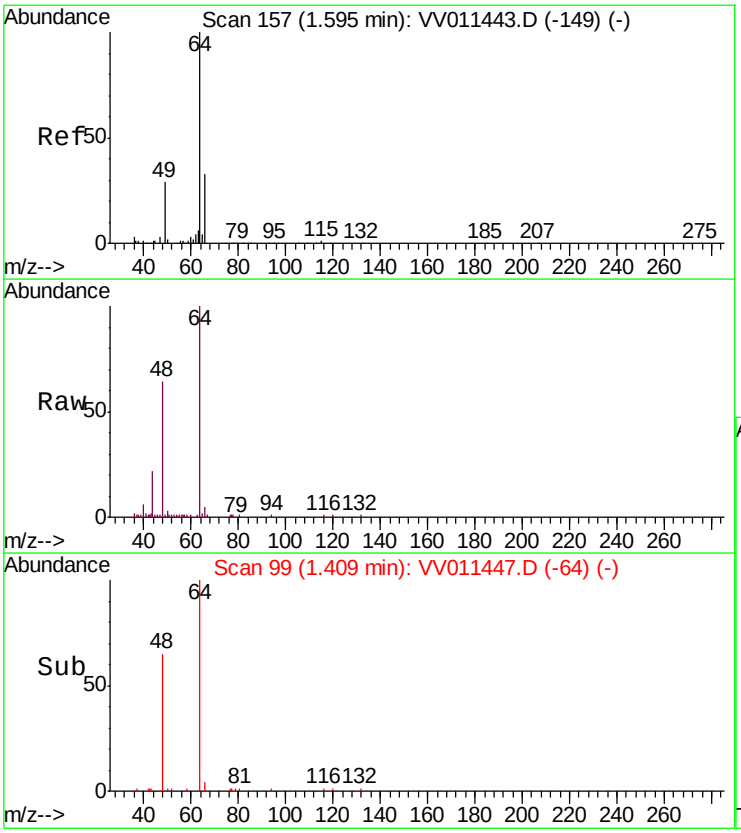
#6
Bromomethane
Concen: 0.486 ug/L
RT: 1.53 min Scan# 138
Delta R.T. 0.00 min
Lab File: VV011447.D
Acq: 13 Jun 2019 06:01

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 94 Resp: 2976

Ion	Ratio	Lower	Upper
94	100		
96	96.0	67.0	124.4

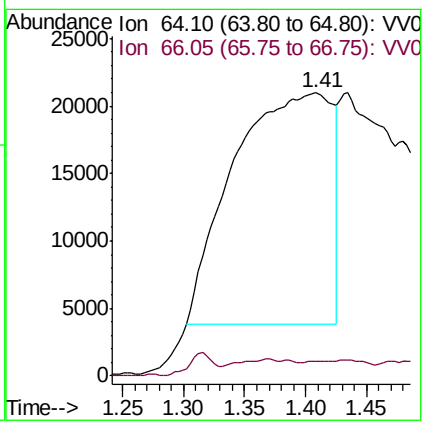


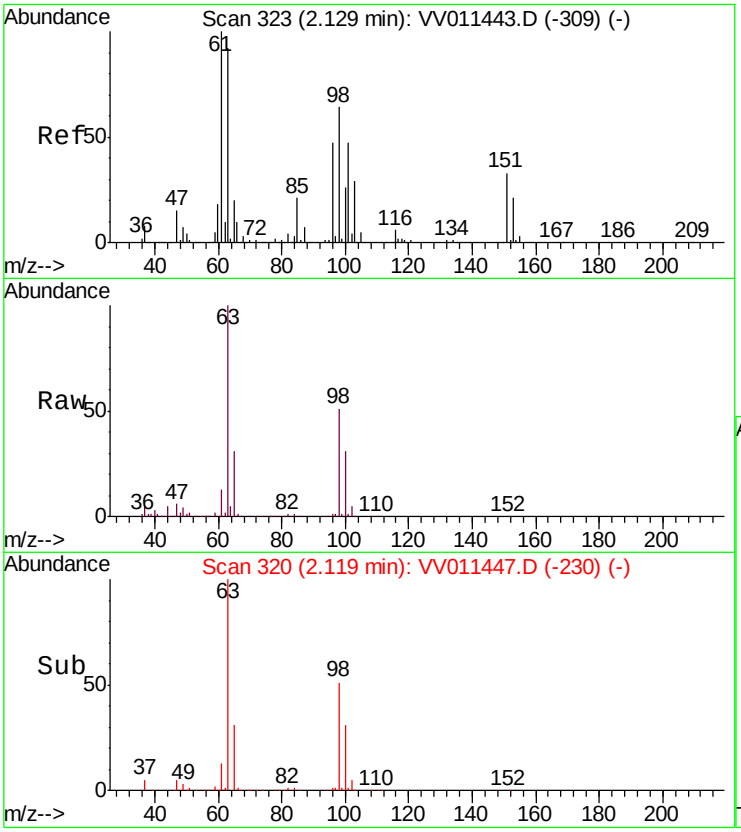


#8
Chloroethane
Concen: 12.757 ug/L
RT: 1.41 min Scan# 99
Delta R.T. -0.19 min
Lab File: VV011447.D
Acq: 13 Jun 2019 06:01

Tgt Ion: 64 Resp: 95996

Ion	Ratio	Lower	Upper
64	100		
66	5.1	19.4	36.0#



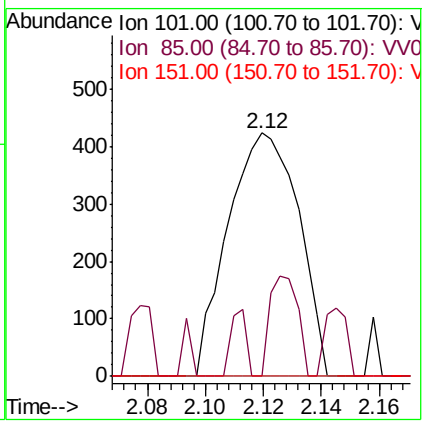


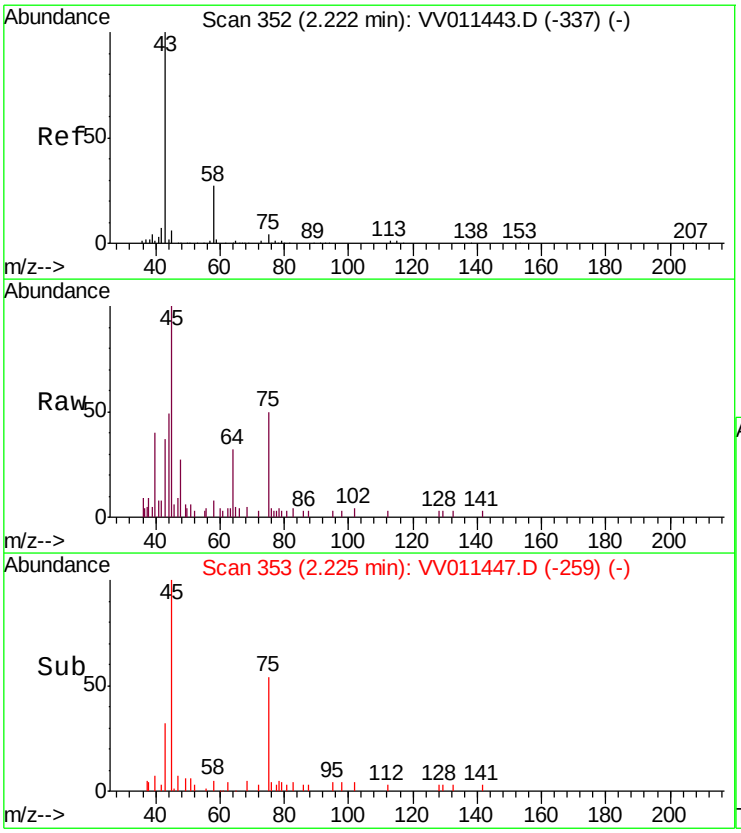
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.086 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV011447.D
Acq: 13 Jun 2019 06:01

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Tgt Ion:101 Resp: 716

Ion	Ratio	Lower	Upper
101	100		
85	16.3	35.5	53.3#
151	0.0	56.9	85.3#

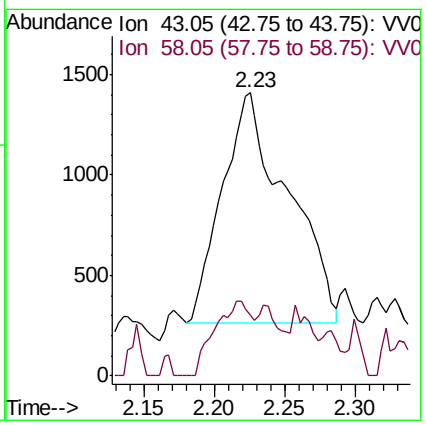


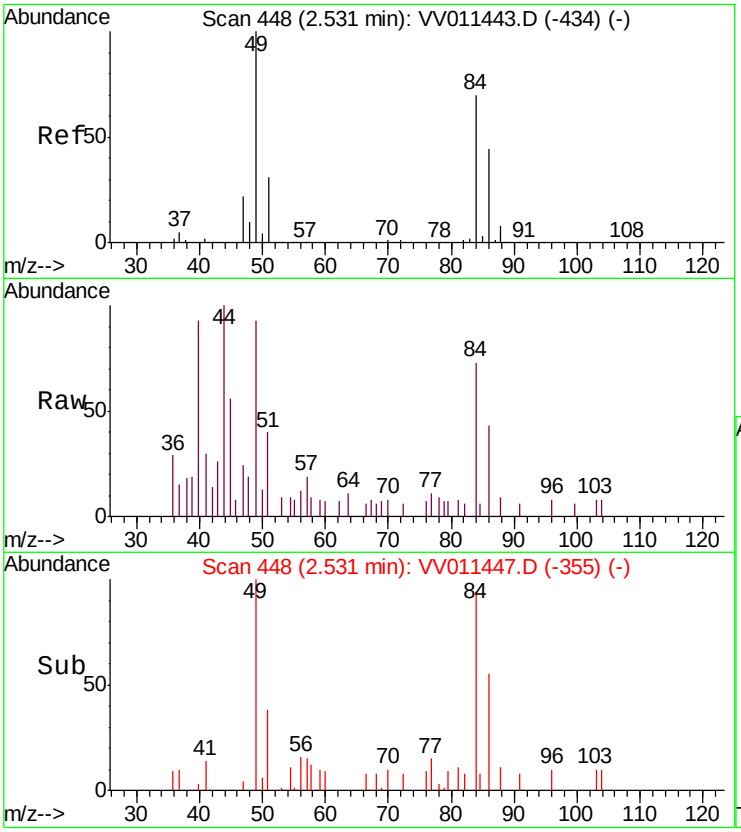


#13
Acetone
Concen: 2.530 ug/L
RT: 2.23 min Scan# 353
Delta R.T. 0.00 min
Lab File: VV011447.D
Acq: 13 Jun 2019 06:01

Tgt Ion: 43 Resp: 3704

Ion	Ratio	Lower	Upper
43	100		
58	8.9	0.0	55.2



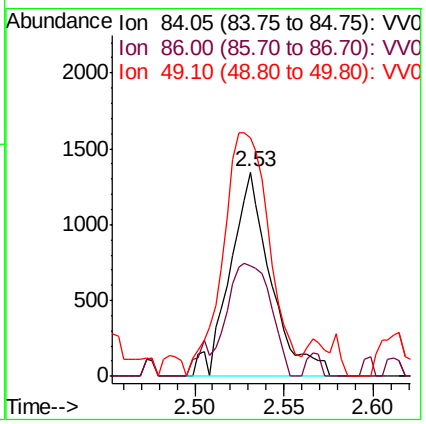


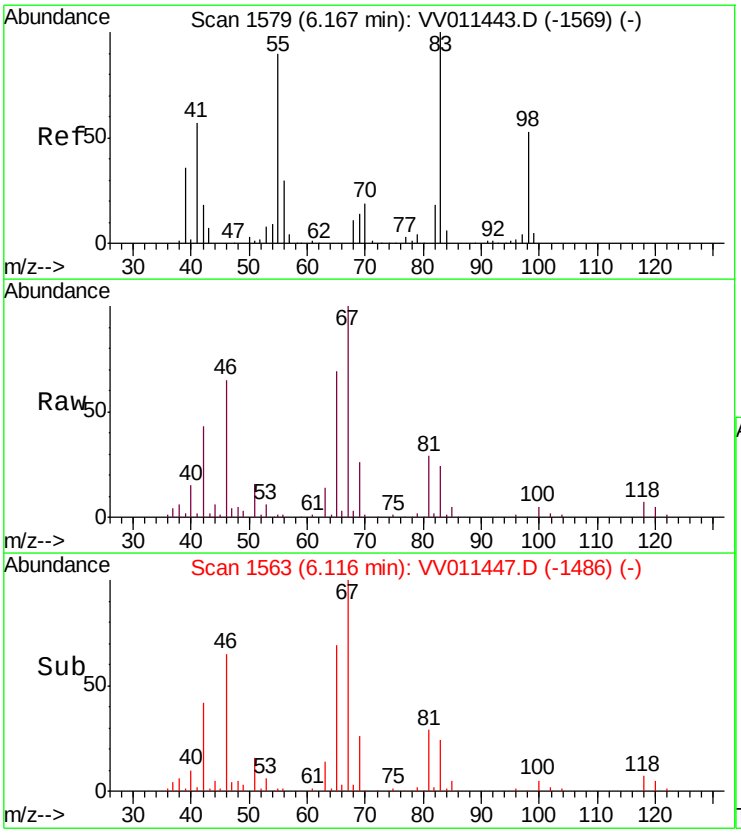
#16
Methylene chloride
Concen: 0.256 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV011447.D
Acq: 13 Jun 2019 06:01

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 2131

Ion	Ratio	Lower	Upper
84	100		
86	54.1	44.9	83.3
49	116.5	102.1	189.5

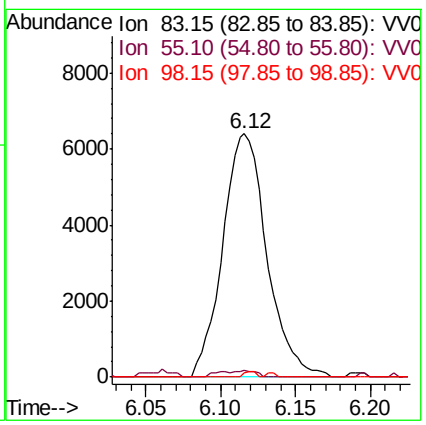


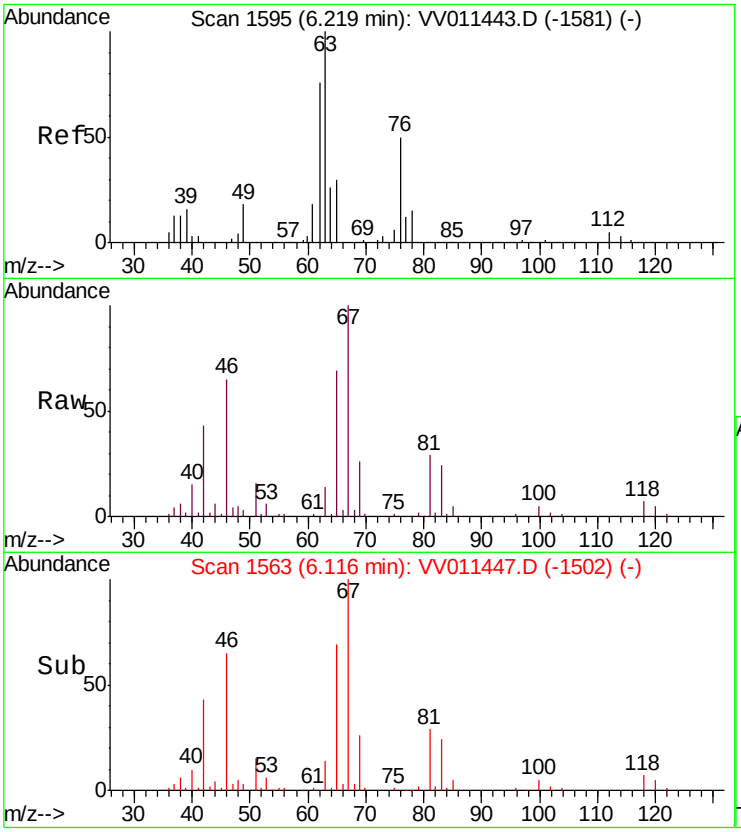


#35
Methylcyclohexane
Concen: 0.819 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011447.D
Acq: 13 Jun 2019 06:01

Tgt Ion: 83 Resp: 13161

Ion	Ratio	Lower	Upper
83	100		
55	1.3	67.0	100.6#
98	0.6	40.0	60.0#



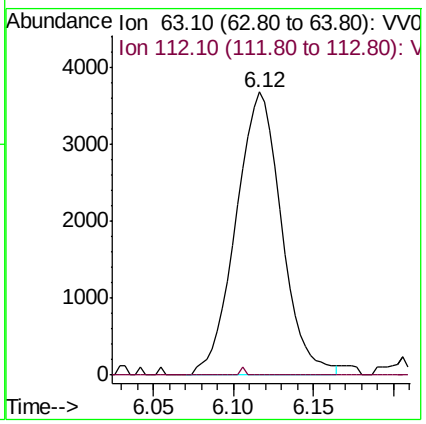


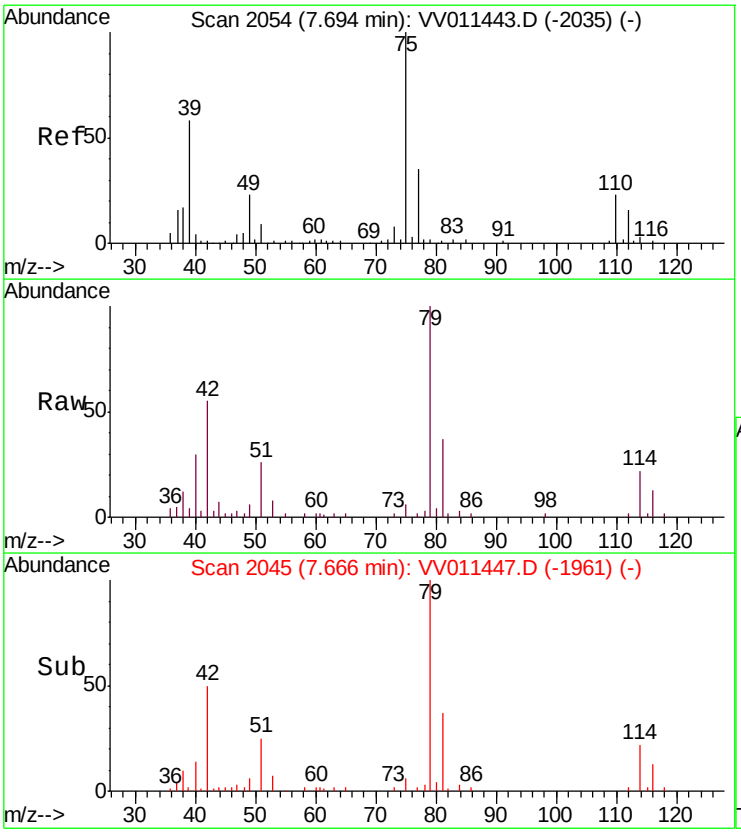
#37
1,2-Dichloropropane
Concen: 0.770 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011447.D
Acq: 13 Jun 2019 06:01

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Tgt Ion: 63 Resp: 7206

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.6	5.4#

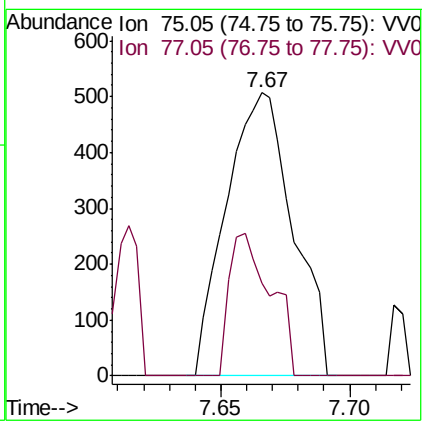


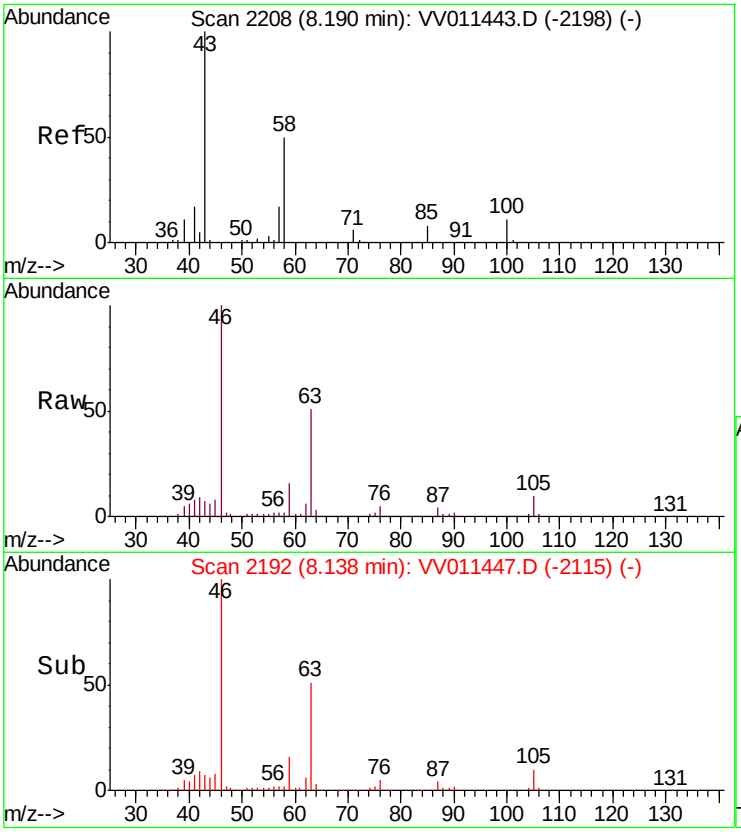


#44
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011447.D
Acq: 13 Jun 2019 06:01

Tgt Ion: 75 Resp: 914

Ion	Ratio	Lower	Upper
75	100		
77	32.5	23.1	42.9





#48
2-Hexanone
Concen: 2.784 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV011447.D
Acq: 13 Jun 2019 06:01

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 11570

Ion	Ratio	Lower	Upper
43	100		
58	29.5	41.4	62.0#
57	30.9	15.0	22.4#
100	1.4	9.0	13.4#