Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061019\

Quantitation Report (Not Reviewed)

Data File : VV011352.D
Acq On : 10 Jun 2019 16:07
Operator : SY/MD
Sample : K3228-03RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P02RE

Quant Time: Jun 11 01:36:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155042	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	59922	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.33	65	314	0.03	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 0.60%#			
7) Chloroethane-d5	1.55	69	38476	3.94	ug/L	-0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.80%			
11) 1,1-Dichloroethene-d2	2.12	63	19630	0.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 16.80%#			
20) 2-Butanone-d5	3.94	46	134706	50.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.86%			
24) Chloroform-d	4.40	84	92851	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.08	65	51501	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.09	84	178516	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
36) 1,2-Dichloropropane-d6	6.12	67	57655	4.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.40%			
41) Toluene-d8	7.36	98	5023	0.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 2.60%#			
43) trans-1,3-Dichloropropene-	7.67	79	3168	0.63	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 12.60%#			
46) 2-Hexanone-d5	8.13	63	102083	48.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.12%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42270	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	55610	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	17700	1.197	ug/L	95
6) Bromomethane	1.51	94	1978	0.267	ug/L	99
13) Acetone	2.19	43	8818	4.972	ug/L	95
15) Methyl Acetate	2.46	43	773	0.164	ug/L #	76
25) Chloroform	4.42	83	30529	1.370	ug/L	99
35) Methylcyclohexane	6.11	83	14301	0.735	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	7325	0.646	ug/L #	88
38) Bromodichloromethane	6.55	83	34002	2.426	ug/L	99
48) 2-Hexanone	8.13	43	13569	2.695	ug/L #	70
49) Dibromochloromethane	8.29	129	27274	3.309	ug/L	96
59) 1,2,3-Trichloropropane	10.53	75	871	0.132	ug/L	98
61) Bromoform	9.78	173	7933	2.204	ug/L	100

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

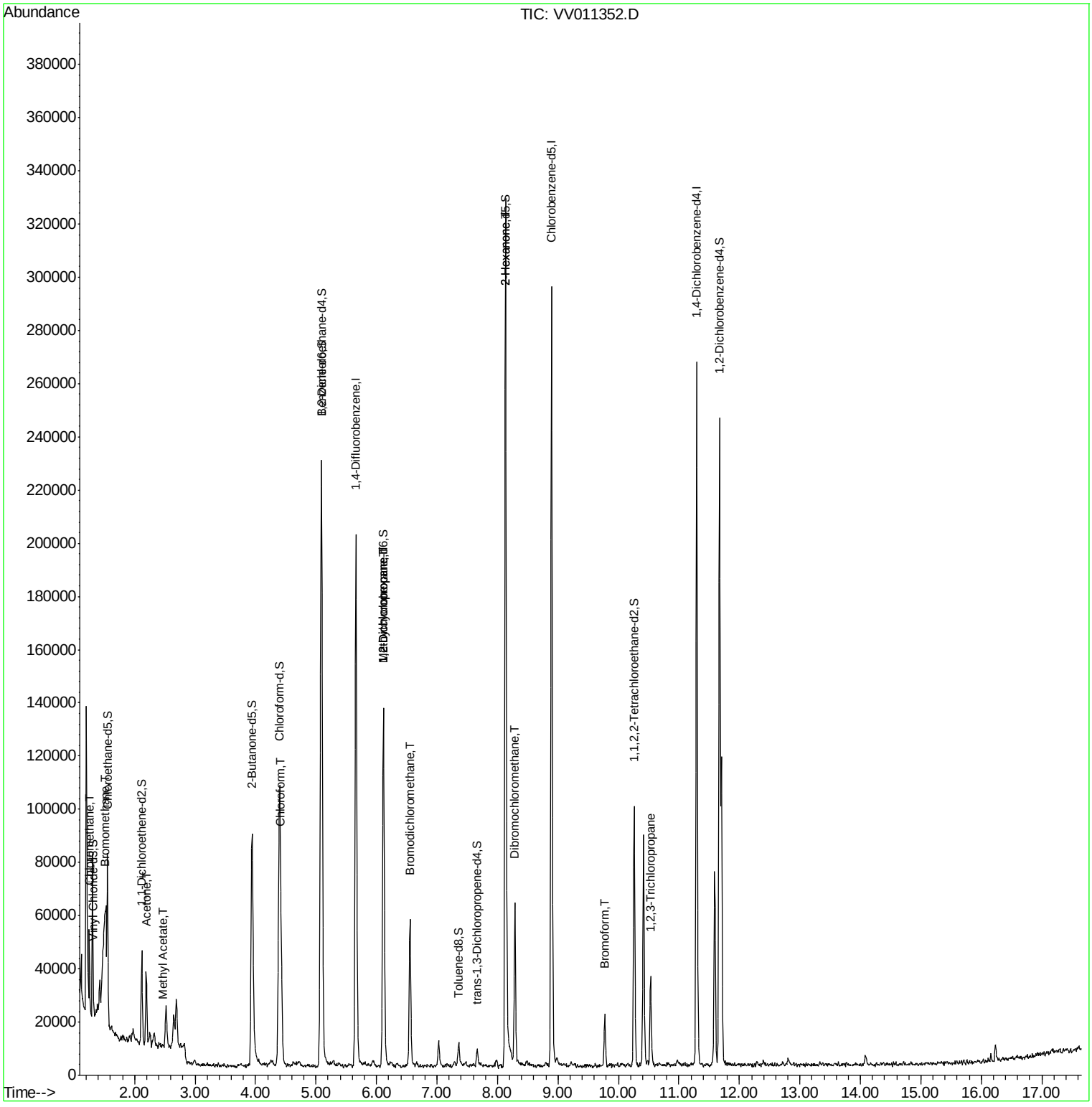
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061019\

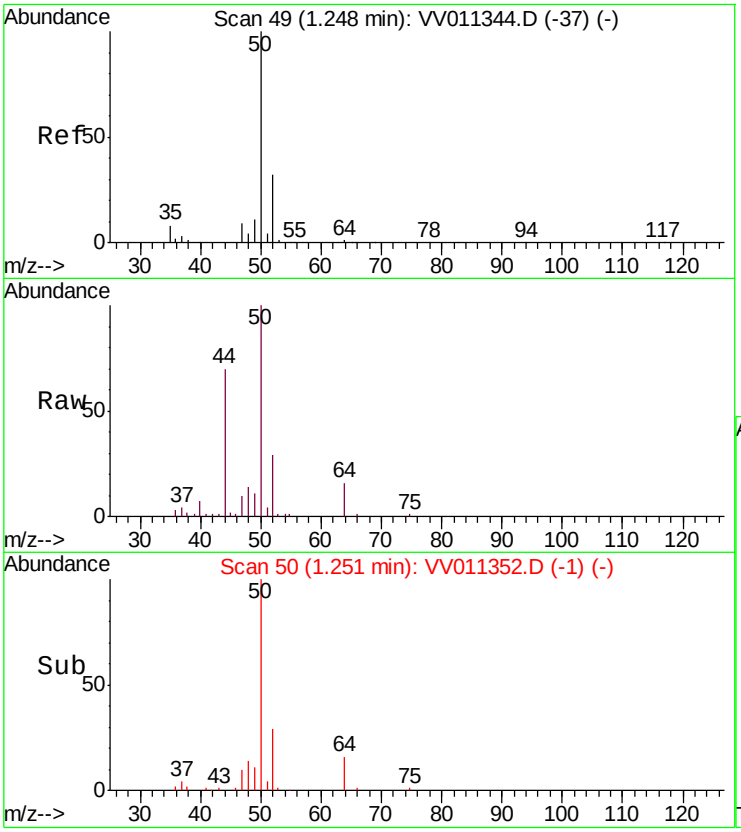
Quantitation Report (Not Reviewed)

Data File : VV011352.D
Acq On : 10 Jun 2019 16:07
Operator : SY/MD
Sample : K3228-03RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P02RE

Quant Time: Jun 11 01:36:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration



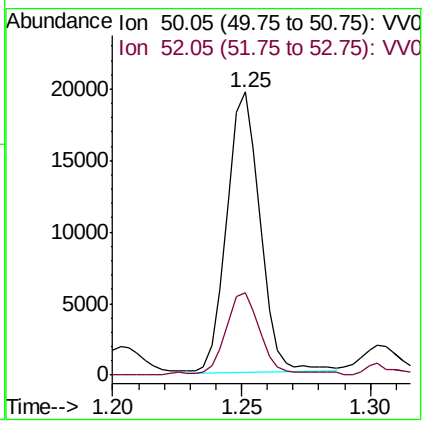


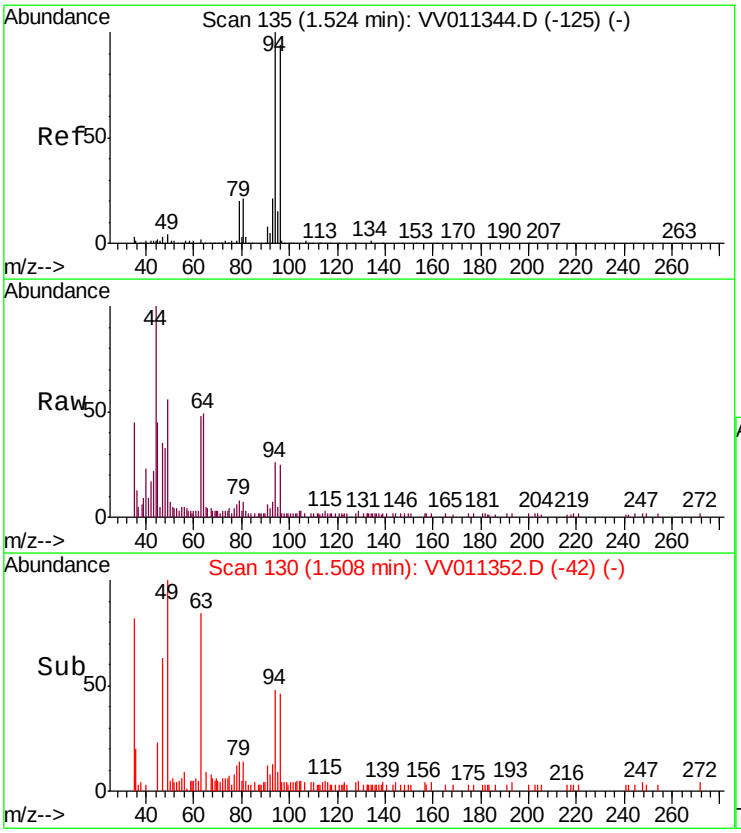
#3
Chloromethane
Concen: 1.197 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV011352.D
Acq: 10 Jun 2019 16:07

Instrument :
MSVOA_V
ClientSampleId :
F9P02RE

Tgt Ion: 50 Resp: 17700

Ion	Ratio	Lower	Upper
50	100		
52	28.9	22.3	41.5

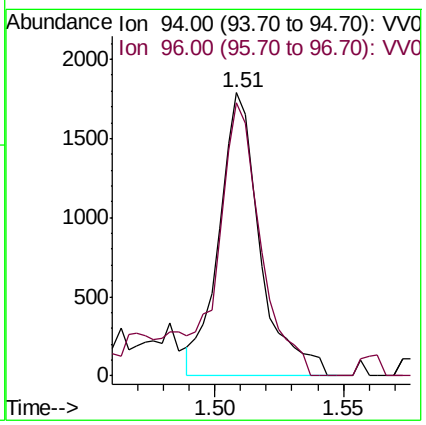


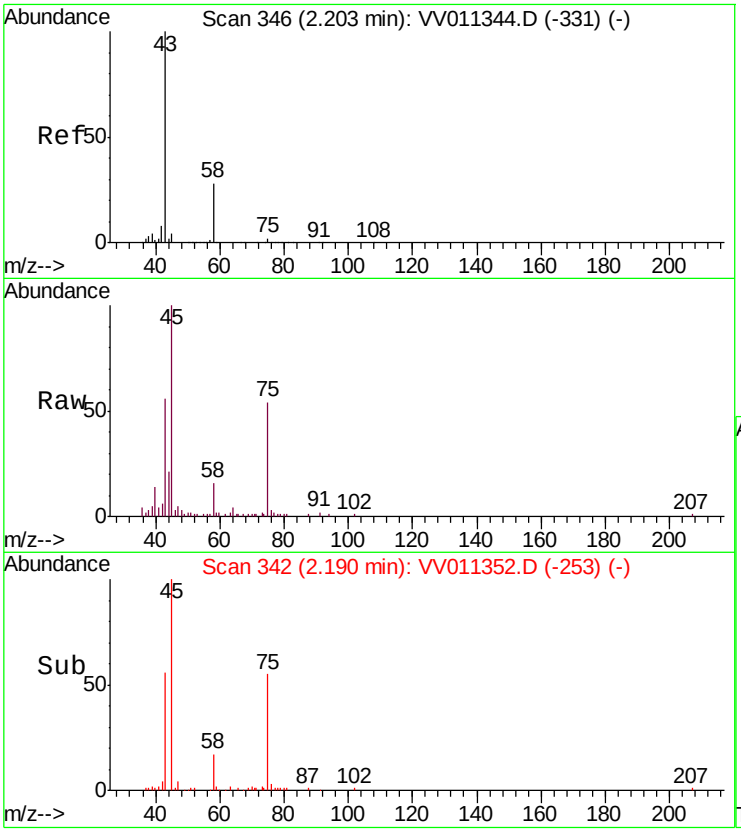


#6
Bromomethane
Concen: 0.267 ug/L
RT: 1.51 min Scan# 130
Delta R.T. -0.02 min
Lab File: VV011352.D
Acq: 10 Jun 2019 16:07

Tgt Ion: 94 Resp: 1978

Ion	Ratio	Lower	Upper
94	100		
96	96.5	67.0	124.4



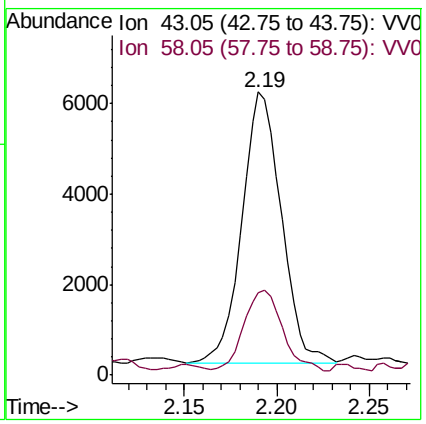


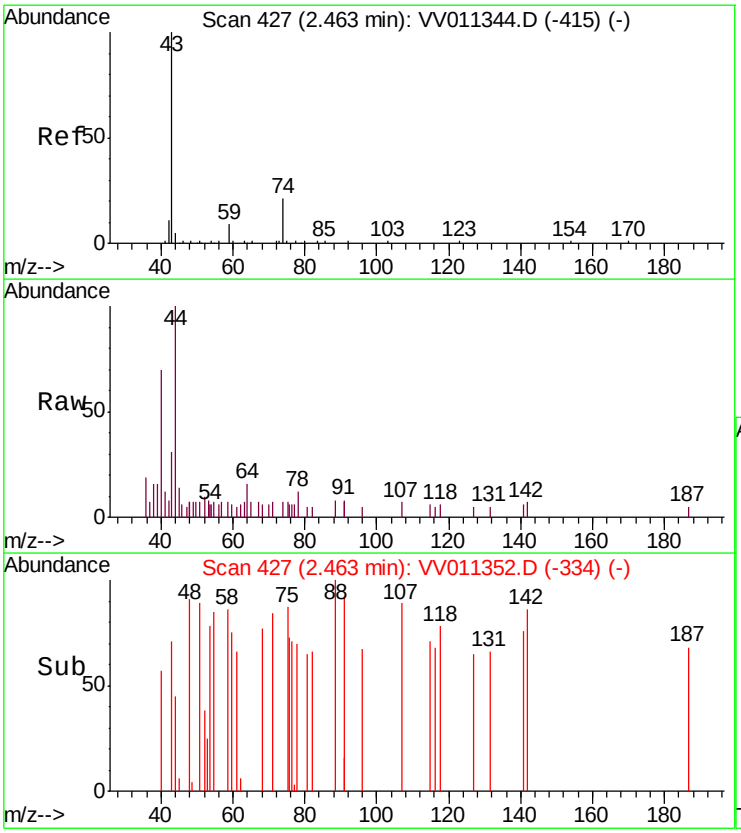
#13
Acetone
Concen: 4.972 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.01 min
Lab File: VV011352.D
Acq: 10 Jun 2019 16:07

Instrument :
MSVOA_V
ClientSampleId :
F9P02RE

Tgt Ion: 43 Resp: 8818

Ion	Ratio	Lower	Upper
43	100		
58	30.3	0.0	55.2

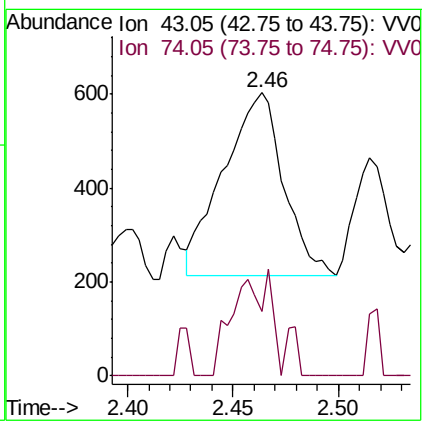


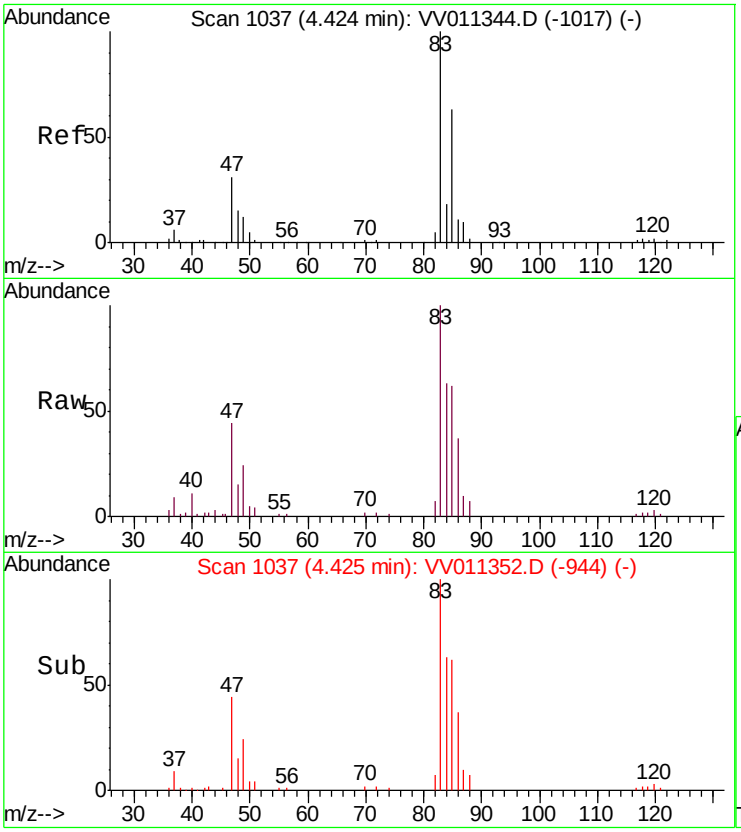


#15
Methyl Acetate
Concen: 0.164 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VV011352.D
Acq: 10 Jun 2019 16:07

Tgt Ion: 43 Resp: 773

Ion	Ratio	Lower	Upper
43	100		
74	34.9	18.5	27.7#



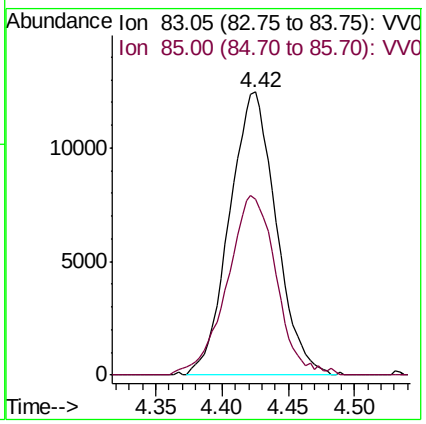


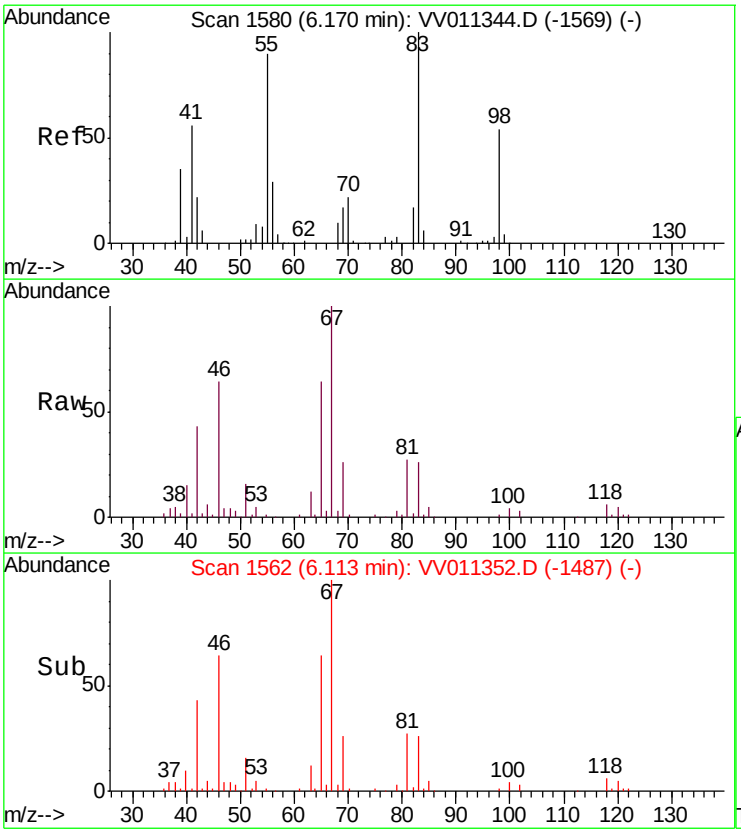
#25
Chloroform
Concen: 1.370 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011352.D
Acq: 10 Jun 2019 16:07

Instrument :
MSVOA_V
ClientSampleId :
F9P02RE

Tgt Ion: 83 Resp: 30529

Ion	Ratio	Lower	Upper
83	100		
85	62.1	44.1	81.9

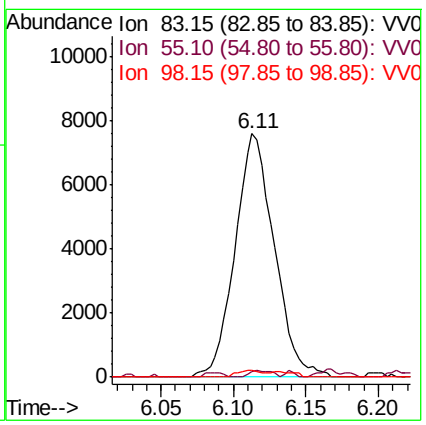


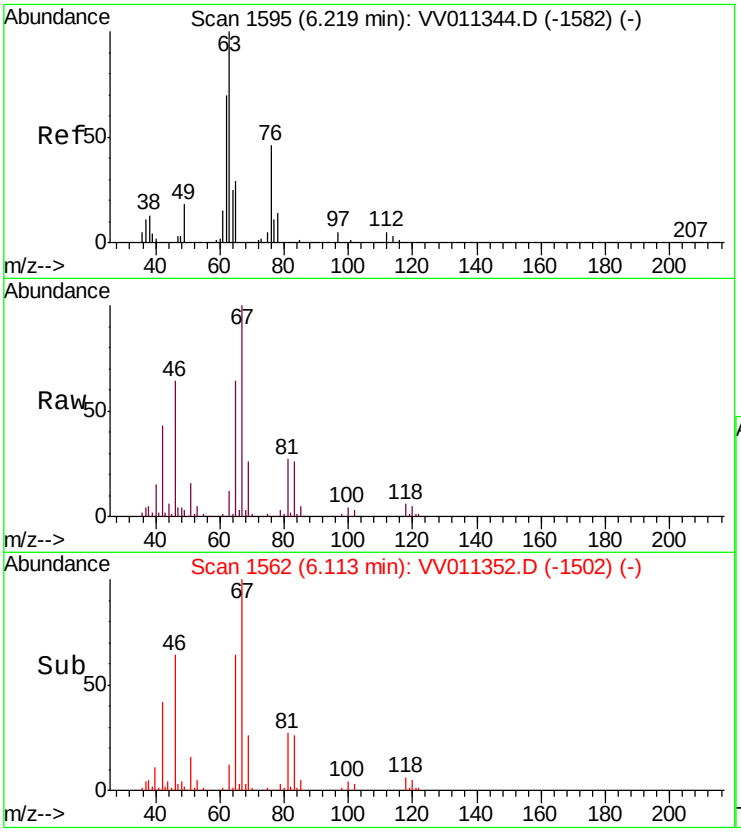


#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011352.D
Acq: 10 Jun 2019 16:07

Tgt Ion: 83 Resp: 14301

Ion	Ratio	Lower	Upper
83	100		
55	1.5	67.0	100.6#
98	1.5	40.0	60.0#



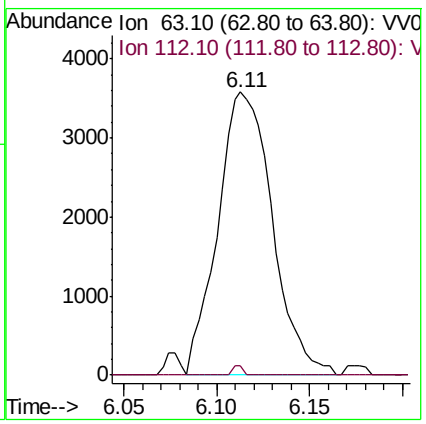


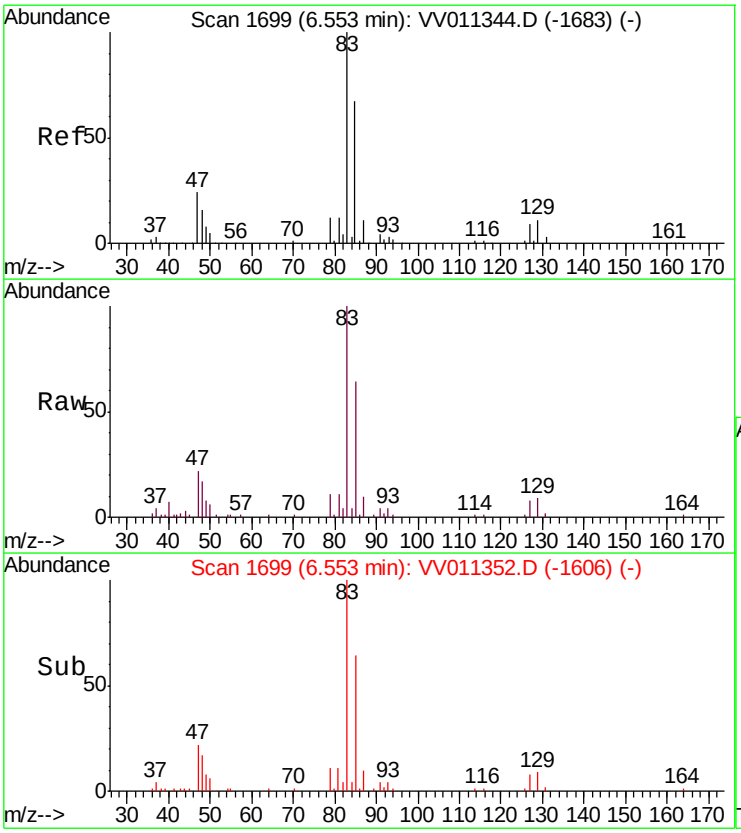
#37
1,2-Dichloropropane
Concen: 0.646 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011352.D
Acq: 10 Jun 2019 16:07

Instrument : MSVOA_V
ClientSampleId : F9P02RE

Tgt Ion: 63 Resp: 7325

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.6	5.4#

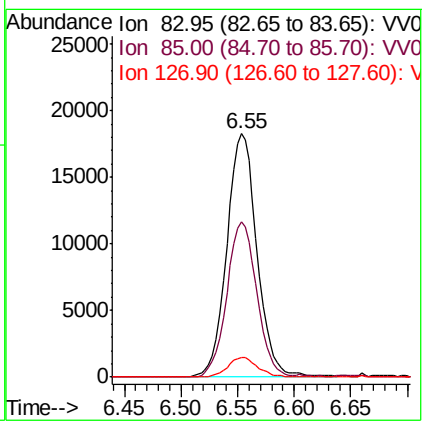


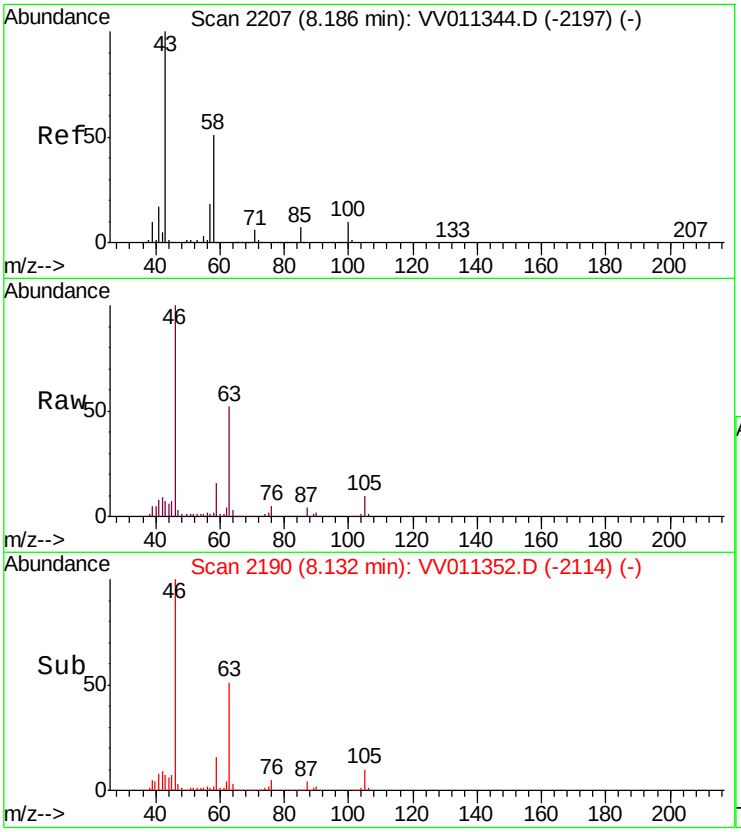


#38
Bromodichloromethane
Concen: 2.426 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VV011352.D
Acq: 10 Jun 2019 16:07

Tgt Ion: 83 Resp: 34002

Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.5	82.7
127	8.1	7.0	10.4



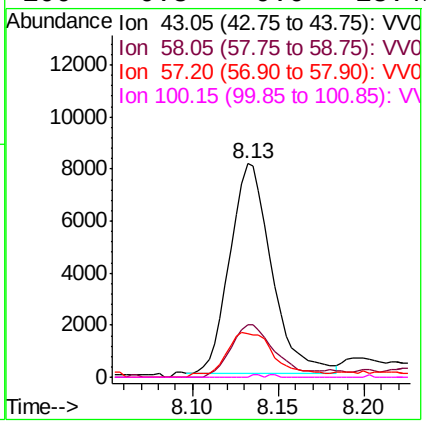


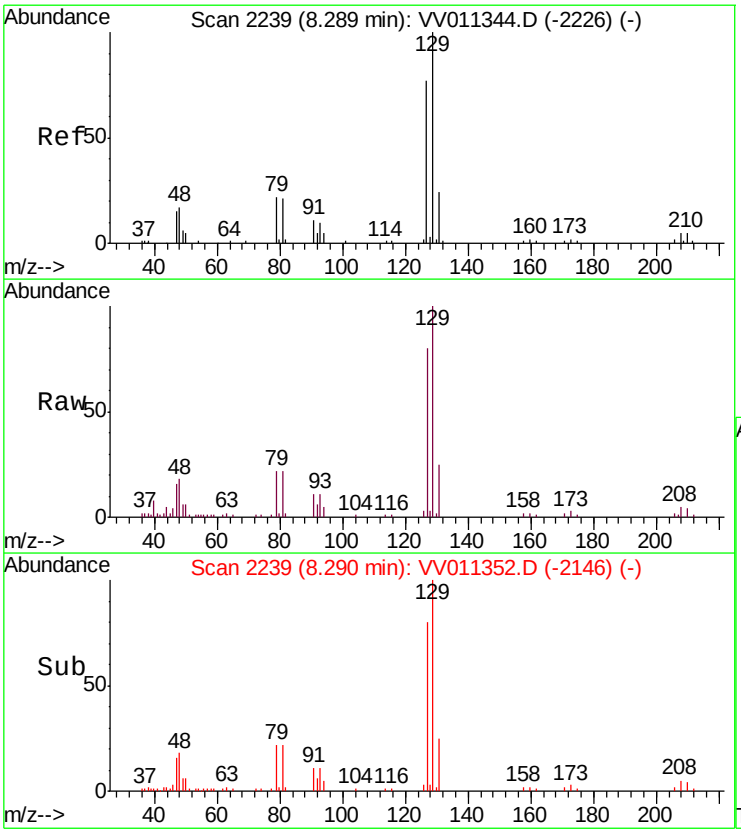
#48
2-Hexanone
Concen: 2.695 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV011352.D
Acq: 10 Jun 2019 16:07

Instrument : MSVOA_V
ClientSampleId : F9P02RE

Tgt Ion: 43 Resp: 13569

Ion	Ratio	Lower	Upper
43	100		
58	26.8	41.4	62.0#
57	25.5	15.0	22.4#
100	0.3	9.0	13.4#

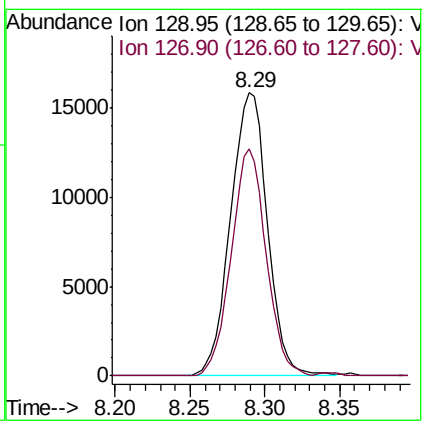


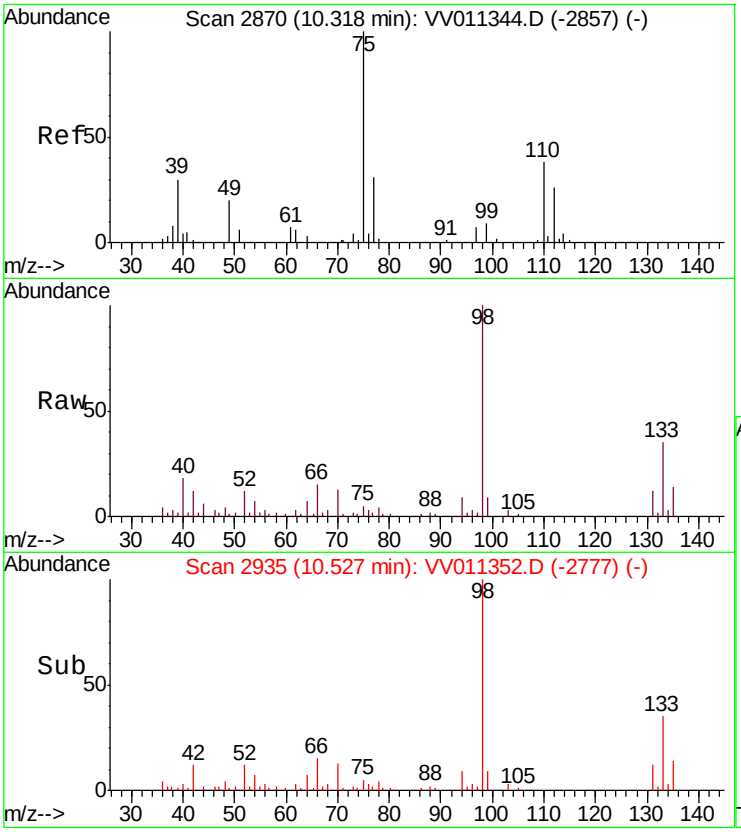


#49
Dibromochloromethane
Concen: 3.309 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV011352.D
Acq: 10 Jun 2019 16:07

Tgt Ion:129 Resp: 27274

Ion	Ratio	Lower	Upper
129	100		
127	80.3	53.7	99.7



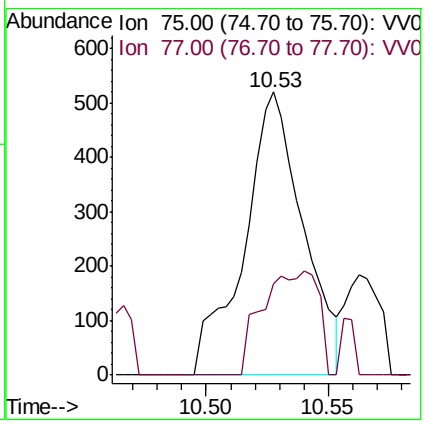


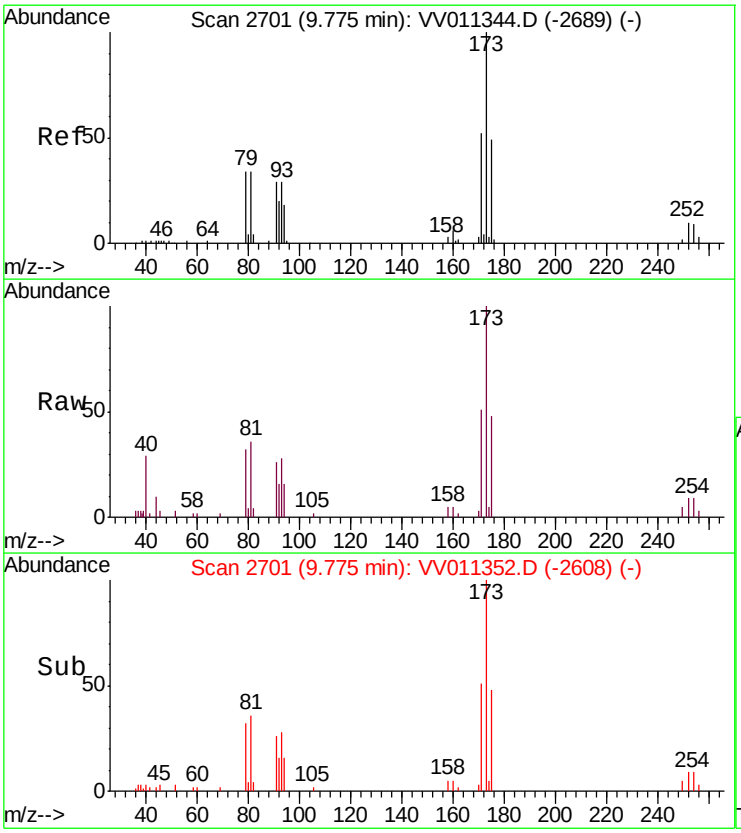
#59
1,2,3-Trichloropropane
Concen: 0.132 ug/L
RT: 10.53 min Scan# 2935
Delta R.T. 0.21 min
Lab File: VV011352.D
Acq: 10 Jun 2019 16:07

Instrument : MSVOA_V
ClientSampleId : F9P02RE

Tgt Ion: 75 Resp: 871

Ion	Ratio	Lower	Upper
75	100		
77	34.8	26.7	40.1





#61
Bromoform
Concen: 2.204 ug/L
RT: 9.78 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV011352.D
Acq: 10 Jun 2019 16:07

Tgt Ion:173 Resp: 7933

Ion	Ratio	Lower	Upper
173	100		
175	46.1	37.0	55.4
254	9.3	6.9	10.3