Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\

Quantitation Report (Not Reviewed)

Data File : VV011598.D
Acq On : 19 Jun 2019 02:26
Operator : SY/MD
Sample : K3386-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0M91

Quant Time: Jun 19 07:54:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	166771	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147669	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	56262	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40023	3.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.60%			
7) Chloroethane-d5	1.57	69	31388	3.93	ug/L	-0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.60%			
11) 1,1-Dichloroethene-d2	2.12	63	97163	4.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.00%			
20) 2-Butanone-d5	3.95	46	186443	52.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.24%			
24) Chloroform-d	4.40	84	107483	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
26) 1,2-Dichloroethane-d4	5.08	65	68436	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.09	84	208857	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.12	67	70228	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.36	98	168778	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	7.66	79	17817	3.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.60%			
46) 2-Hexanone-d5	8.14	63	138017	51.39	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.78%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50473	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	55309	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	2338	0.145	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	913	0.091	ug/L #	56
12) 1,1-Dichloroethene	2.13	96	52431	5.055	ug/L	98
13) Acetone	2.20	43	5897	2.470	ug/L	85
15) Methyl Acetate	2.38	43	26956	4.259	ug/L #	57
16) Methylene chloride	2.52	84	1672	0.142	ug/L	99
19) 1,1-Dichloroethane	3.22	63	10267	0.423	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	82836	6.235	ug/L	93
25) Chloroform	4.42	83	7709	0.317	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	22729	1.237	ug/L	98
31) Carbon tetrachloride	4.65	117	2691	0.181	ug/L	100
34) Trichloroethene	5.96	95	893056	72.606	ug/L	98
35) Methylcyclohexane	6.12	83	16786	0.957	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9339	0.727	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1068	0.086	ug/L	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\

Quantitation Report (Not Reviewed)

Data File : VV011598.D
Acq On : 19 Jun 2019 02:26
Operator : SY/MD
Sample : K3386-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0M91

Quant Time: Jun 19 07:54:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

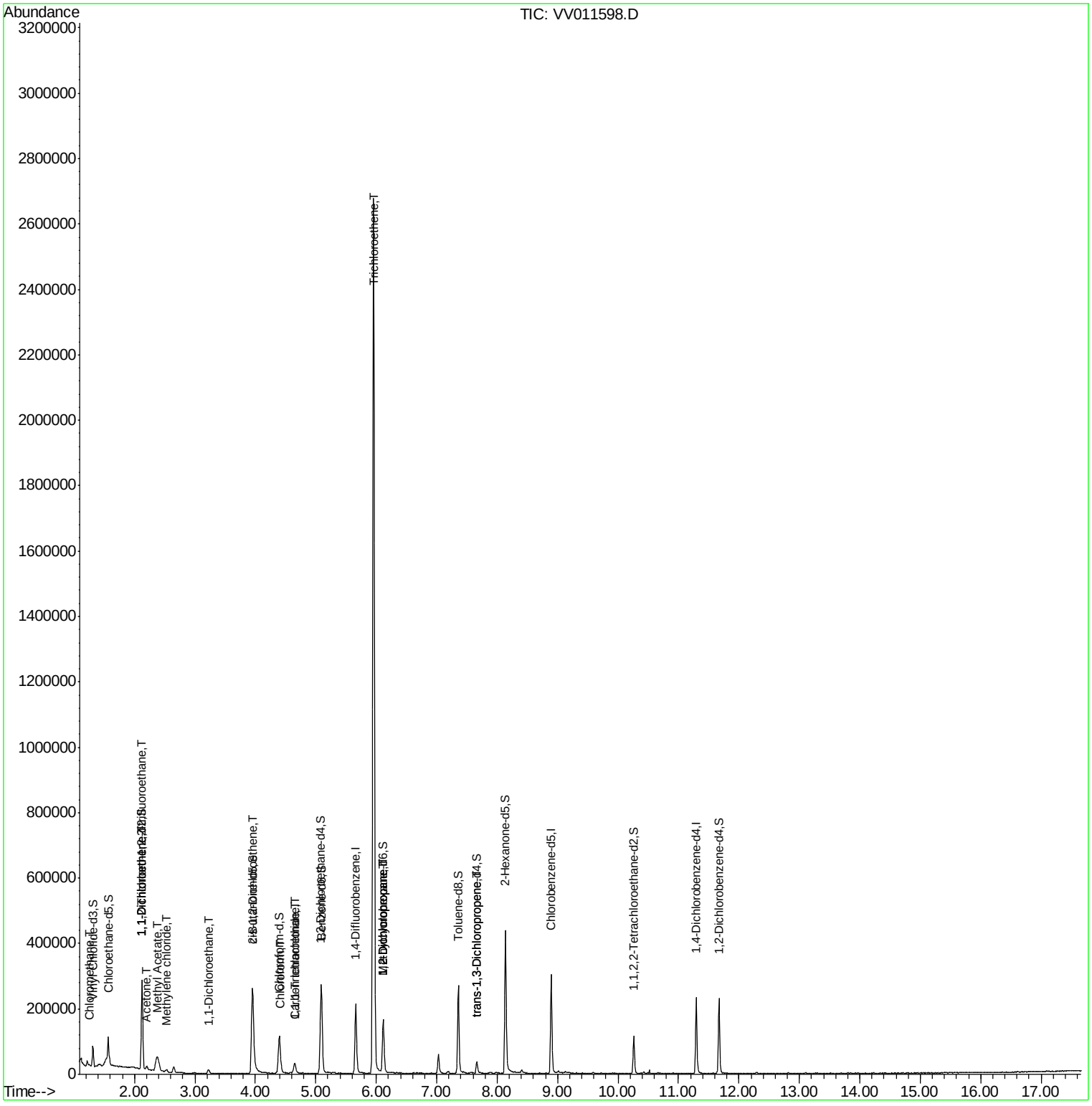
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\

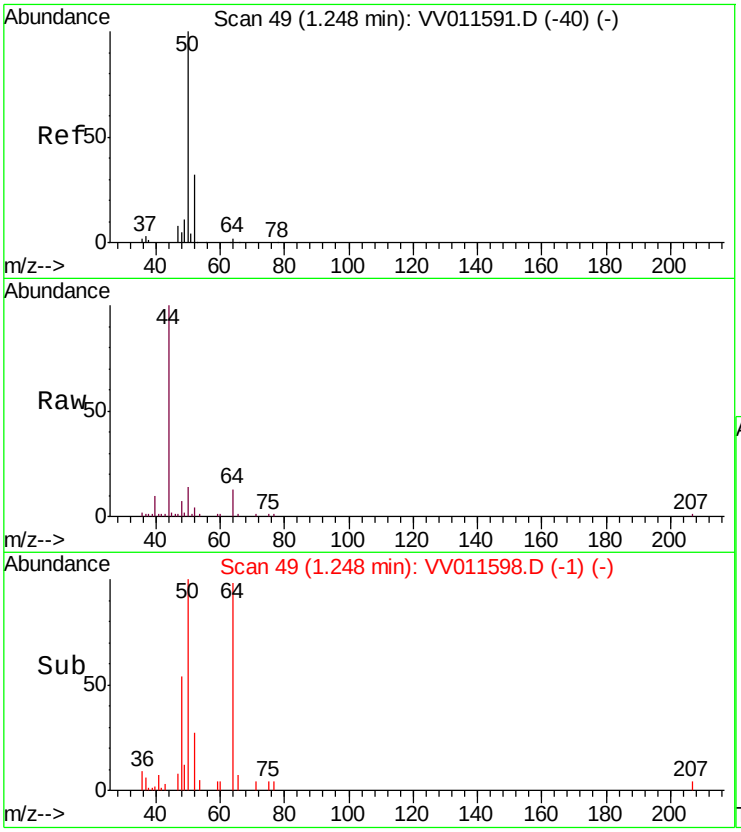
Quantitation Report (Not Reviewed)

Data File : VV011598.D
Acq On : 19 Jun 2019 02:26
Operator : SY/MD
Sample : K3386-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0M91

Quant Time: Jun 19 07:54:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration



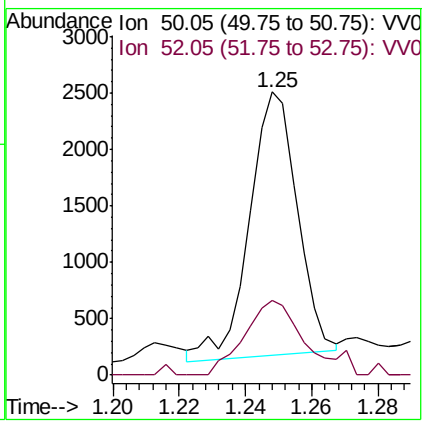


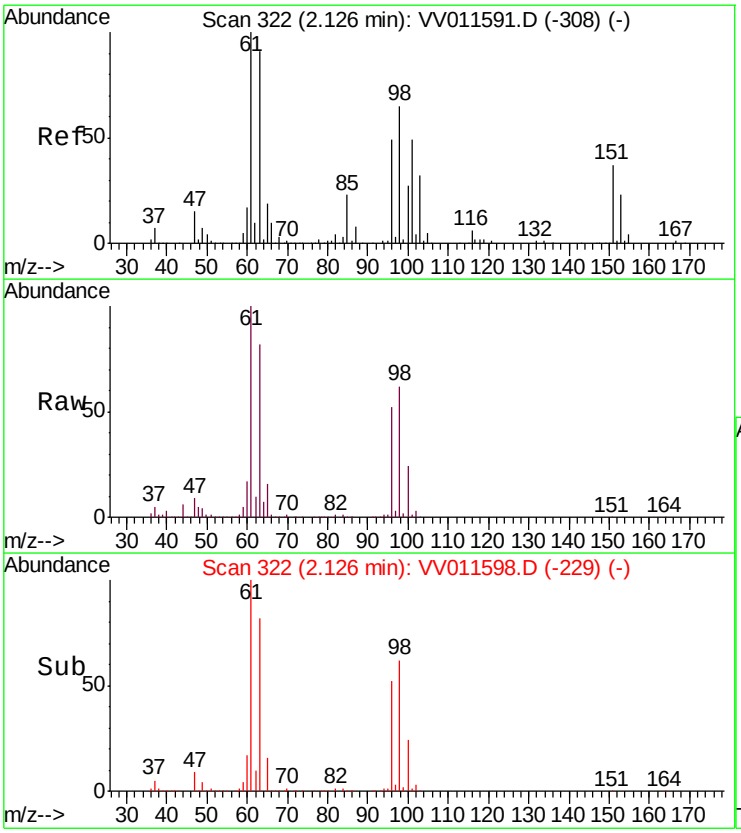
#3
Chloromethane
Concen: 0.145 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Instrument :
MSVOA_V
ClientSampleId :
C0M91

Tgt Ion: 50 Resp: 2338

Ion	Ratio	Lower	Upper
50	100		
52	26.6	22.7	42.1

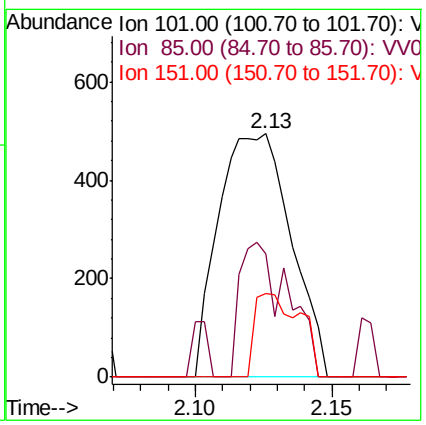


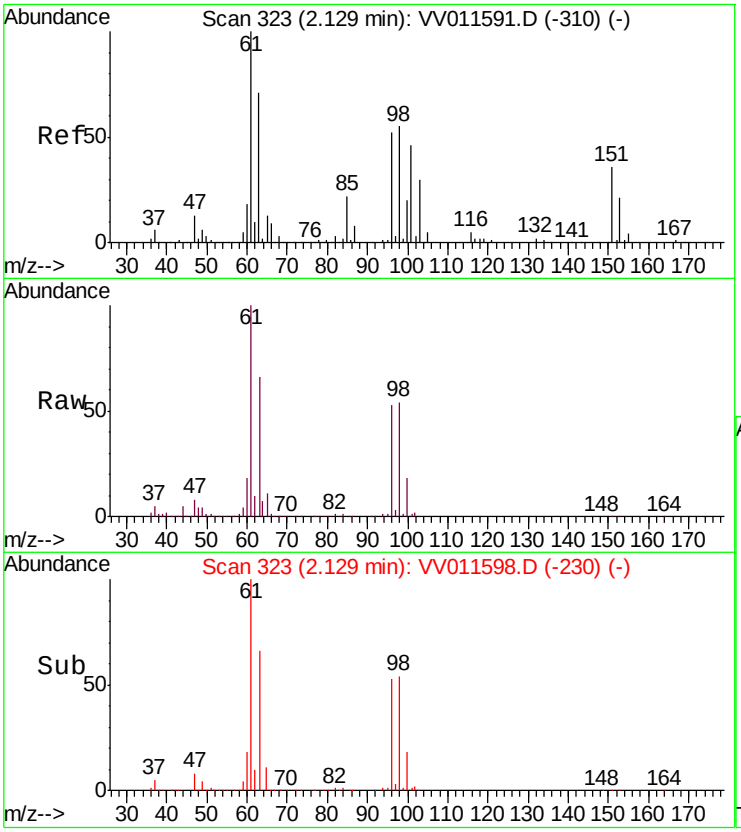


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.091 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.00 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Tgt Ion:101 Resp: 913

Ion	Ratio	Lower	Upper
101	100		
85	36.6	37.3	55.9#
151	21.2	59.4	89.2#



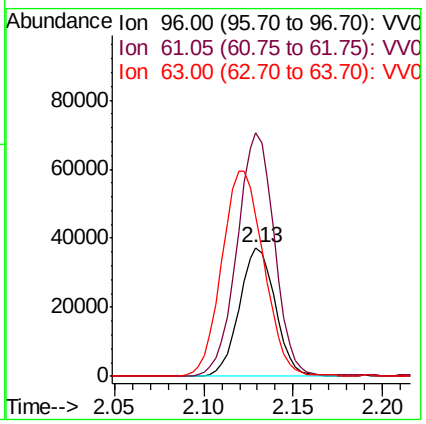


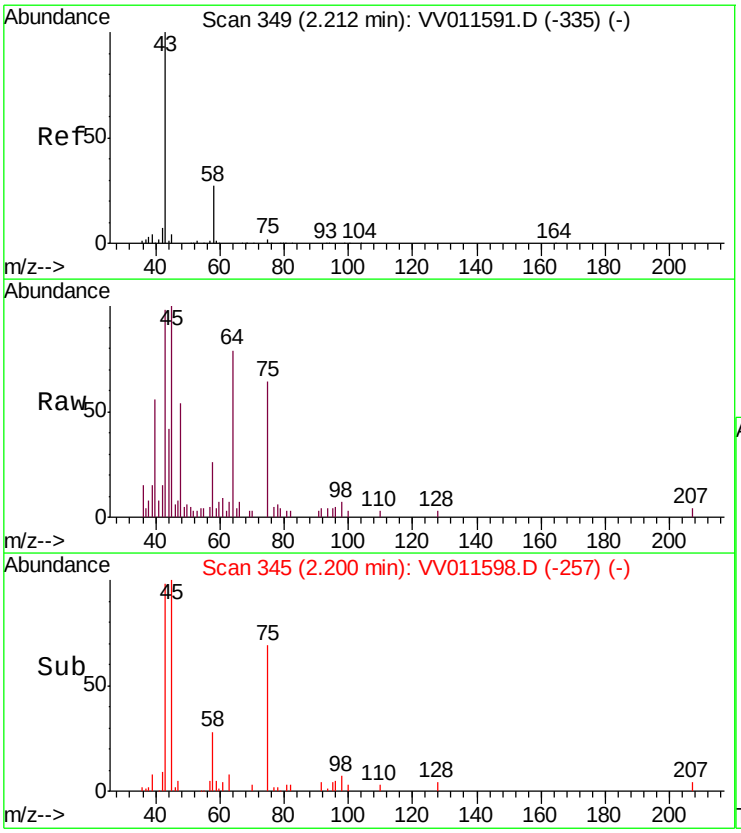
#12
1,1-Dichloroethene
Concen: 5.055 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.00 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Instrument : MSVOA_V
ClientSampleId : C0M91

Tgt Ion: 96 Resp: 52431

Ion	Ratio	Lower	Upper
96	100		
61	189.6	135.9	252.5
63	124.7	86.2	160.2

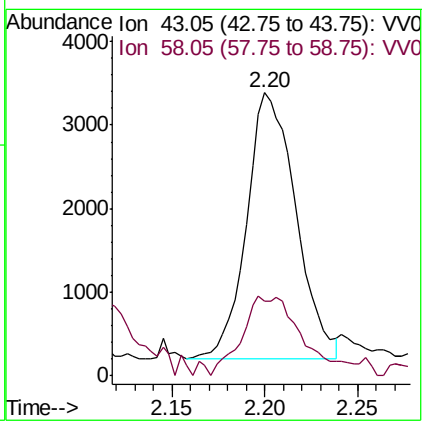


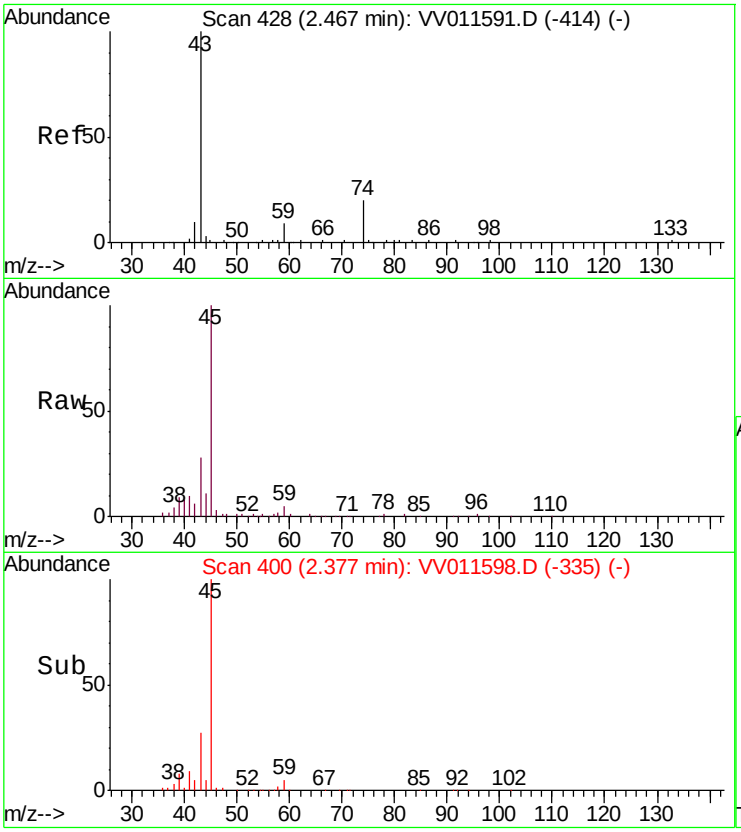


#13
Acetone
Concen: 2.470 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.02 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Tgt Ion: 43 Resp: 5897

Ion	Ratio	Lower	Upper
43	100		
58	37.1	0.0	57.8



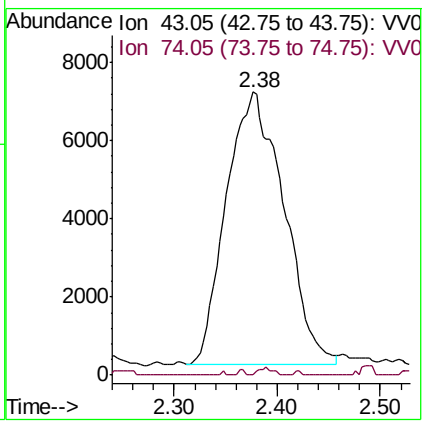


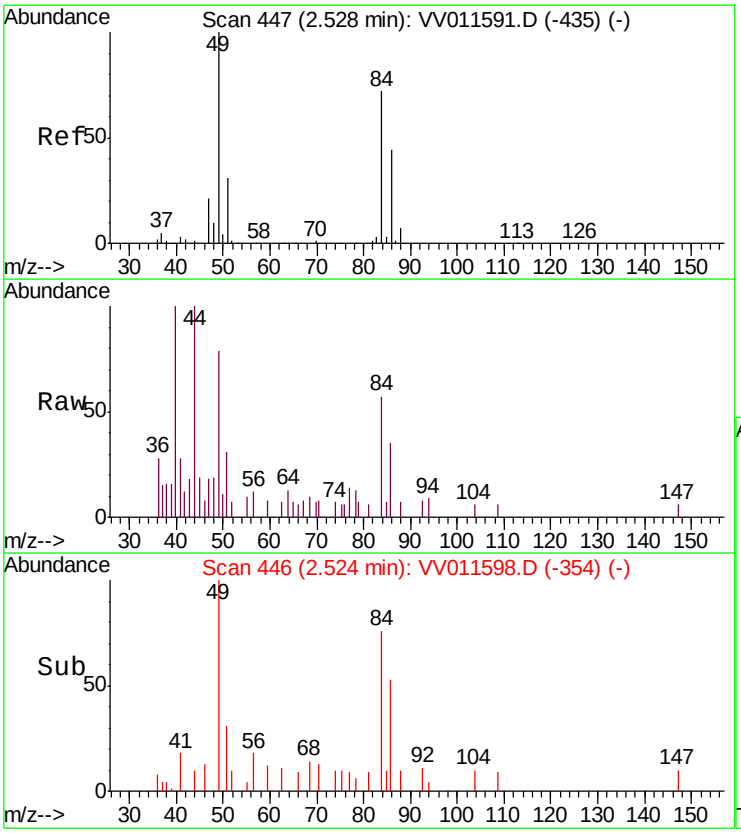
#15
Methyl Acetate
Concen: 4.259 ug/L
RT: 2.38 min Scan# 400
Delta R.T. -0.09 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Instrument :
MSVOA_V
ClientSampleId :
C0M91

Tgt Ion: 43 Resp: 26956

Ion	Ratio	Lower	Upper
43	100		
74	0.7	16.5	24.7#

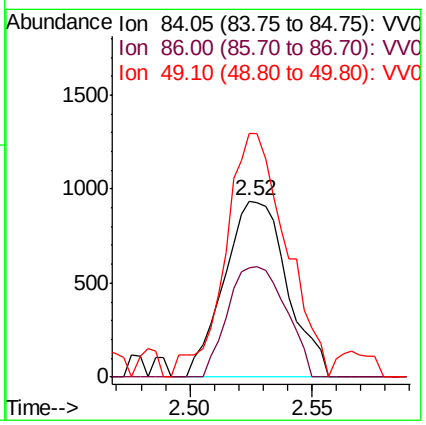


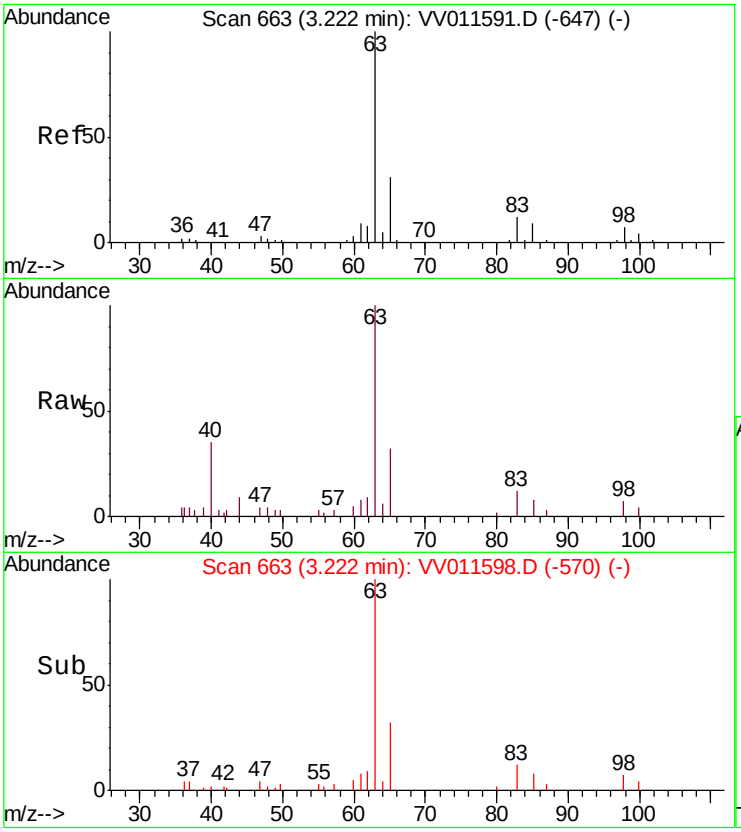


#16
Methylene chloride
Concen: 0.142 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Tgt Ion: 84 Resp: 1672

Ion	Ratio	Lower	Upper
84	100		
86	61.6	42.5	78.9
49	138.1	97.7	181.5



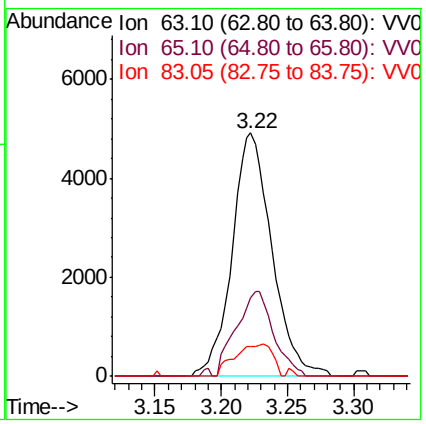


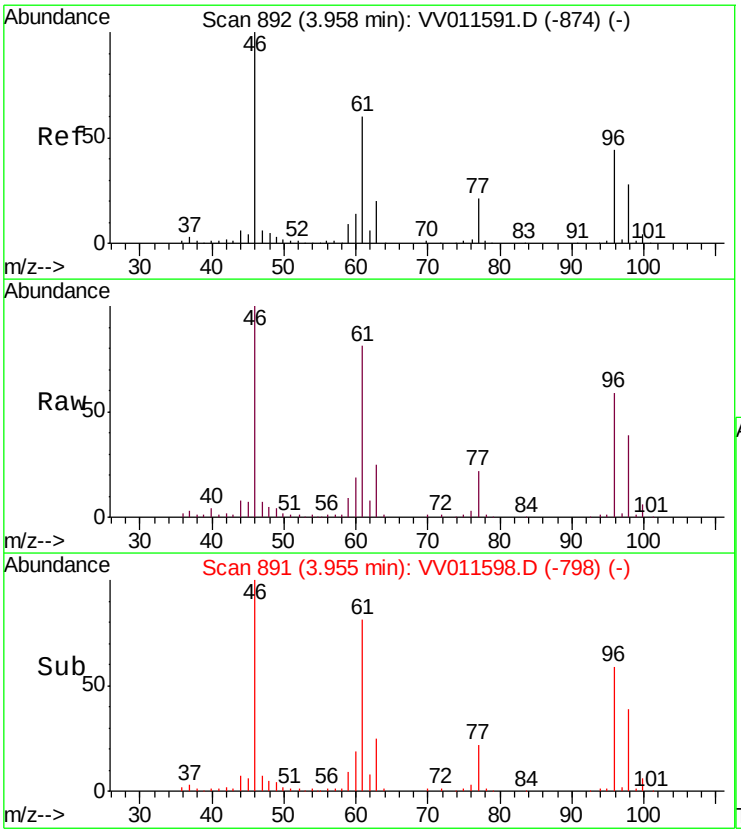
#19
1,1-Dichloroethane
Concen: 0.423 ug/L
RT: 3.22 min Scan# 663
Delta R.T. 0.00 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Instrument : MSVOA_V
ClientSampleId : C0M91

Tgt Ion: 63 Resp: 10267

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.5	41.9
83	12.3	10.1	18.9

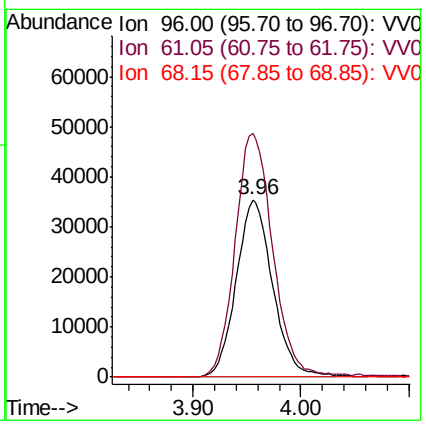


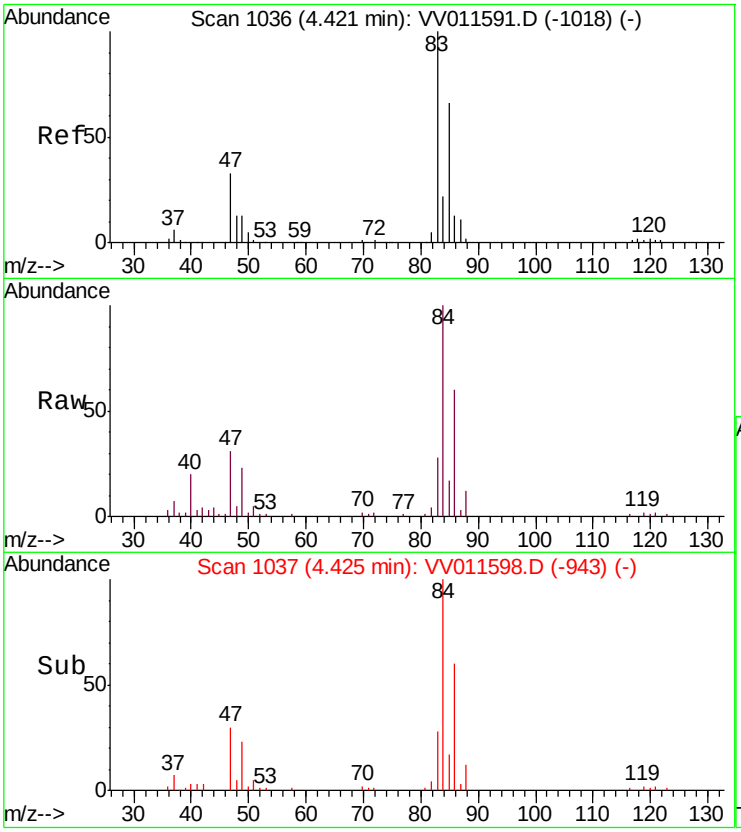


#22
cis-1,2-Dichloroethene
Concen: 6.235 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Tgt Ion: 96 Resp: 82836

Ion	Ratio	Lower	Upper
96	100		
61	137.5	102.2	189.8
68	0.0	0.0	0.0



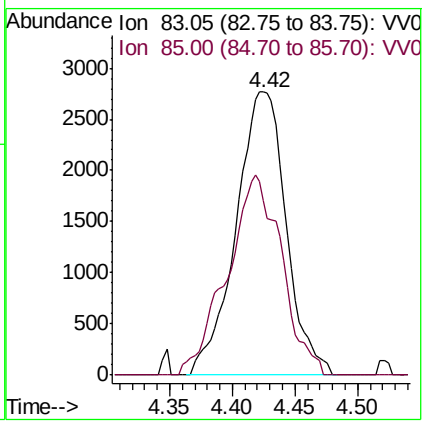


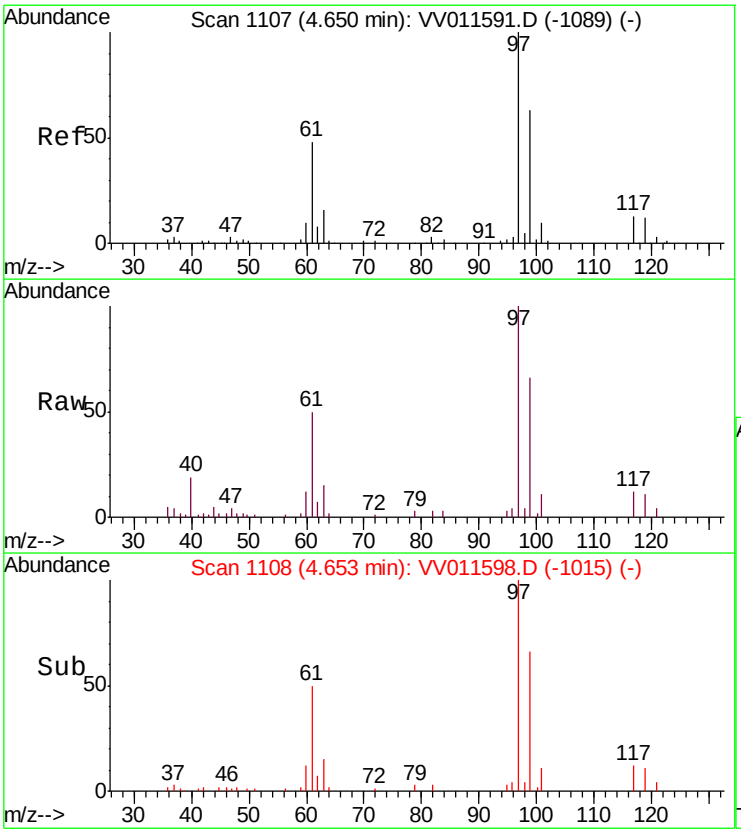
#25
Chloroform
Concen: 0.317 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Instrument :
MSVOA_V
ClientSampleId :
C0M91

Tgt Ion: 83 Resp: 7709

Ion	Ratio	Lower	Upper
83	100		
85	61.5	44.6	82.8

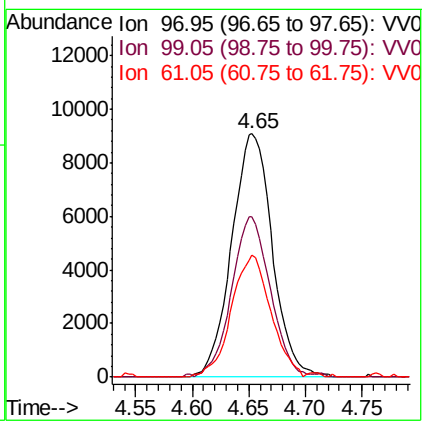


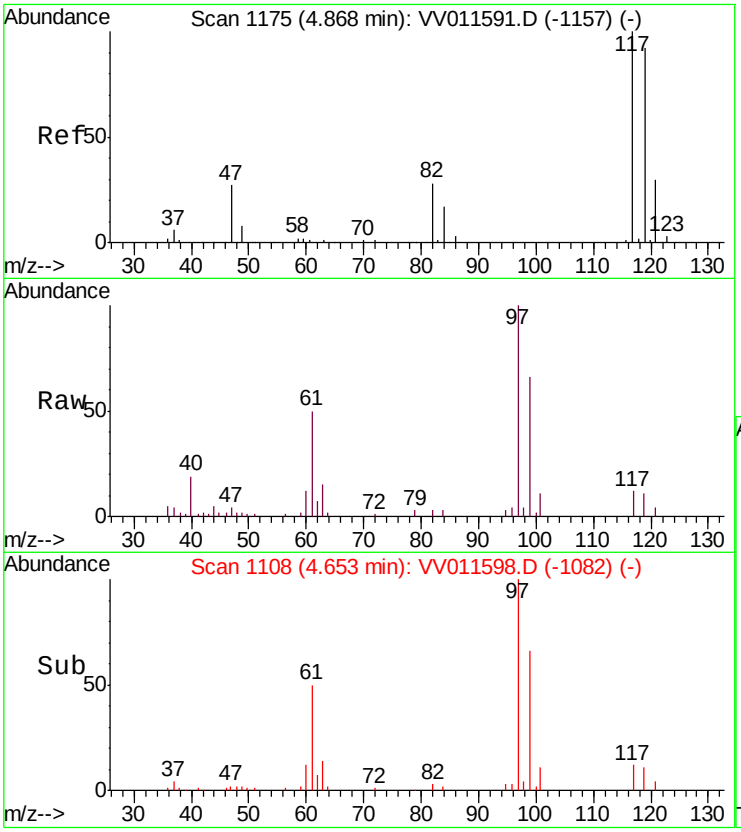


#29
1,1,1-Trichloroethane
Concen: 1.237 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Tgt Ion: 97 Resp: 22729

Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.6	77.4
61	48.6	40.4	60.6



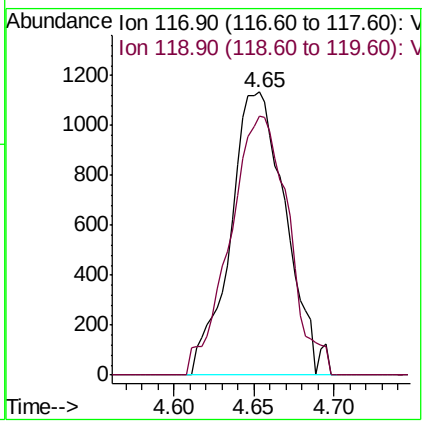


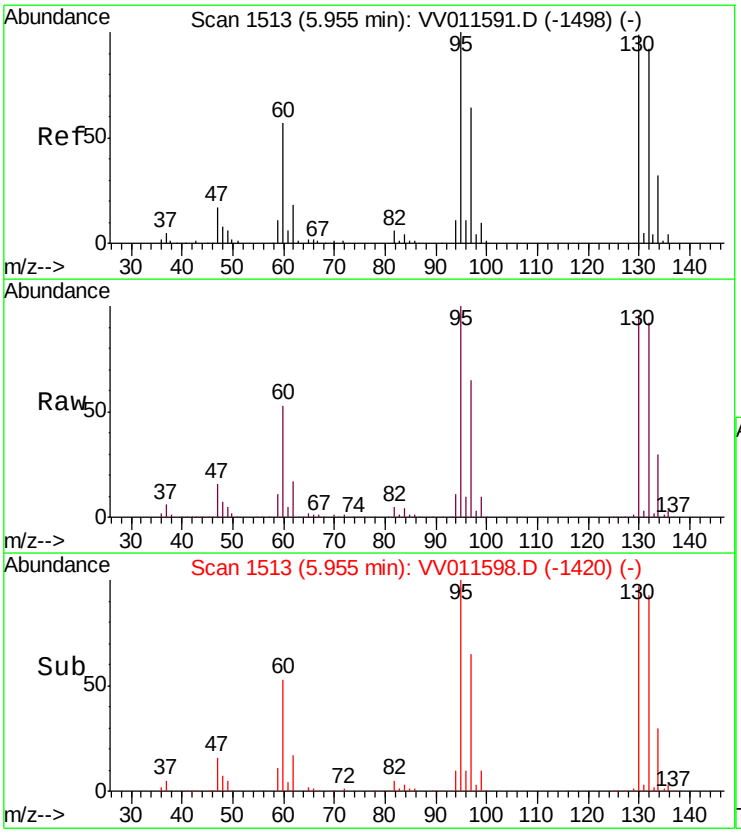
#31
Carbon tetrachloride
Concen: 0.181 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.22 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Instrument :
MSVOA_V
ClientSampleId :
C0M91

Tgt Ion:117 Resp: 2691

Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.4	116.2

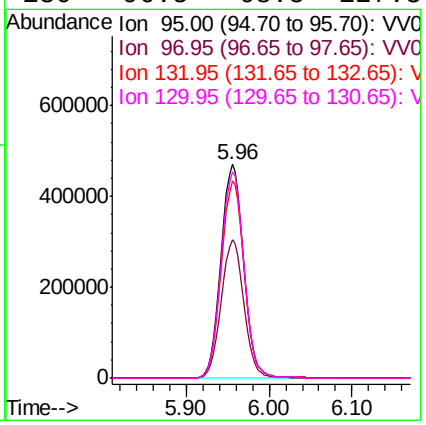


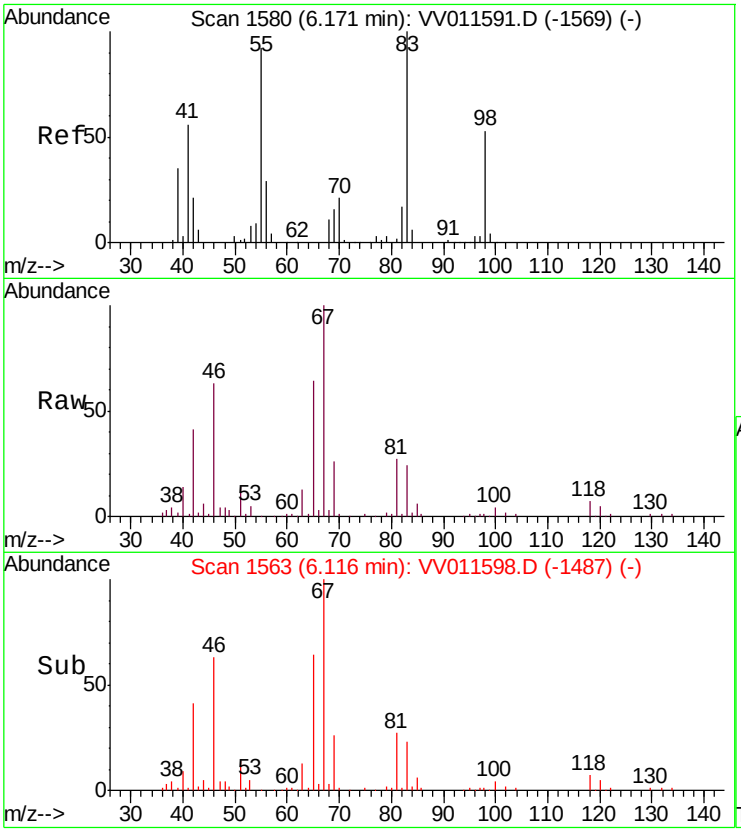


#34
Trichloroethene
Concen: 72.606 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Tgt Ion: 95 Resp: 893056

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.4	82.4
132	92.1	63.5	117.9
130	96.5	68.5	127.3



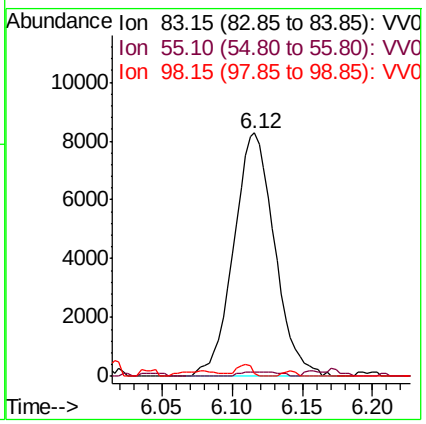


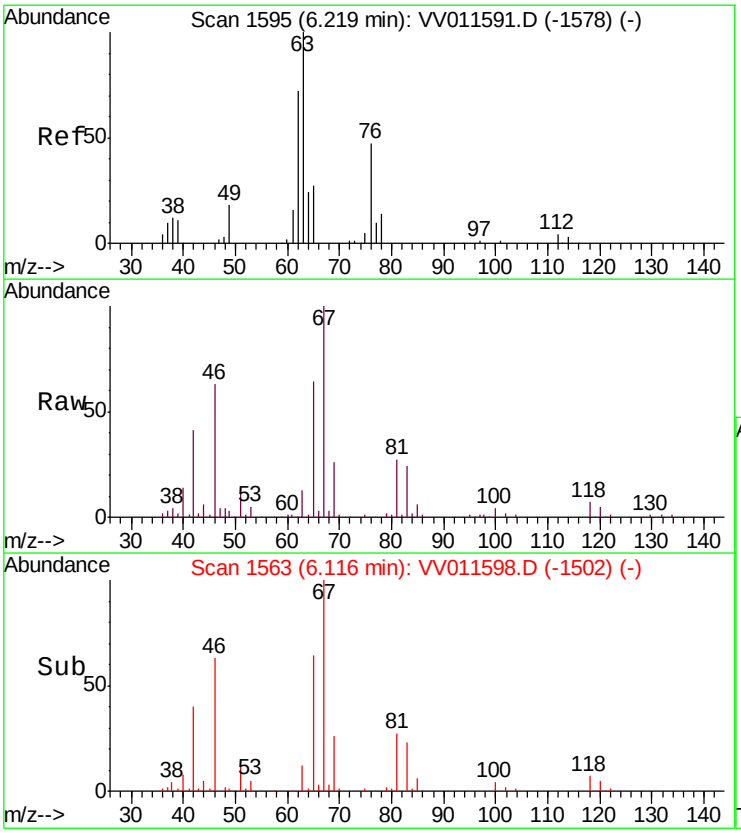
#35
Methylcyclohexane
Concen: 0.957 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Instrument :
MSVOA_V
ClientSampleId :
C0M91

Tgt Ion: 83 Resp: 16786

Ion	Ratio	Lower	Upper
83	100		
55	1.8	67.9	101.9#
98	0.0	39.6	59.4#

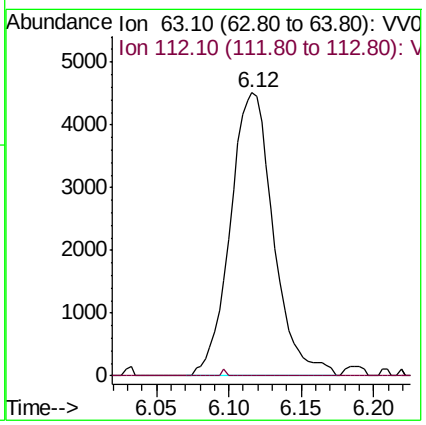


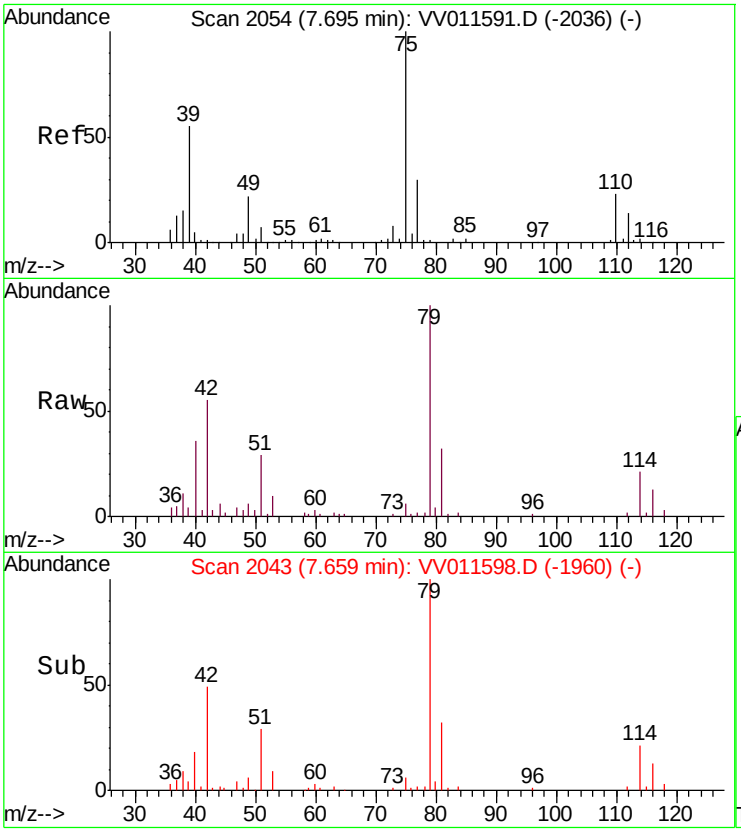


#37
1,2-Dichloropropane
Concen: 0.727 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Tgt Ion: 63 Resp: 9339

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.7	5.5#





#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV011598.D
Acq: 19 Jun 2019 02:26

Instrument :
MSVOA_V
ClientSampleId :
C0M91

Tgt Ion: 75 Resp: 1068

Ion	Ratio	Lower	Upper
75	100		
77	39.2	22.8	42.4