Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
Data File : VV011621.D
Acq On : 19 Jun 2019 16:29
Operator : SY/MD
Sample : K3386-11DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0M91DL

Quant Time: Jun 20 02:10:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	182062	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165494	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65928	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	51169	3.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.40%			
7) Chloroethane-d5	1.57	69	32047	3.68	ug/L	-0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.60%			
11) 1,1-Dichloroethene-d2	2.11	63	84491	3.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.60%			
20) 2-Butanone-d5	3.96	46	130036	33.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 67.24%			
24) Chloroform-d	4.39	84	95035	3.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 71.80%			
26) 1,2-Dichloroethane-d4	5.08	65	55953	3.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.60%			
32) Benzene-d6	5.09	84	200218	4.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.00%			
36) 1,2-Dichloropropane-d6	6.11	67	60165	3.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 76.80%			
41) Toluene-d8	7.36	98	172540	3.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.40%			
43) trans-1,3-Dichloropropene-	7.67	79	17829	3.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 68.40%			
46) 2-Hexanone-d5	8.14	63	94142	31.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 62.56%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38794	3.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 66.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	54005	4.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.20%			

Target Compounds						Qvalue
3) Chloromethane	1.25	50	5132	0.292	ug/L	96
6) Bromomethane	1.53	94	2916	0.401	ug/L	98
8) Chloroethane	1.60	64	1193	0.142	ug/L #	70
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1090	0.100	ug/L #	42
12) 1,1-Dichloroethene	2.12	96	11427	1.009	ug/L #	3
13) Acetone	2.21	43	4064	1.559	ug/L	66
15) Methyl Acetate	2.42	43	6423	0.930	ug/L #	63
16) Methylene chloride	2.53	84	2191	0.170	ug/L	95
19) 1,1-Dichloroethane	3.22	63	2431	0.092	ug/L #	75
22) cis-1,2-Dichloroethene	3.96	96	17966	1.239	ug/L	96
25) Chloroform	4.42	83	2445	0.092	ug/L #	66
29) 1,1,1-Trichloroethane	4.65	97	4947	0.240	ug/L	95
34) Trichloroethene	5.96	95	199659	14.484	ug/L	98
35) Methylcyclohexane	6.11	83	15456	0.786	ug/L #	15
37) 1,2-Dichloropropane	6.11	63	7816	0.543	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1146	0.083	ug/L	87
48) 2-Hexanone	8.14	43	13178	1.828	ug/L #	68

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
Data File : VV011621.D
Acq On : 19 Jun 2019 16:29
Operator : SY/MD
Sample : K3386-11DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0M91DL

Quant Time: Jun 20 02:10:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) 1,3,5-Trichlorobenzene	12.69	180	978	0.063	ug/L	#	84
68) 1,2,4-trichlorobenzene	13.31	180	1287	0.103	ug/L		86
70) 1,2,3-Trichlorobenzene	13.80	180	883	0.073	ug/L		93

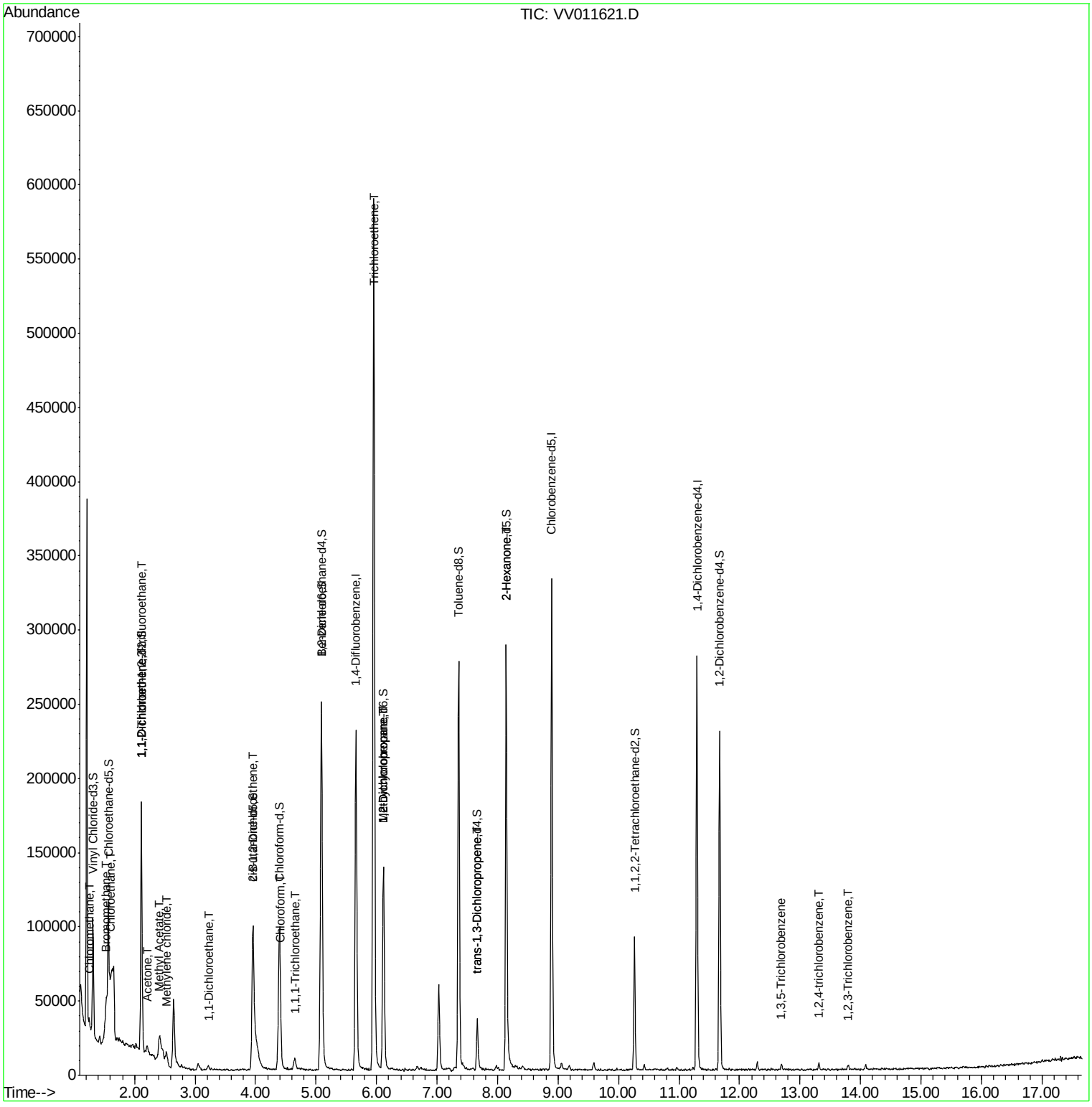
(#) = qualifier out of range (m) = manual integration (+) = signals summed

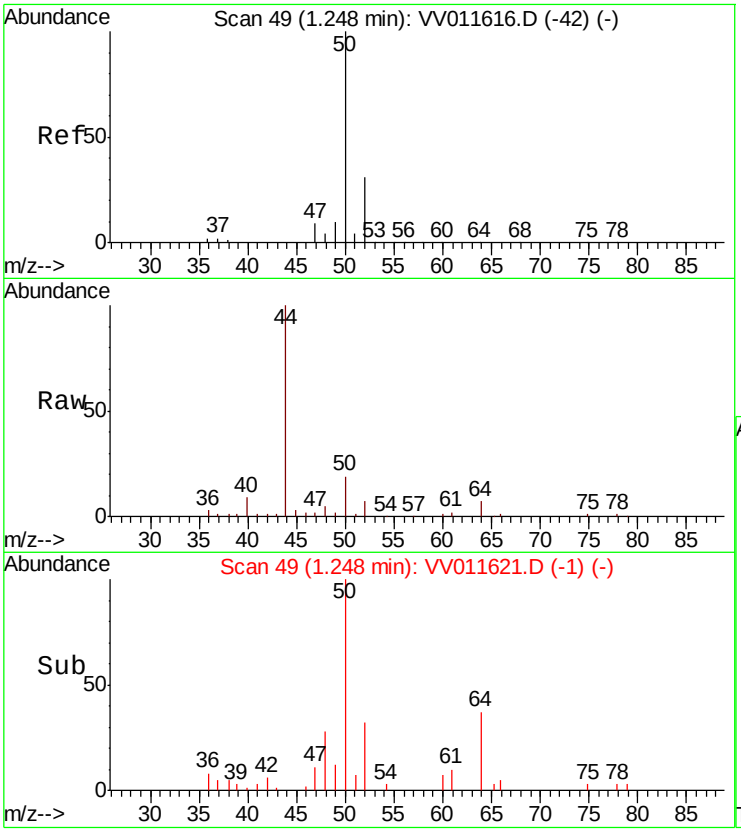
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
Data File : VV011621.D
Acq On : 19 Jun 2019 16:29
Operator : SY/MD
Sample : K3386-11DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0M91DL

Quant Time: Jun 20 02:10:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration



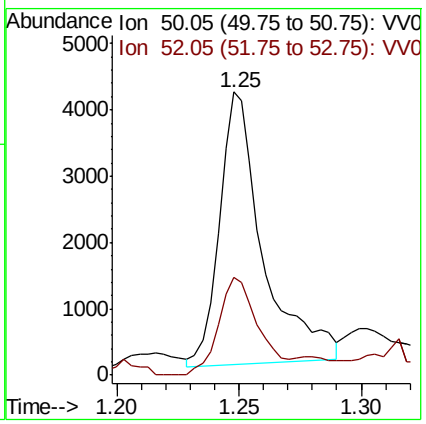


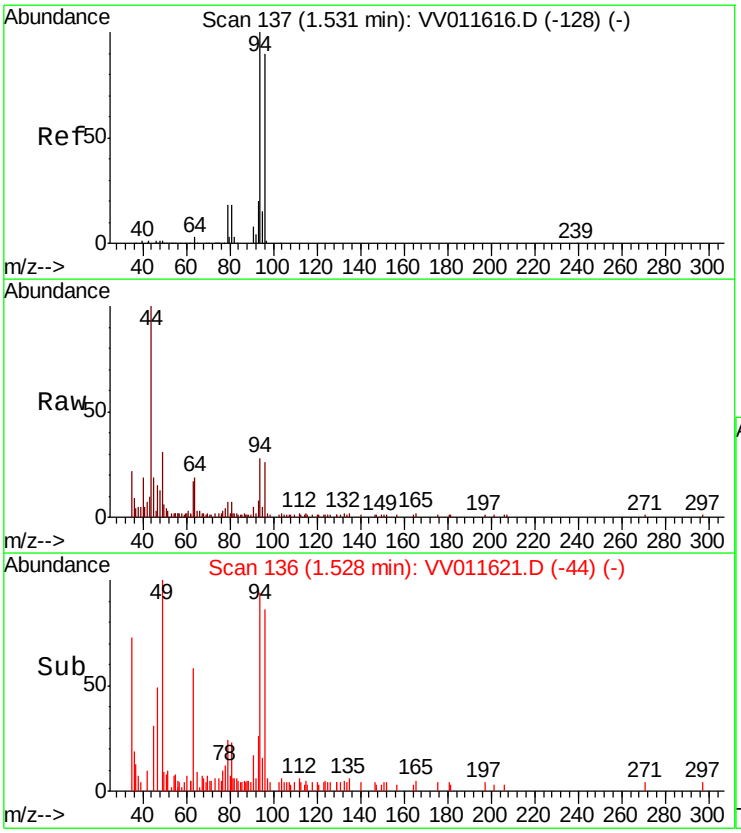
#3
Chloromethane
Concen: 0.292 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Instrument :
MSVOA_V
ClientSampleId :
C0M91DL

Tgt Ion: 50 Resp: 5132

Ion	Ratio	Lower	Upper
50	100		
52	34.7	22.7	42.1

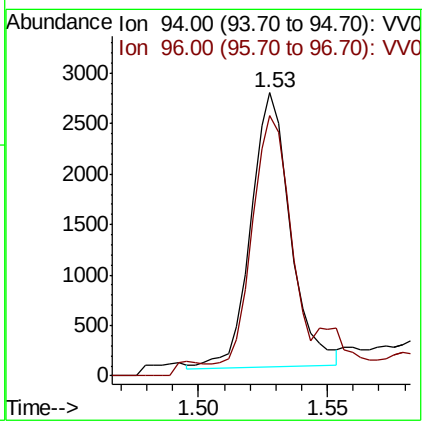


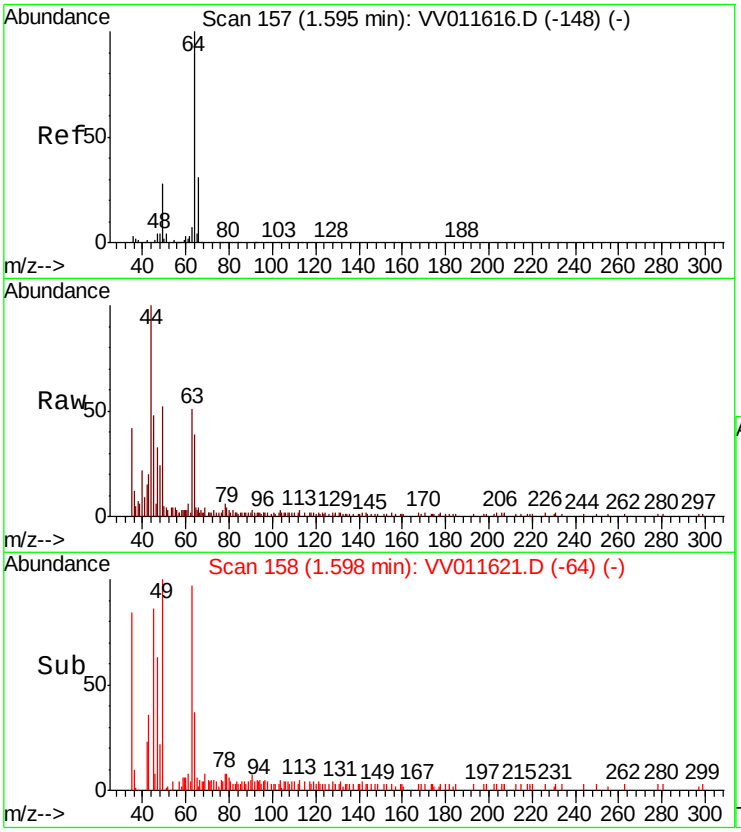


#6
Bromomethane
Concen: 0.401 ug/L
RT: 1.53 min Scan# 136
Delta R.T. -0.00 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Tgt Ion: 94 Resp: 2916

Ion	Ratio	Lower	Upper
94	100		
96	91.9	65.5	121.7



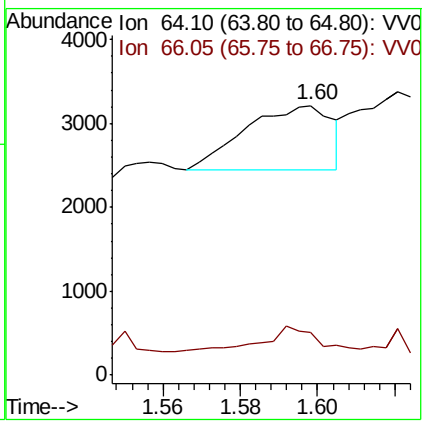


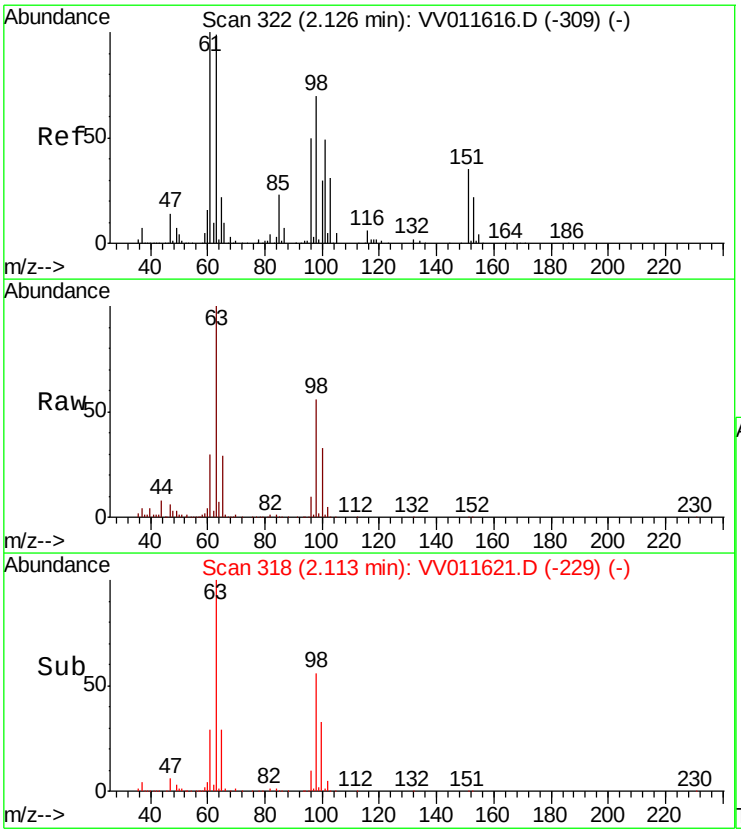
#8
Chloroethane
Concen: 0.142 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Instrument :
MSVOA_V
ClientSampleId :
C0M91DL

Tgt Ion: 64 Resp: 1193

Ion	Ratio	Lower	Upper
64	100		
66	14.6	21.6	40.2#

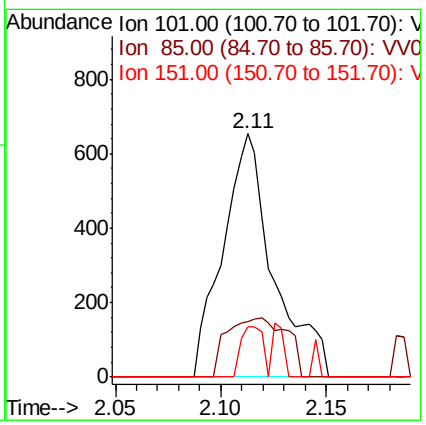


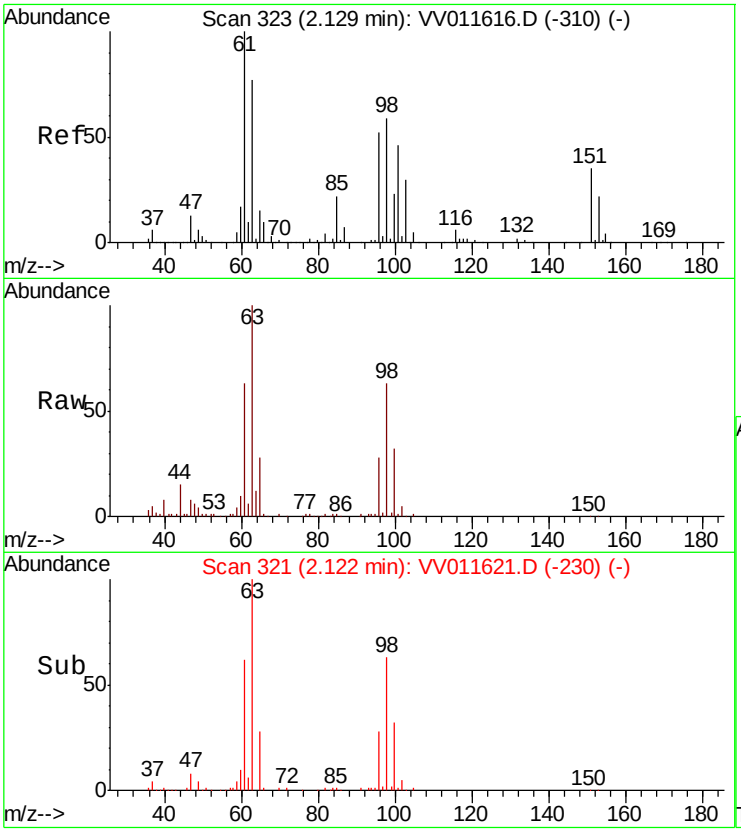


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.100 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.01 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Tgt Ion:101 Resp: 1090

Ion	Ratio	Lower	Upper
101	100		
85	28.4	37.3	55.9#
151	8.8	59.4	89.2#



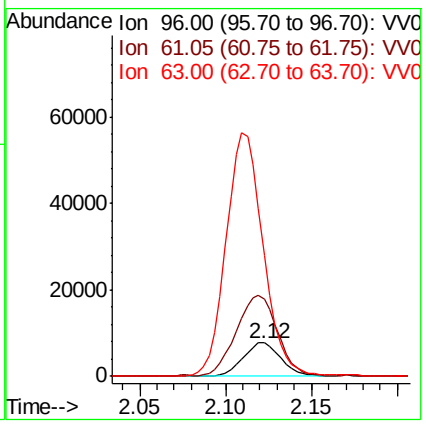


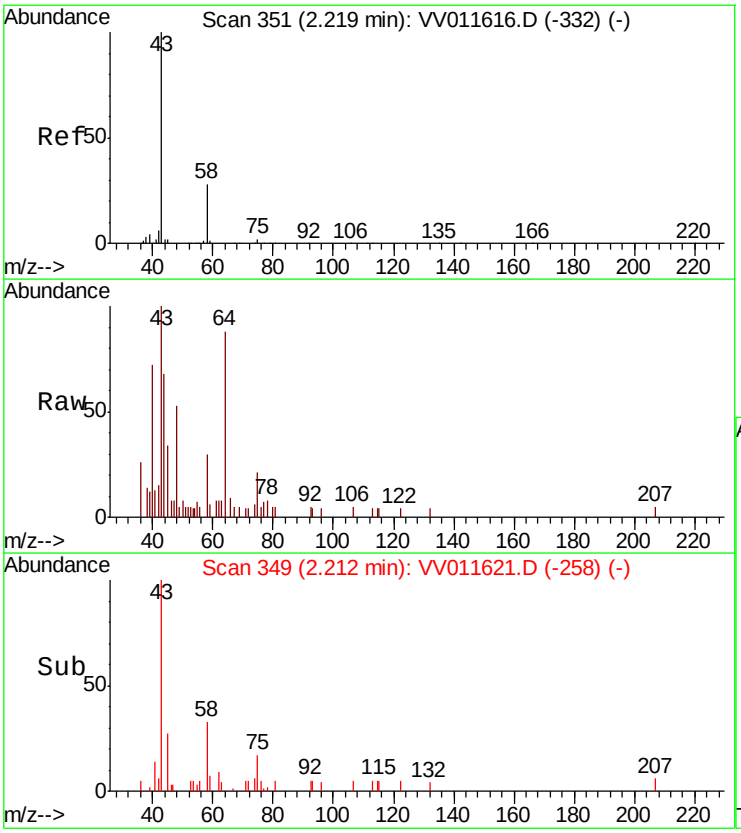
#12
1,1-Dichloroethene
Concen: 1.009 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Instrument : MSVOA_V
ClientSampleId : C0M91DL

Tgt Ion: 96 Resp: 11427

Ion	Ratio	Lower	Upper
96	100		
61	229.9	135.9	252.5
63	363.2	86.2	160.2#

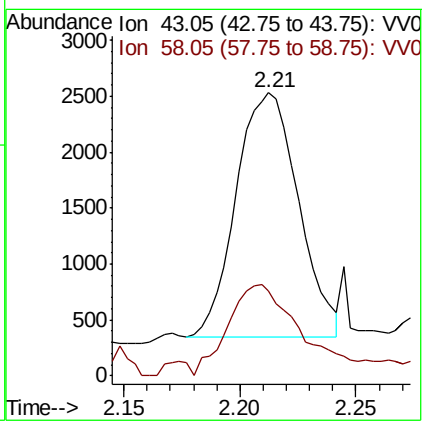


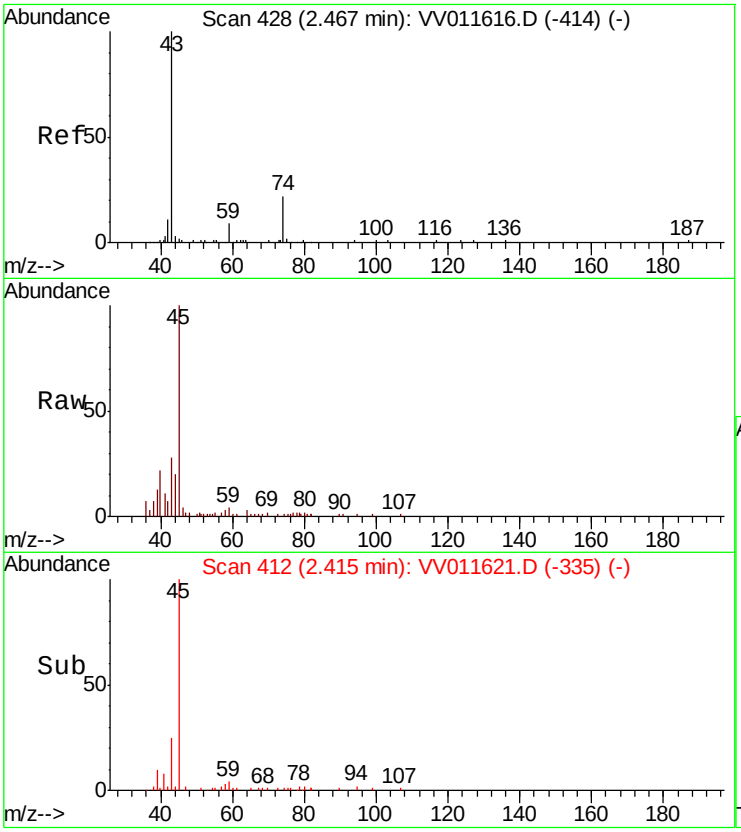


#13
Acetone
Concen: 1.559 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.01 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Tgt Ion: 43 Resp: 4064

Ion	Ratio	Lower	Upper
43	100		
58	47.2	0.0	57.8



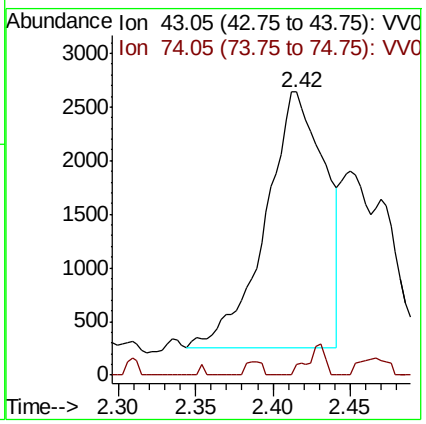


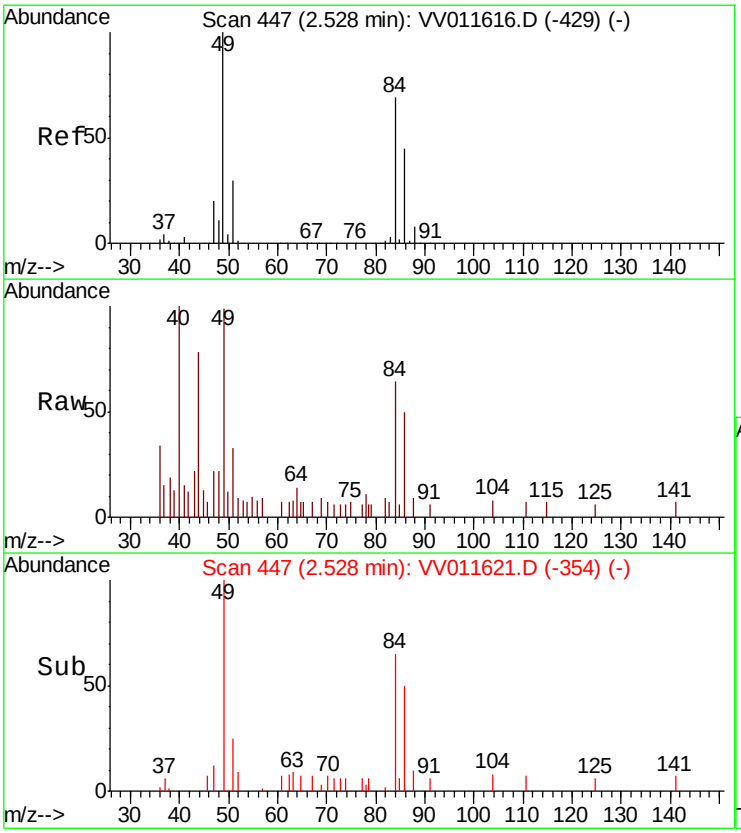
#15
Methyl Acetate
Concen: 0.930 ug/L
RT: 2.42 min Scan# 412
Delta R.T. -0.05 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Instrument : MSVOA_V
ClientSampleId : C0M91DL

Tgt Ion: 43 Resp: 6423

Ion	Ratio	Lower	Upper
43	100		
74	3.4	16.5	24.7#

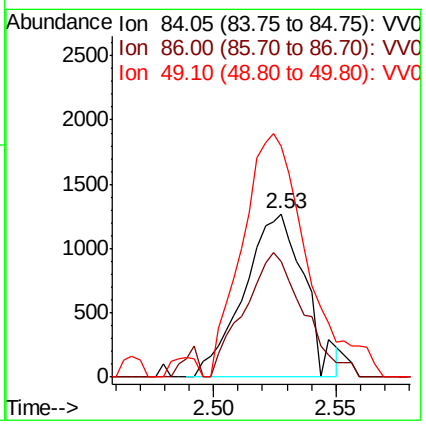


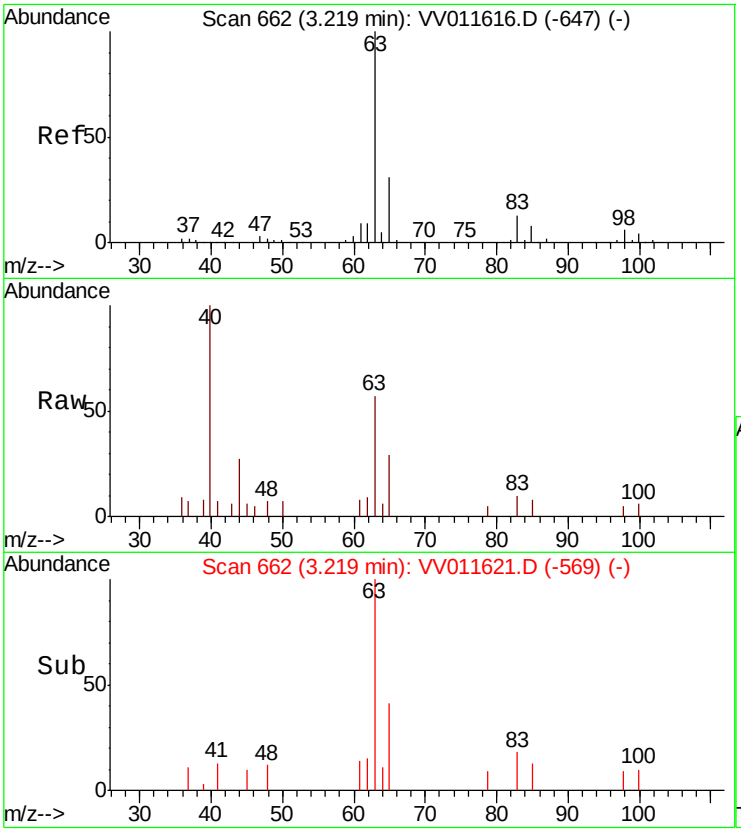


#16
Methylene chloride
Concen: 0.170 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Tgt Ion: 84 Resp: 2191

Ion	Ratio	Lower	Upper
84	100		
86	71.2	42.5	78.9
49	141.5	97.7	181.5



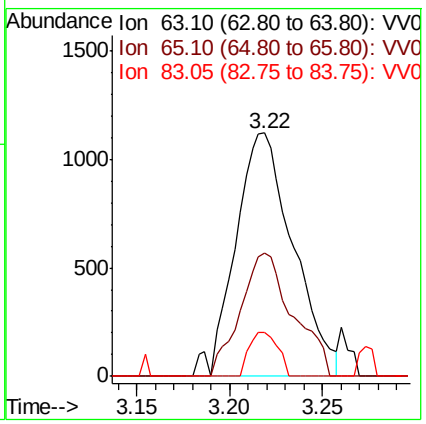


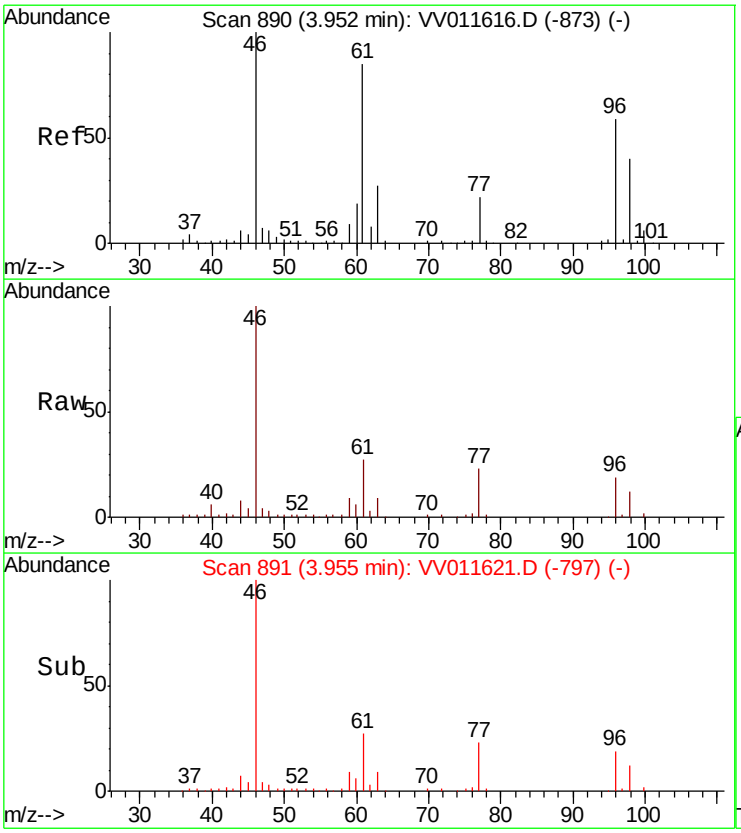
#19
1,1-Dichloroethane
Concen: 0.092 ug/L
RT: 3.22 min Scan# 662
Delta R.T. -0.00 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Instrument : MSVOA_V
ClientSampleId : C0M91DL

Tgt Ion: 63 Resp: 2431

Ion	Ratio	Lower	Upper
63	100		
65	50.7	22.5	41.9#
83	18.1	10.1	18.9

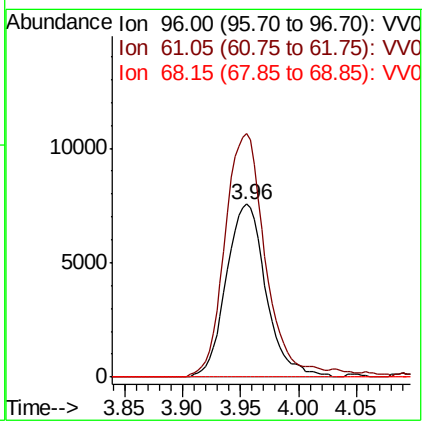


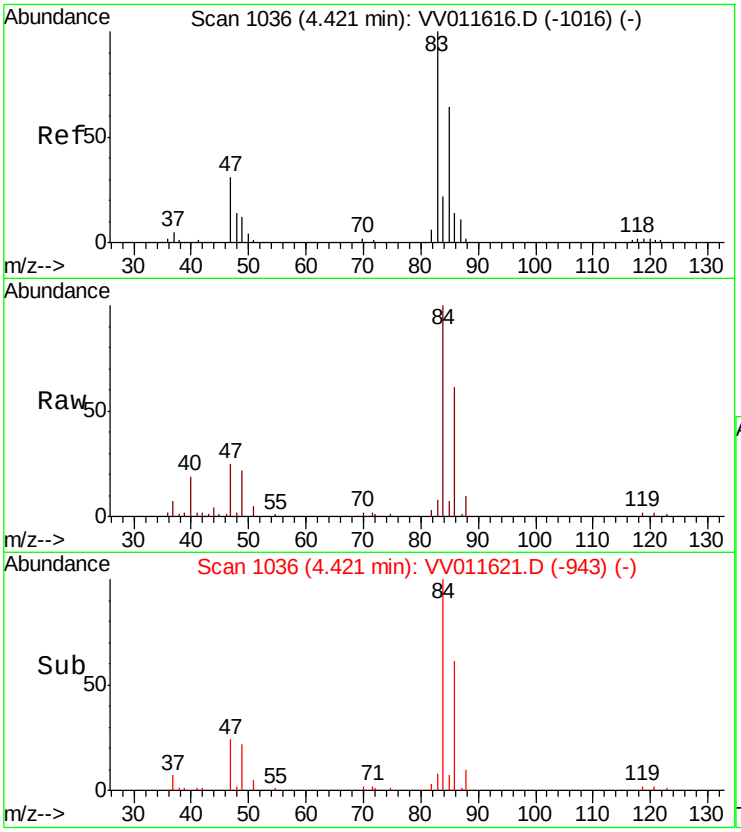


#22
cis-1,2-Dichloroethene
Concen: 1.239 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Tgt Ion: 96 Resp: 17966

Ion	Ratio	Lower	Upper
96	100		
61	140.9	102.2	189.8
68	0.0	0.0	0.0



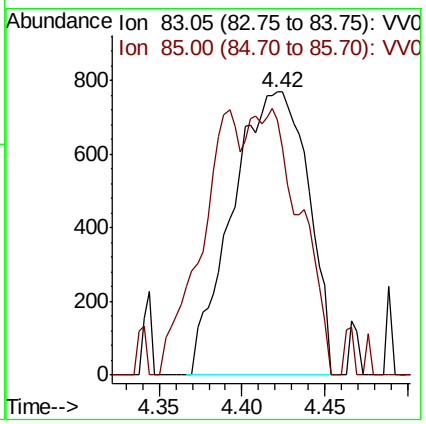


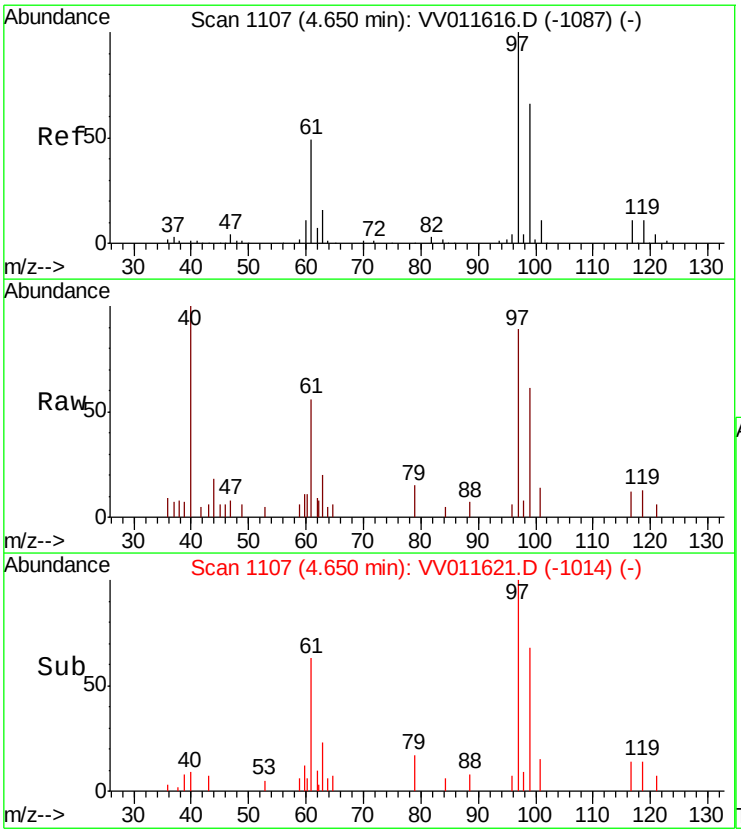
#25
Chloroform
Concen: 0.092 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Instrument :
MSVOA_V
ClientSampleId :
C0M91DL

Tgt Ion: 83 Resp: 2445

Ion	Ratio	Lower	Upper
83	100		
85	90.2	44.6	82.8#

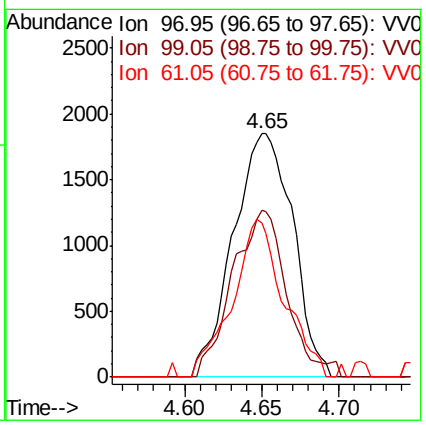


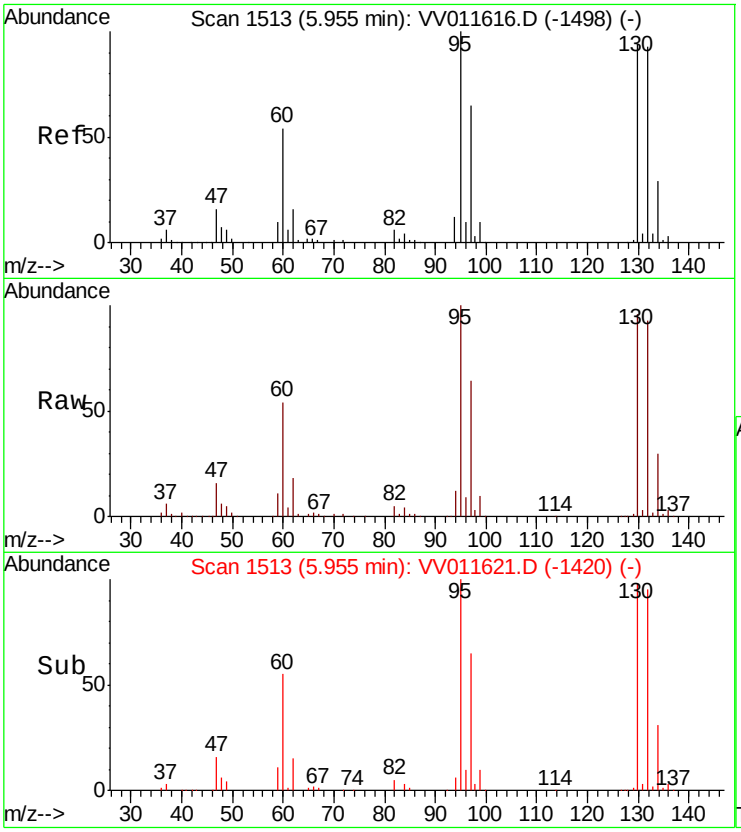


#29
1,1,1-Trichloroethane
Concen: 0.240 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Tgt Ion: 97 Resp: 4947

Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.6	77.4
61	56.2	40.4	60.6



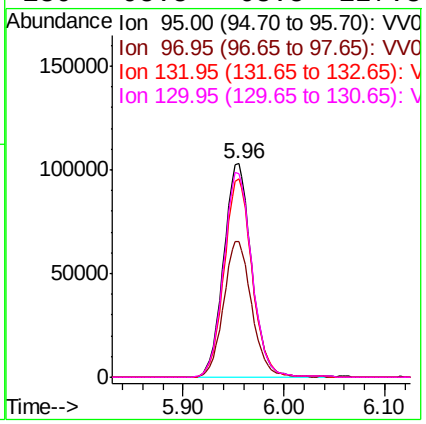


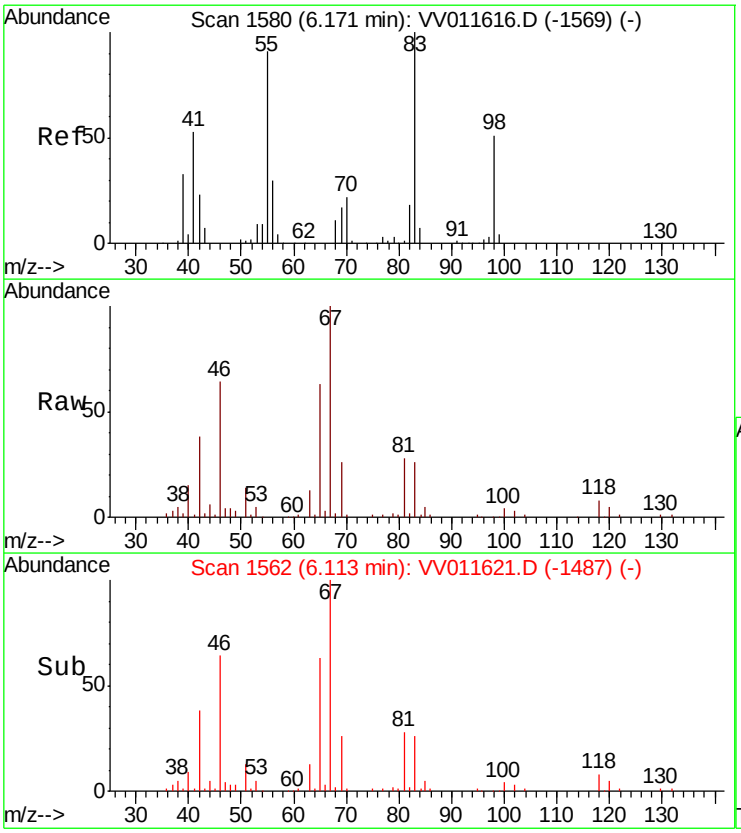
#34
Trichloroethene
Concen: 14.484 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Instrument :
MSVOA_V
ClientSampleId :
C0M91DL

Tgt Ion: 95 Resp: 199659

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.4	82.4
132	92.6	63.5	117.9
130	95.5	68.5	127.3

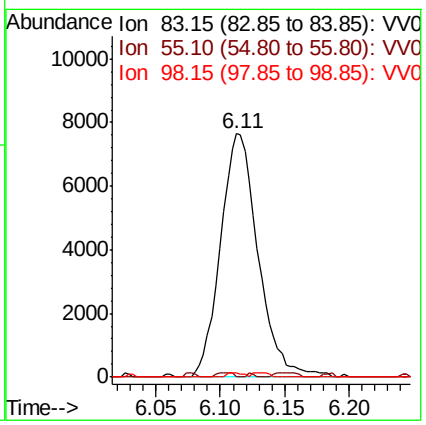


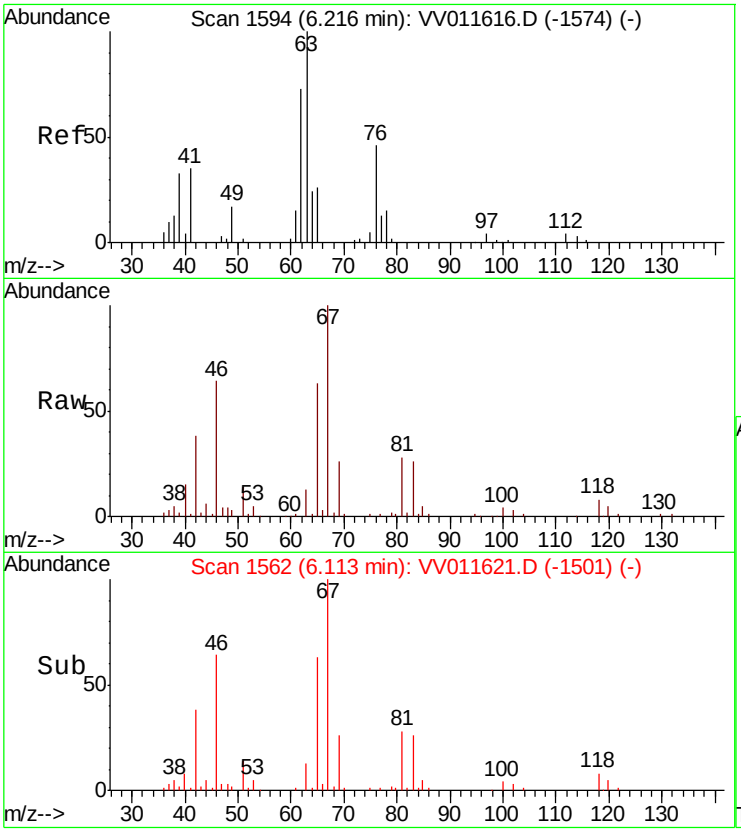


#35
Methylcyclohexane
Concen: 0.786 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Tgt Ion: 83 Resp: 15456

Ion	Ratio	Lower	Upper
83	100		
55	0.8	67.9	101.9#
98	0.0	39.6	59.4#



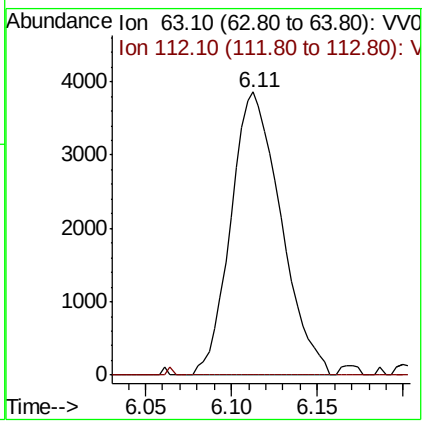


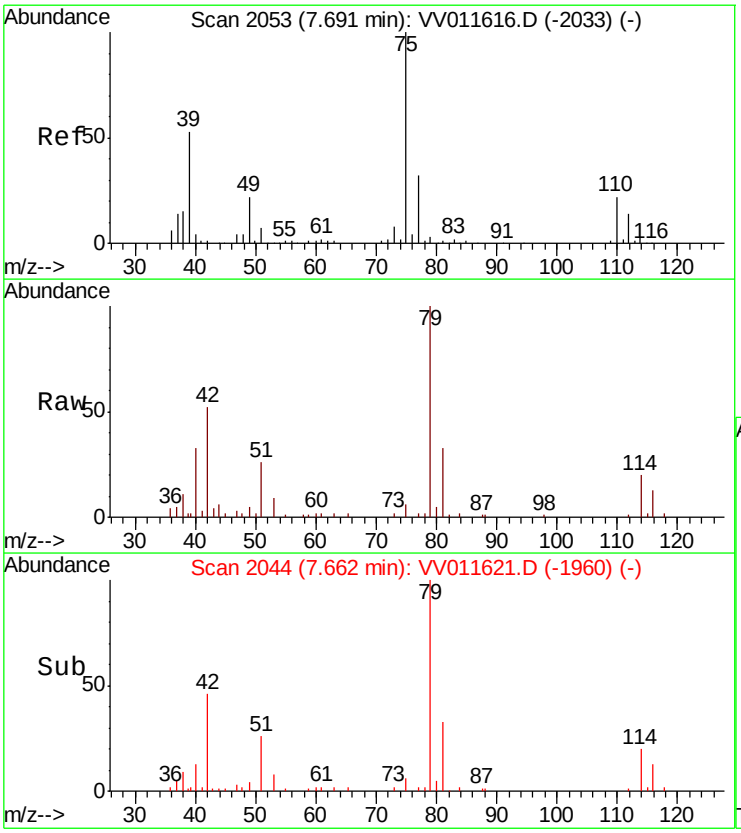
#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Instrument : MSVOA_V
ClientSampleId : C0M91DL

Tgt Ion: 63 Resp: 7816

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.7	5.5#

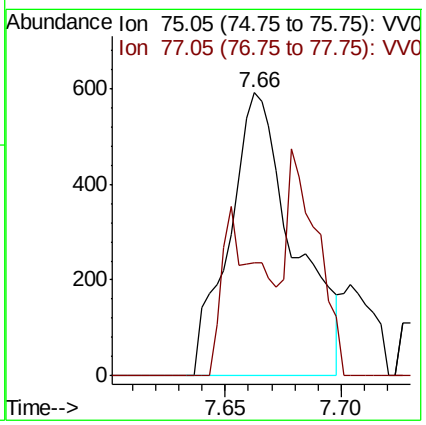


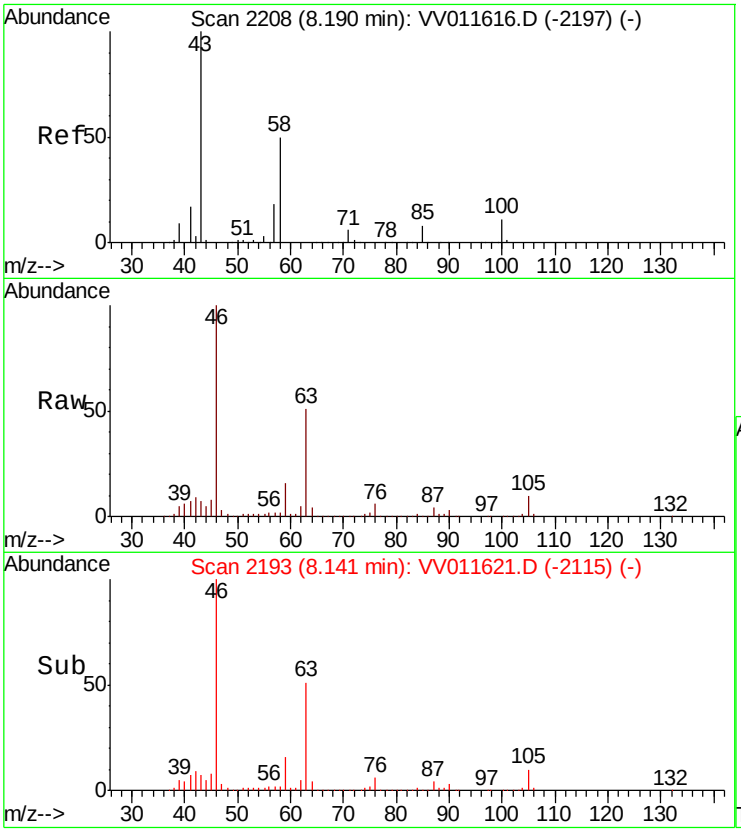


#44
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Tgt Ion: 75 Resp: 1146

Ion	Ratio	Lower	Upper
75	100		
77	40.1	22.8	42.4



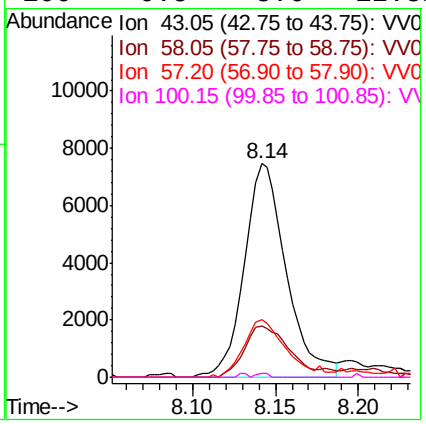


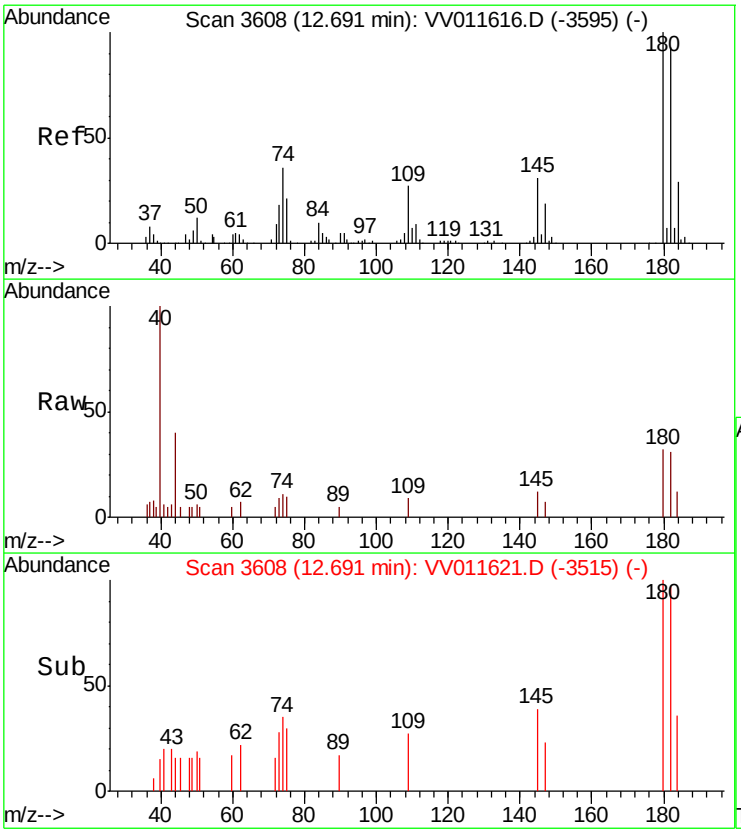
#48
2-Hexanone
Concen: 1.828 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Instrument : MSVOA_V
ClientSampleId : C0M91DL

Tgt Ion: 43 Resp: 13178

Ion	Ratio	Lower	Upper
43	100		
58	25.6	40.6	60.8#
57	27.4	14.2	21.4#
100	0.5	8.6	12.8#

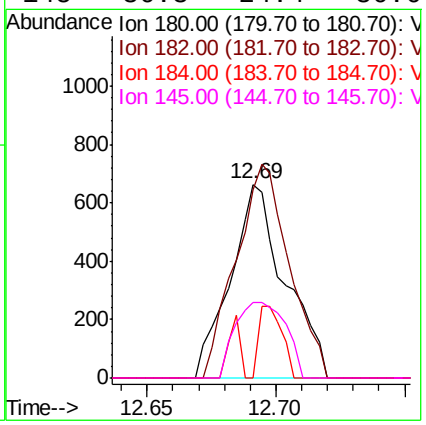


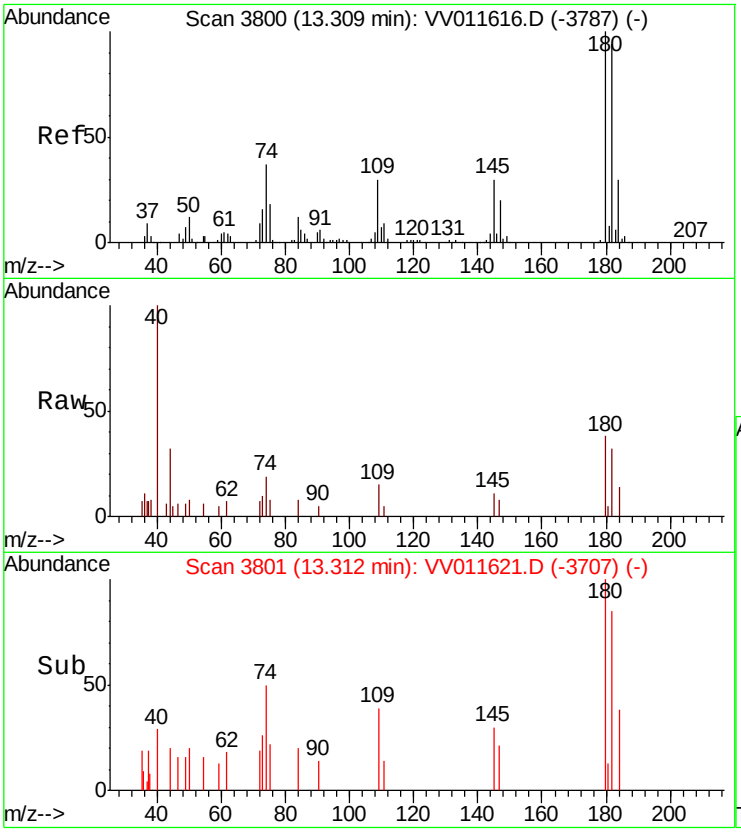


#67
1,3,5-Trichlorobenzene
Concen: 0.063 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. -0.00 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Tgt Ion:180 Resp: 978

Ion	Ratio	Lower	Upper
180	100		
182	108.3	75.4	113.0
184	15.8	24.0	36.0#
145	36.3	24.4	36.6



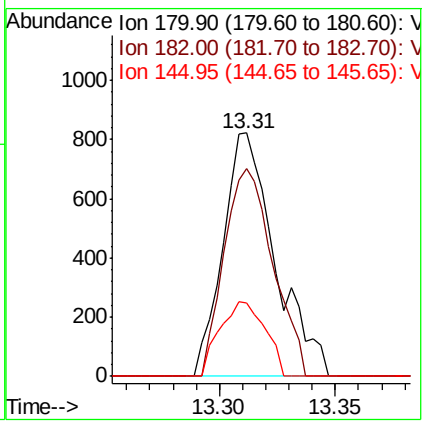


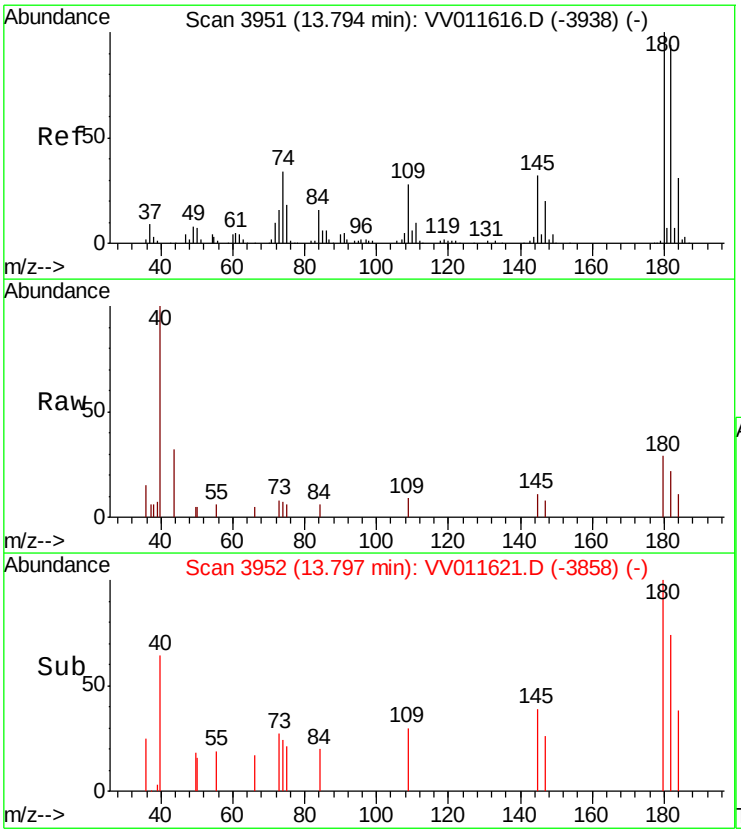
#68
1,2,4-trichlorobenzene
Concen: 0.103 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. 0.00 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Instrument :
MSVOA_V
ClientSampleId :
C0M91DL

Tgt Ion:180 Resp: 1287

Ion	Ratio	Lower	Upper
180	100		
182	79.6	76.2	114.4
145	26.7	24.7	37.1





#70
1,2,3-Trichlorobenzene
Concen: 0.073 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV011621.D
Acq: 19 Jun 2019 16:29

Tgt Ion:180 Resp: 883

Ion	Ratio	Lower	Upper
180	100		
182	105.1	76.6	115.0
145	34.0	27.1	40.7