Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
Data File : VV011631.D
Acq On : 19 Jun 2019 21:05
Operator : SY/MD
Sample : K3381-08 500X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCQ5

Quant Time: Jun 20 02:12:38 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	156602	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142328	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57061	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	60301	5.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.00%			
7) Chloroethane-d5	1.57	69	38164	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.80%			
11) 1,1-Dichloroethene-d2	2.12	63	112265	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.80%			
20) 2-Butanone-d5	3.95	46	162248	48.77	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.54%			
24) Chloroform-d	4.40	84	102119	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.08	65	61930	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.10	84	227240	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
36) 1,2-Dichloropropane-d6	6.12	67	69247	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.80%			
41) Toluene-d8	7.36	98	190270	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
43) trans-1,3-Dichloropropene-	7.66	79	22086	4.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.40%			
46) 2-Hexanone-d5	8.14	63	112259	43.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.74%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45687	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	62210	5.46	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.20%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1675	0.111	ug/L	99
5) Vinyl chloride	1.32	62	41810	2.798	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1803	0.192	ug/L #	63
12) 1,1-Dichloroethene	2.13	96	41331	4.244	ug/L #	83
13) Acetone	2.21	43	4393	1.959	ug/L	93
16) Methylene chloride	2.53	84	2392	0.216	ug/L	90
18) trans-1,2-Dichloroethene	2.78	96	5889	0.535	ug/L	98
19) 1,1-Dichloroethane	3.23	63	430370	18.891	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	1441813	115.564	ug/L	96
25) Chloroform	4.43	83	14529	0.636	ug/L	96
27) 1,2-Dichloroethane	5.18	62	3836	0.238	ug/L #	87
29) 1,1,1-Trichloroethane	4.65	97	116965	6.605	ug/L	99
31) Carbon tetrachloride	4.66	117	14269	0.996	ug/L	97
34) Trichloroethene	5.96	95	26597	2.244	ug/L	96
35) Methylcyclohexane	6.12	83	16711	0.989	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8494	0.686	ug/L #	88
40) 4-Methyl-2-pentanone	7.28	43	9281	1.052	ug/L #	90

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
Data File : VV011631.D
Acq On : 19 Jun 2019 21:05
Operator : SY/MD
Sample : K3381-08 500X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCQ5

Quant Time: Jun 20 02:12:38 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)
42) Toluene	7.43	91	12463	0.259	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	2516	0.305	ug/L	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
Data File : VV011631.D
Acq On : 19 Jun 2019 21:05
Operator : SY/MD
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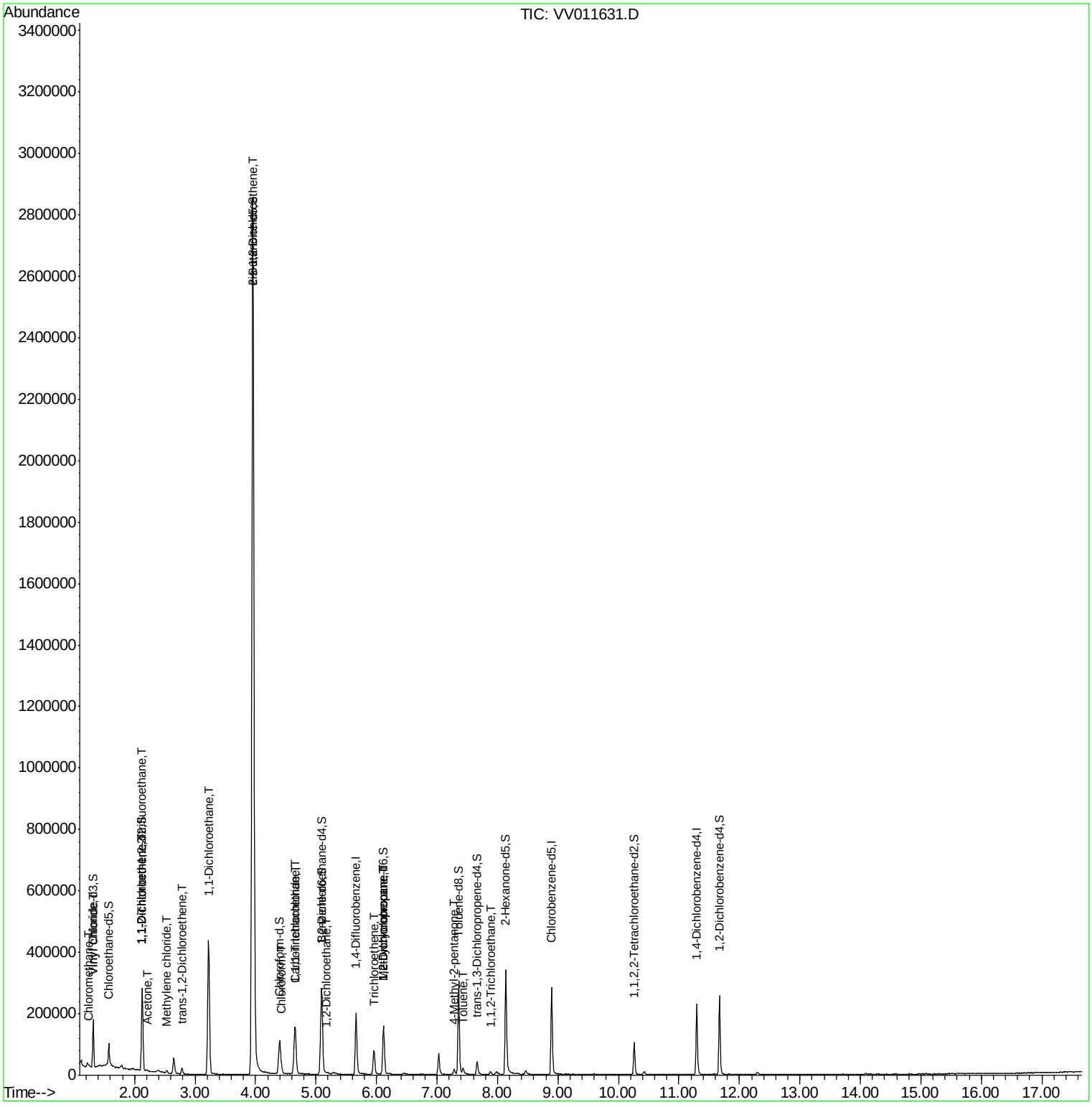
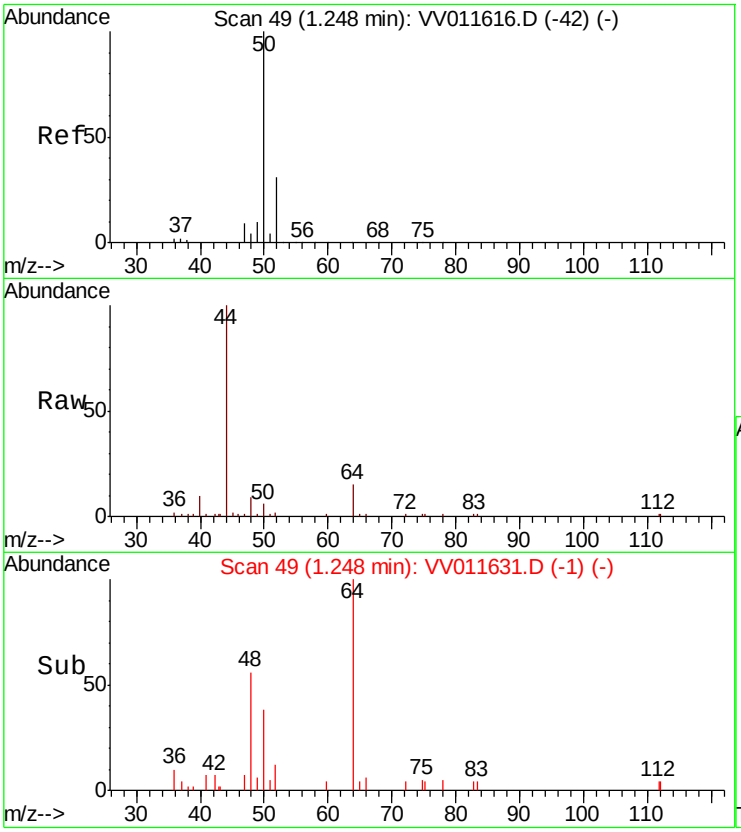
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCQ5

Quant Time: Jun 20 02:12:38 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



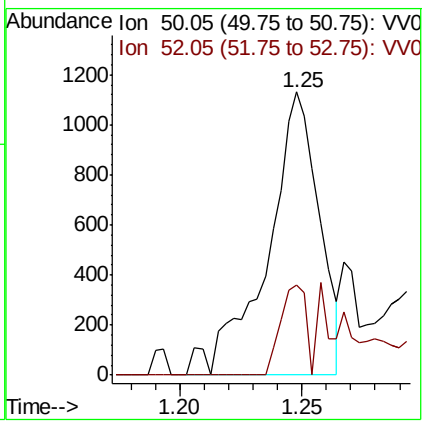


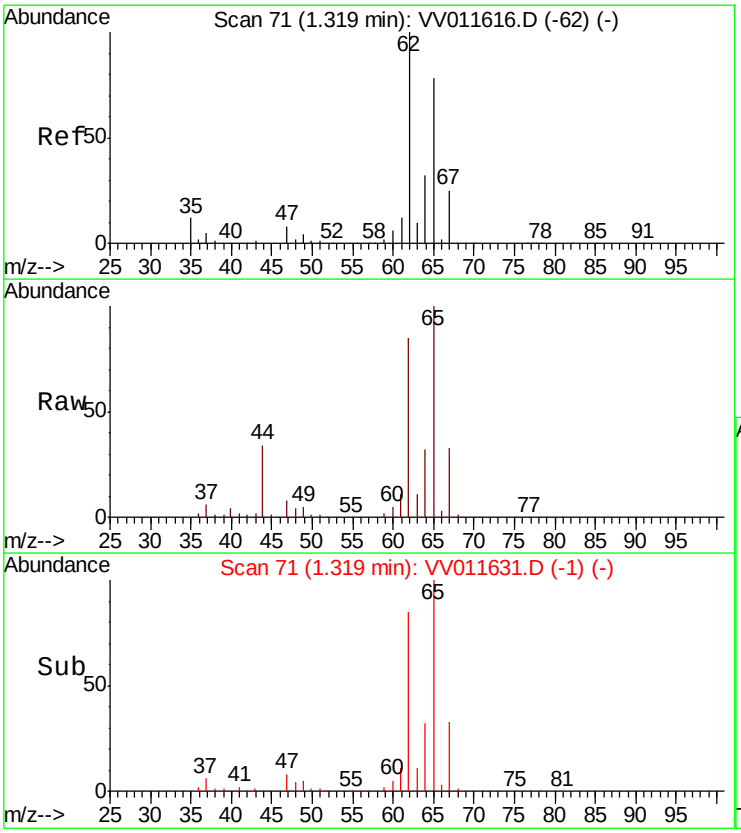
#3
Chloromethane
Concen: 0.111 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Instrument :
MSVOA_V
ClientSampleId :
BFCQ5

Tgt Ion: 50 Resp: 1675

Ion	Ratio	Lower	Upper
50	100		
52	31.9	22.7	42.1

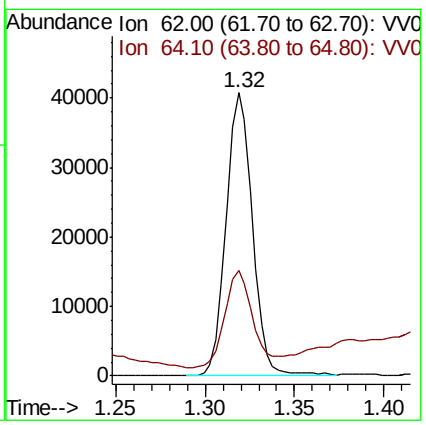


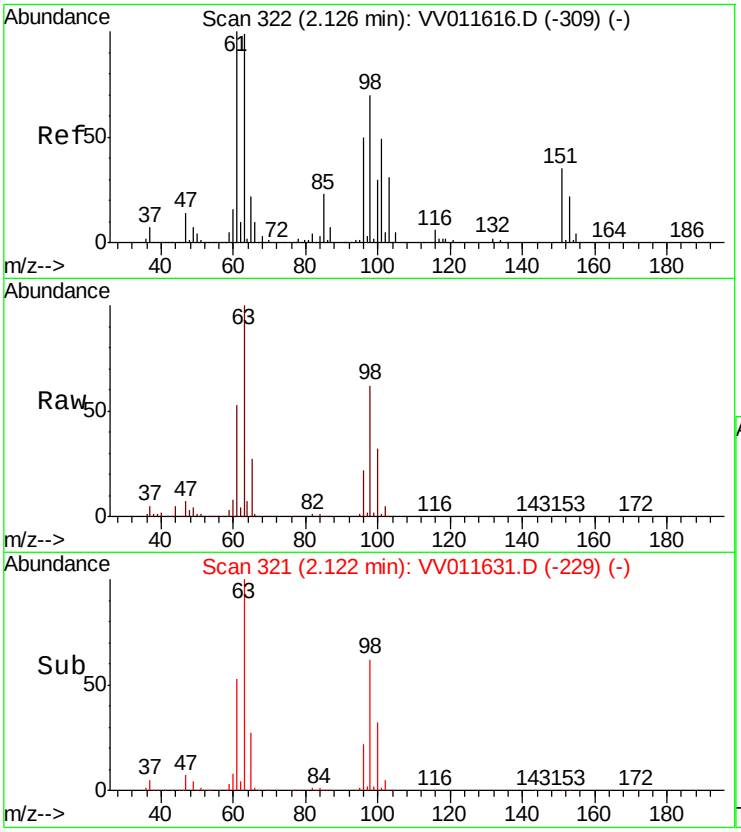


#5
Vinyl chloride
Concen: 2.798 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Tgt Ion: 62 Resp: 41810

Ion	Ratio	Lower	Upper
62	100		
64	37.2	23.0	42.6



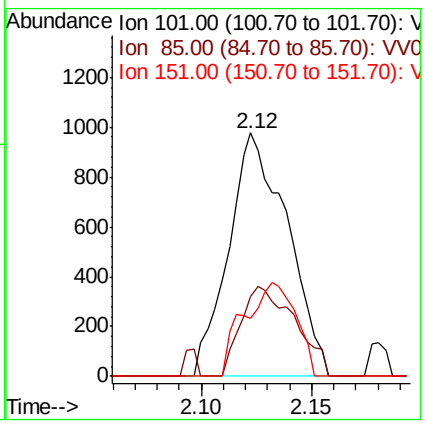


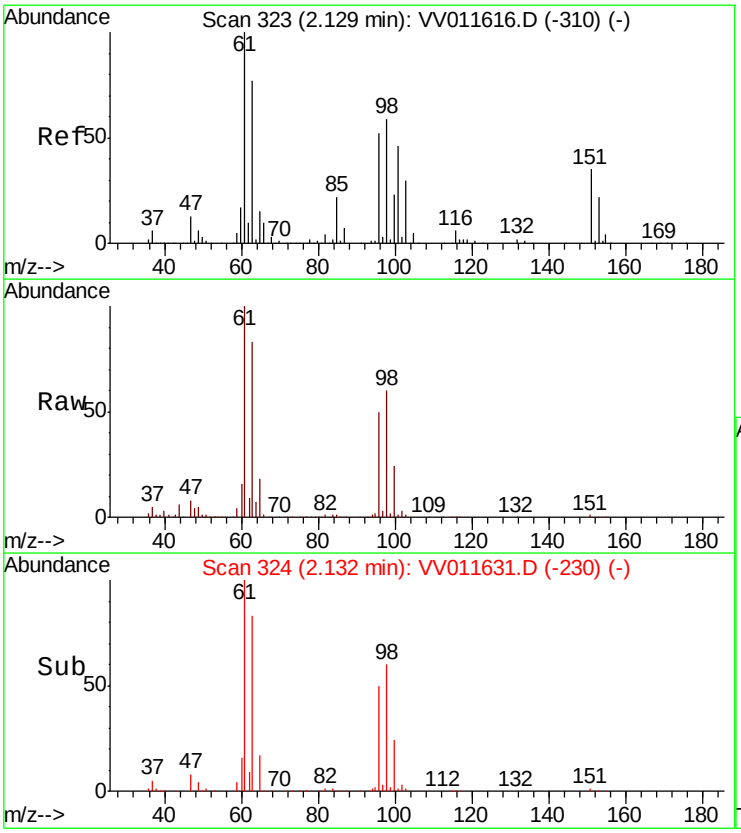
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.192 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.00 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Instrument : MSVOA_V
ClientSampleId : BFCQ5

Tgt Ion:101 Resp: 1803

Ion	Ratio	Lower	Upper
101	100		
85	34.2	37.3	55.9#
151	33.8	59.4	89.2#

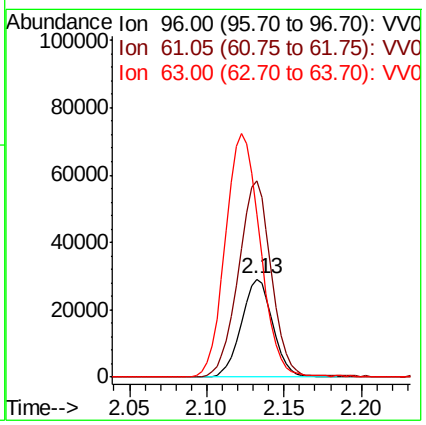


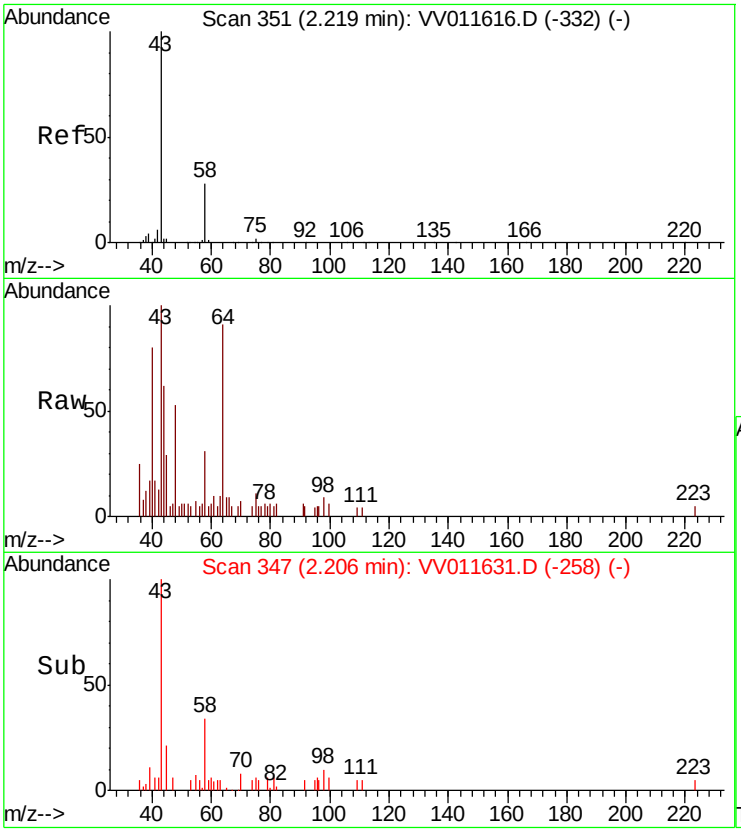


#12
1,1-Dichloroethene
Concen: 4.244 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Tgt Ion: 96 Resp: 41331

Ion	Ratio	Lower	Upper
96	100		
61	199.3	135.9	252.5
63	166.3	86.2	160.2#



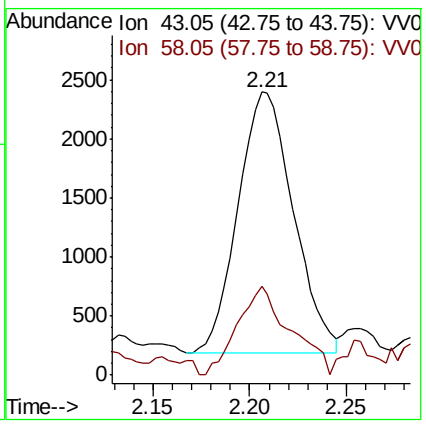


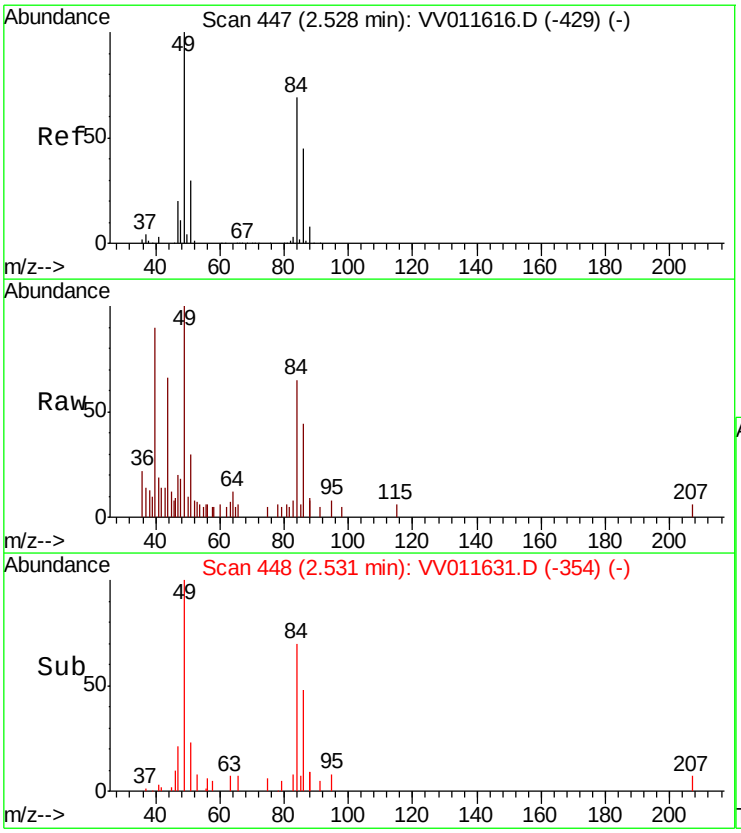
#13
Acetone
Concen: 1.959 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.01 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Instrument : MSVOA_V
ClientSampleId : BFCQ5

Tgt Ion: 43 Resp: 4393

Ion	Ratio	Lower	Upper
43	100		
58	32.5	0.0	57.8

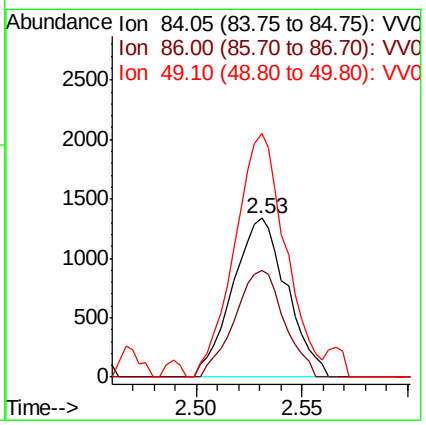


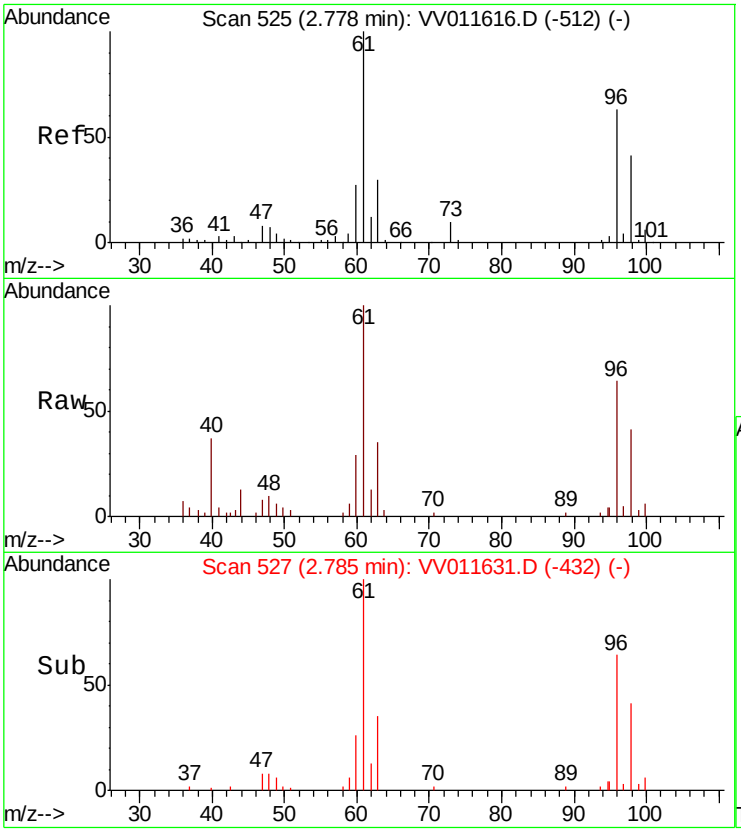


#16
Methylene chloride
Concen: 0.216 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Tgt Ion: 84 Resp: 2392

Ion	Ratio	Lower	Upper
84	100		
86	67.5	42.5	78.9
49	153.1	97.7	181.5



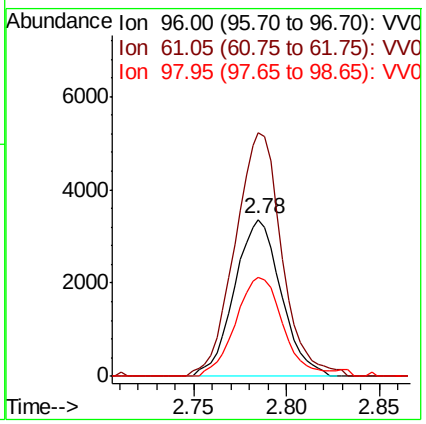


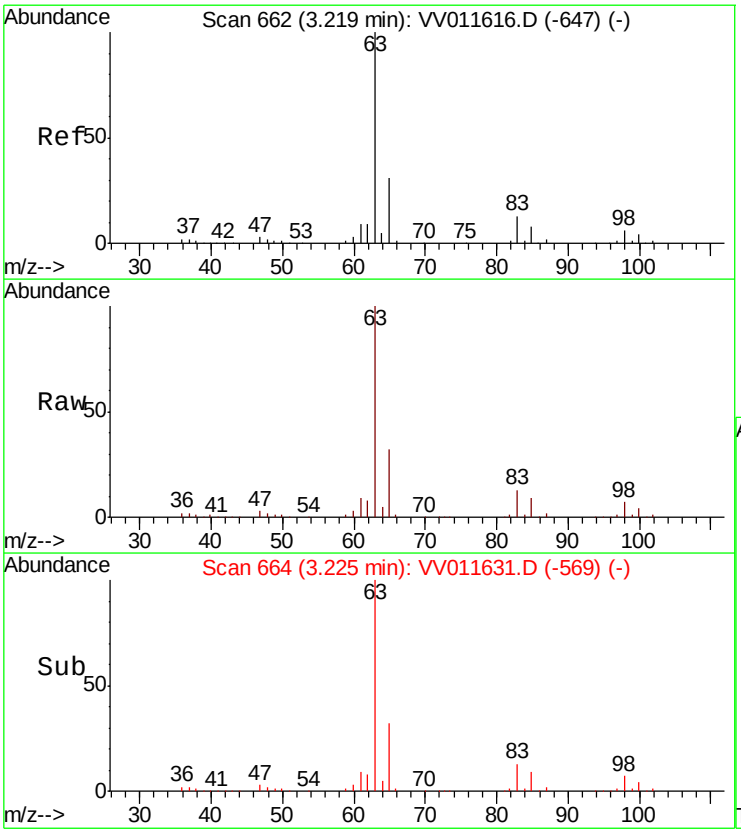
#18
trans-1,2-Dichloroethene
Concen: 0.535 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Instrument :
MSVOA_V
ClientSampleId :
BFCQ5

Tgt Ion: 96 Resp: 5889

Ion	Ratio	Lower	Upper
96	100		
61	155.2	110.0	204.4
98	63.3	45.8	85.0

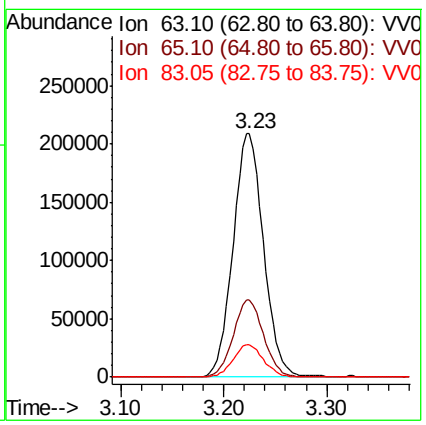


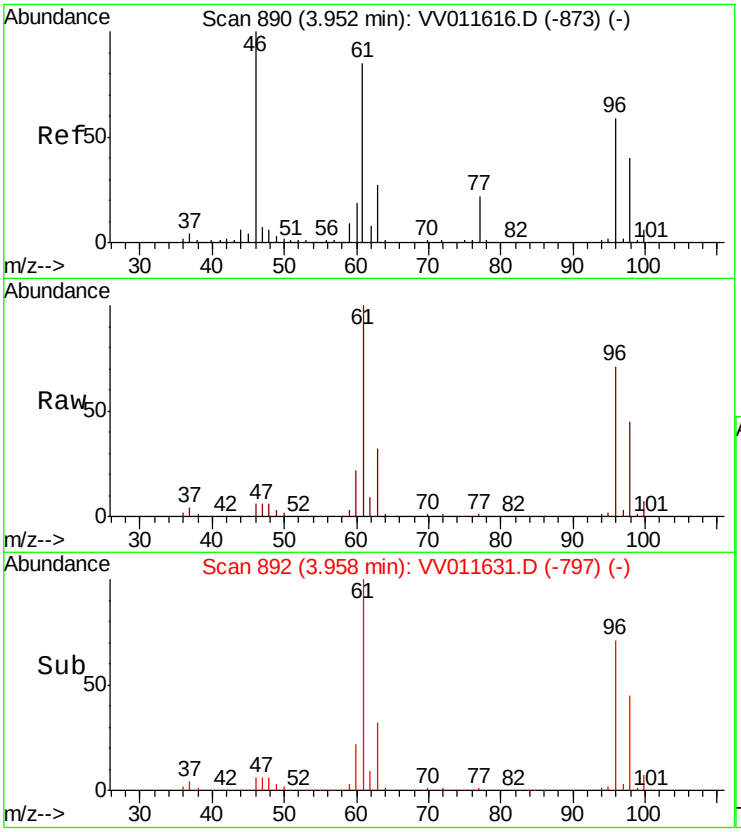


#19
1,1-Dichloroethane
Concen: 18.891 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.01 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Tgt Ion: 63 Resp: 430370

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.5	41.9
83	13.1	10.1	18.9



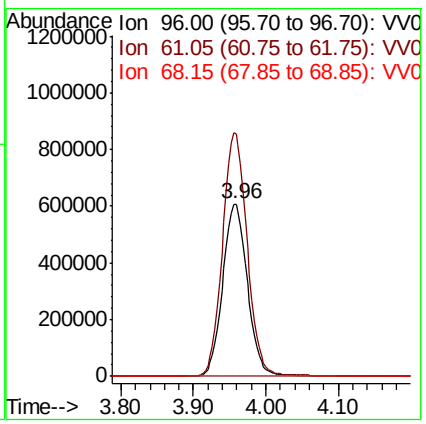


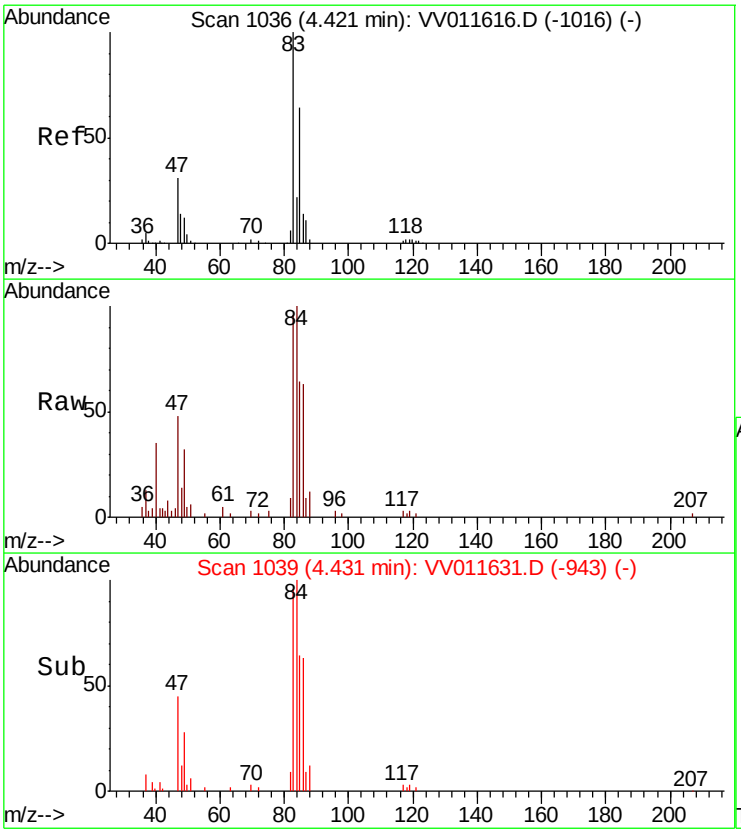
#22
cis-1,2-Dichloroethene
Concen: 115.564 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.01 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Instrument :
MSVOA_V
ClientSampleId :
BFCQ5

Tgt Ion: 96 Resp: 1441813

Ion	Ratio	Lower	Upper
96	100		
61	141.1	102.2	189.8
68	0.0	0.0	0.0

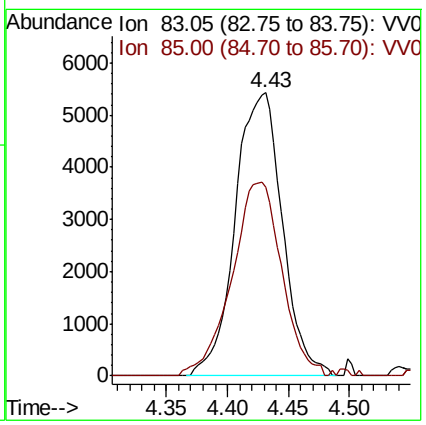


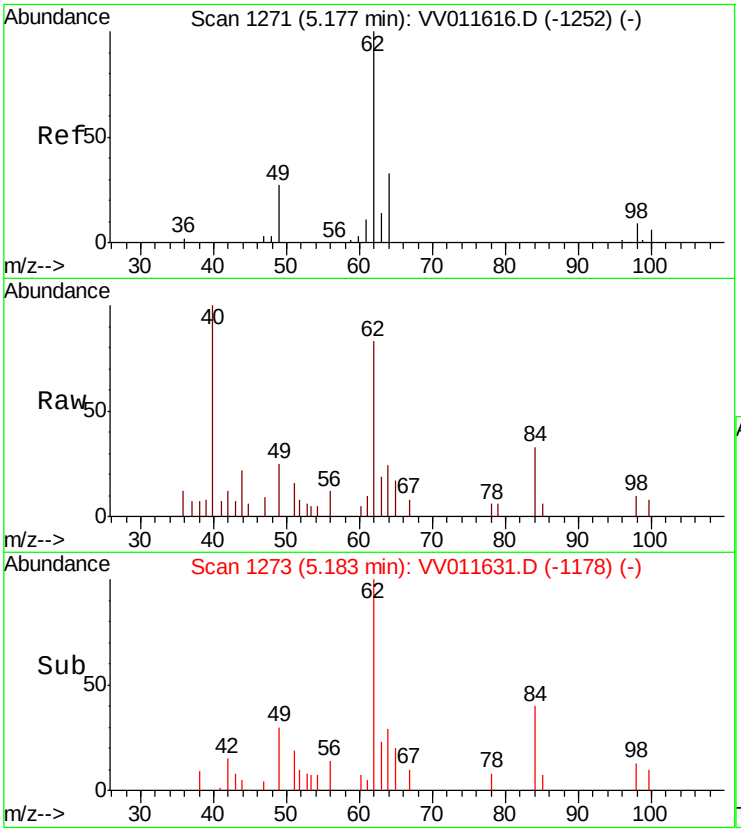


#25
Chloroform
Concen: 0.636 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Tgt Ion: 83 Resp: 14529

Ion	Ratio	Lower	Upper
83	100		
85	66.7	44.6	82.8



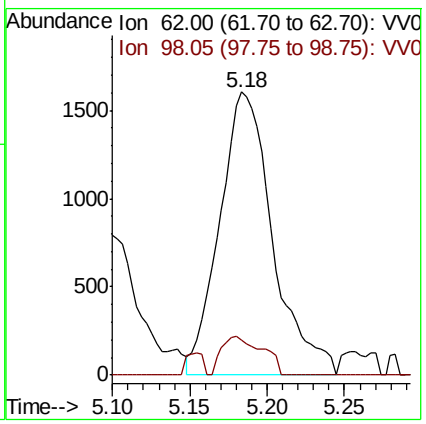


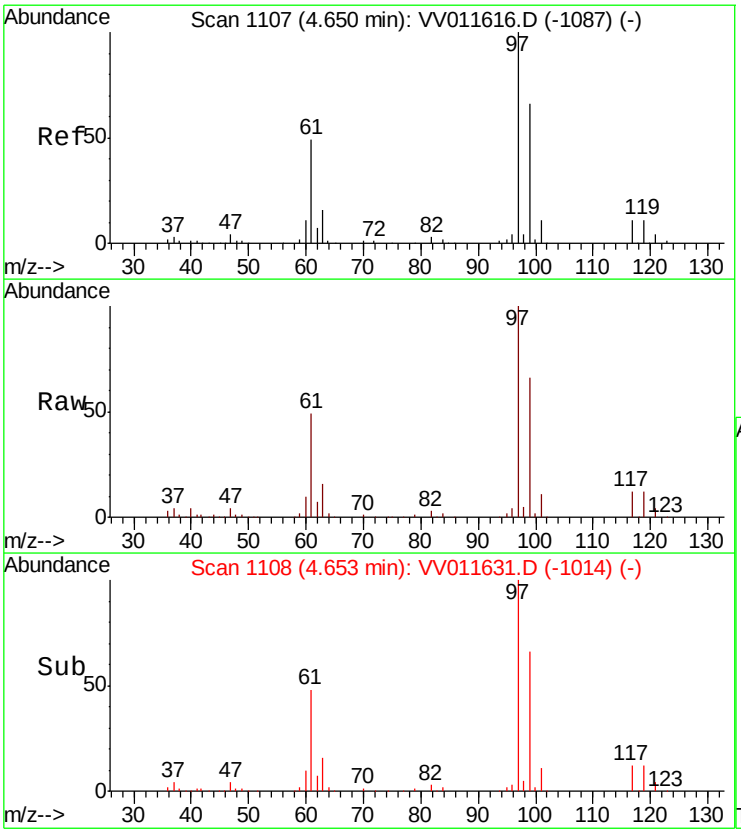
#27
1,2-Dichloroethane
Concen: 0.238 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Instrument : MSVOA_V
ClientSampleId : BFCQ5

Tgt Ion: 62 Resp: 3836

Ion	Ratio	Lower	Upper
62	100		
98	12.5	6.5	9.7#

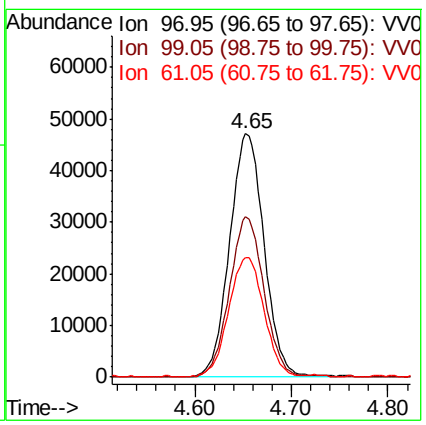


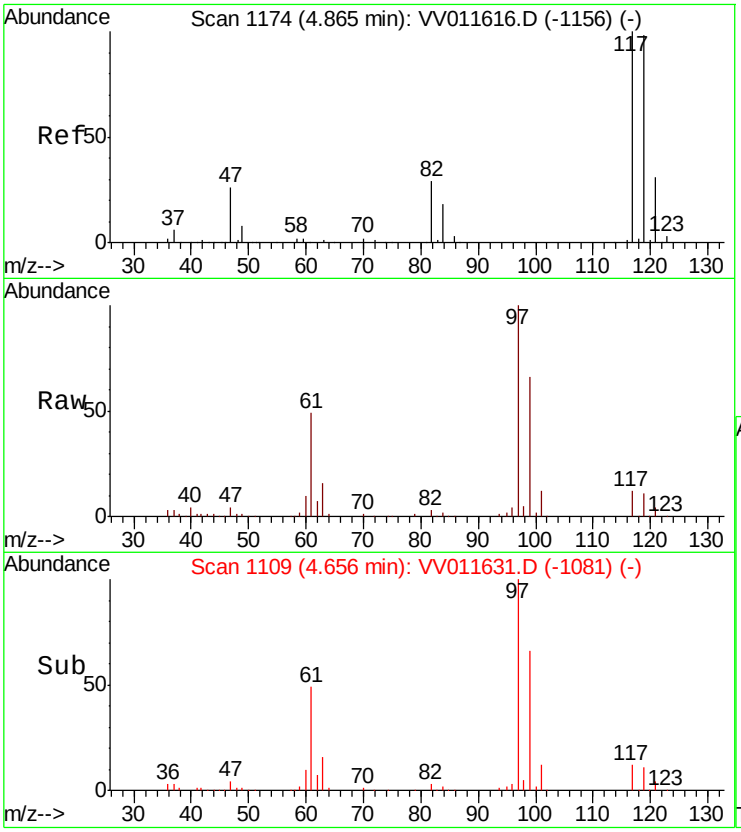


#29
1,1,1-Trichloroethane
Concen: 6.605 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Tgt Ion: 97 Resp: 116965

Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.6	77.4
61	49.7	40.4	60.6



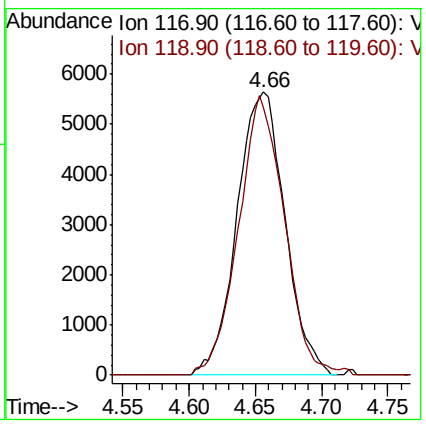


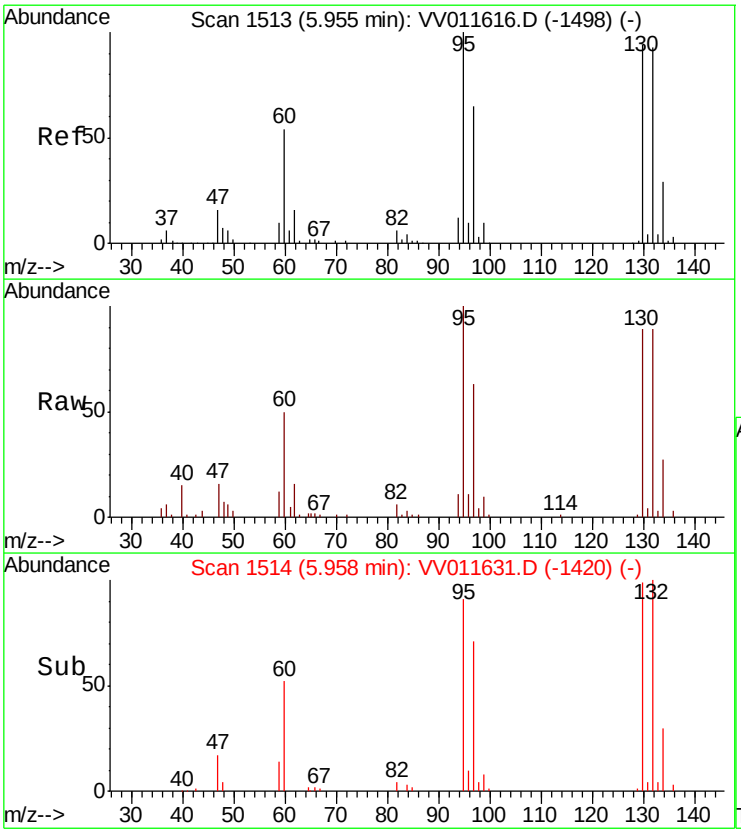
#31
Carbon tetrachloride
Concen: 0.996 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.21 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Instrument :
MSVOA_V
ClientSampleId :
BFCQ5

Tgt Ion:117 Resp: 14269

Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.4	116.2

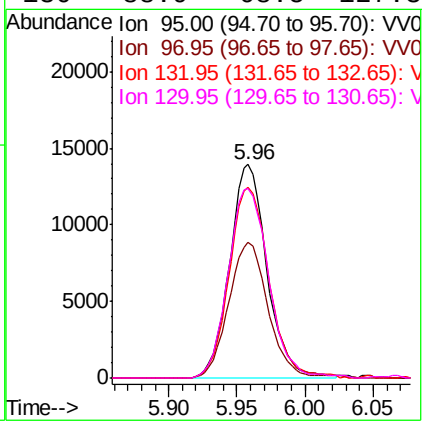


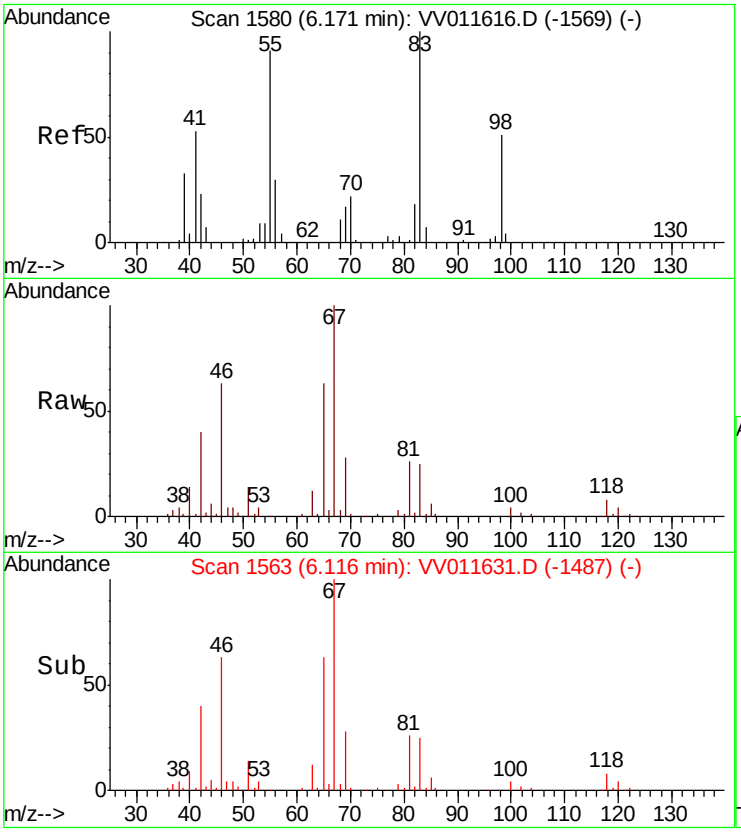


#34
Trichloroethene
Concen: 2.244 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Tgt Ion: 95 Resp: 26597

Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.4	82.4
132	89.5	63.5	117.9
130	88.9	68.5	127.3



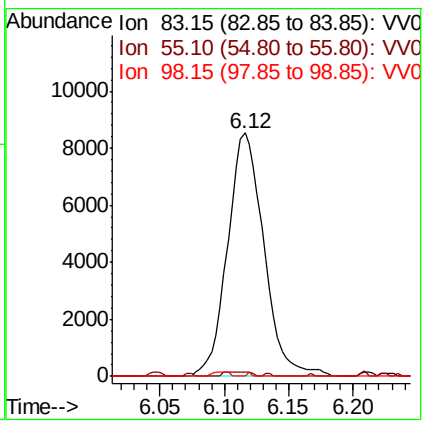


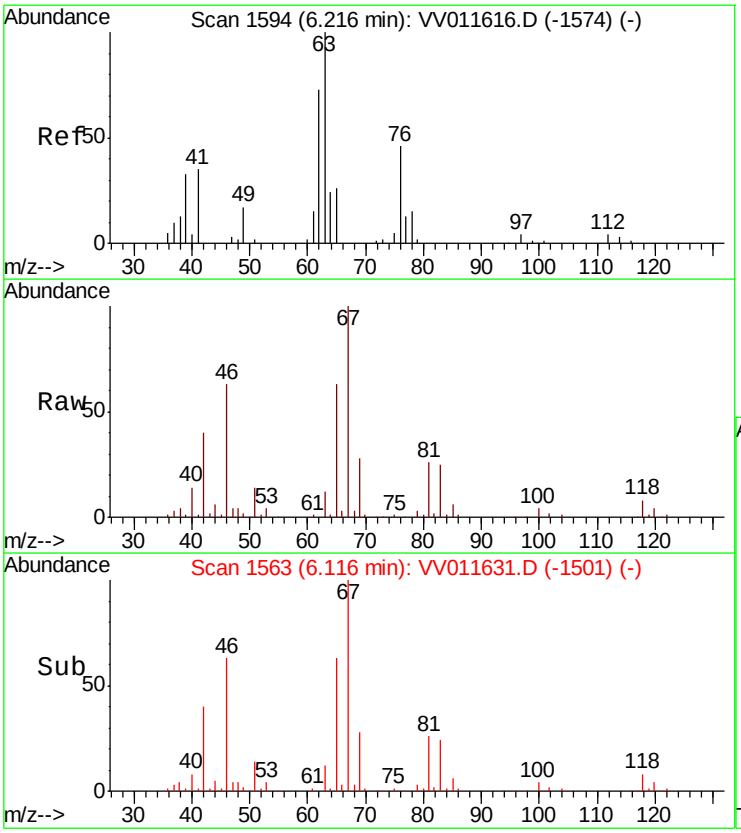
#35
Methylcyclohexane
Concen: 0.989 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Instrument :
MSVOA_V
ClientSampleId :
BFCQ5

Tgt Ion: 83 Resp: 16711

Ion	Ratio	Lower	Upper
83	100		
55	0.2	67.9	101.9#
98	0.2	39.6	59.4#

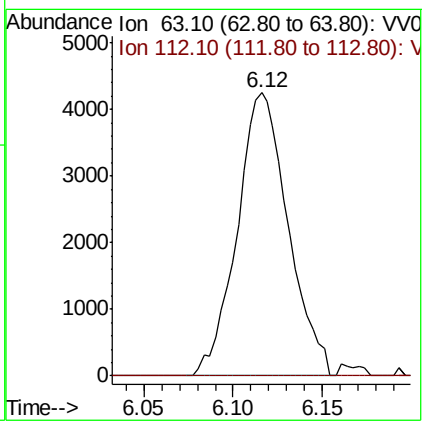


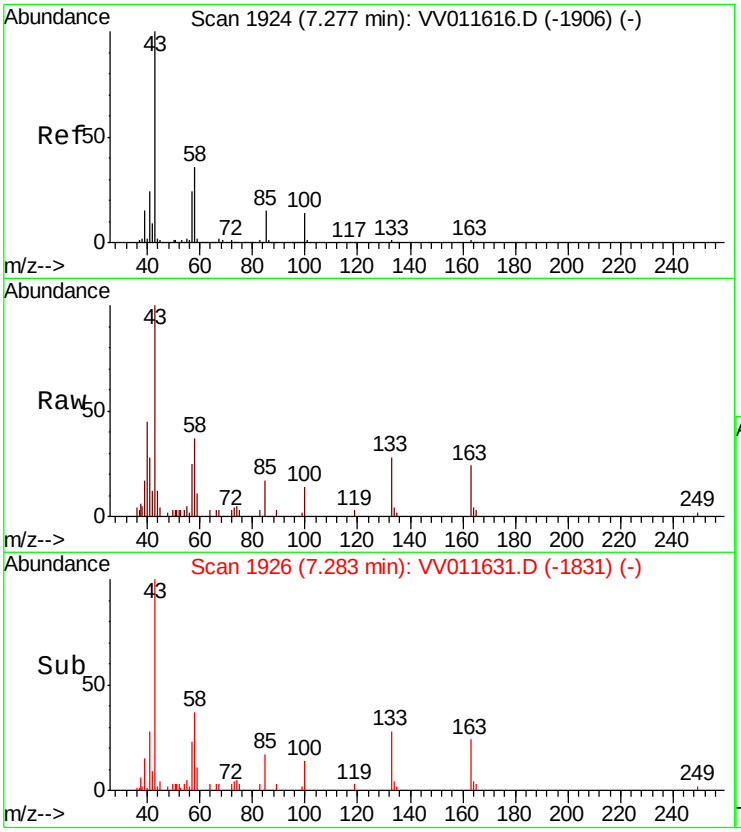


#37
1,2-Dichloropropane
Concen: 0.686 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Tgt Ion: 63 Resp: 8494

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.7	5.5#



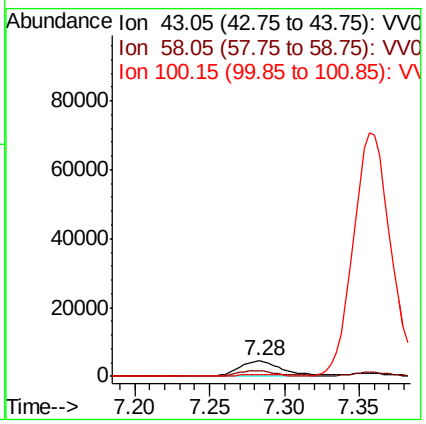


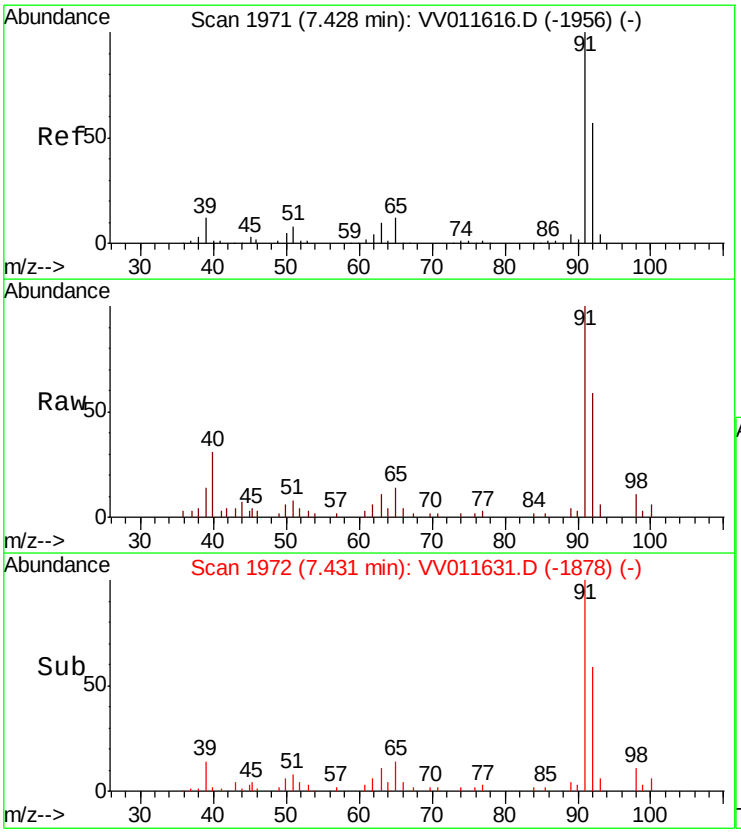
#40
4-Methyl-2-pentanone
Concen: 1.052 ug/L
RT: 7.28 min Scan# 1926
Delta R.T. 0.01 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Instrument : MSVOA_V
ClientSampleId : BFCQ5

Tgt Ion: 43 Resp: 9281

Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.7	43.1
100	0.0	10.6	15.8#

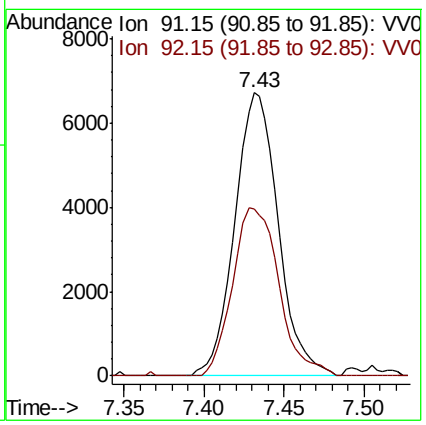


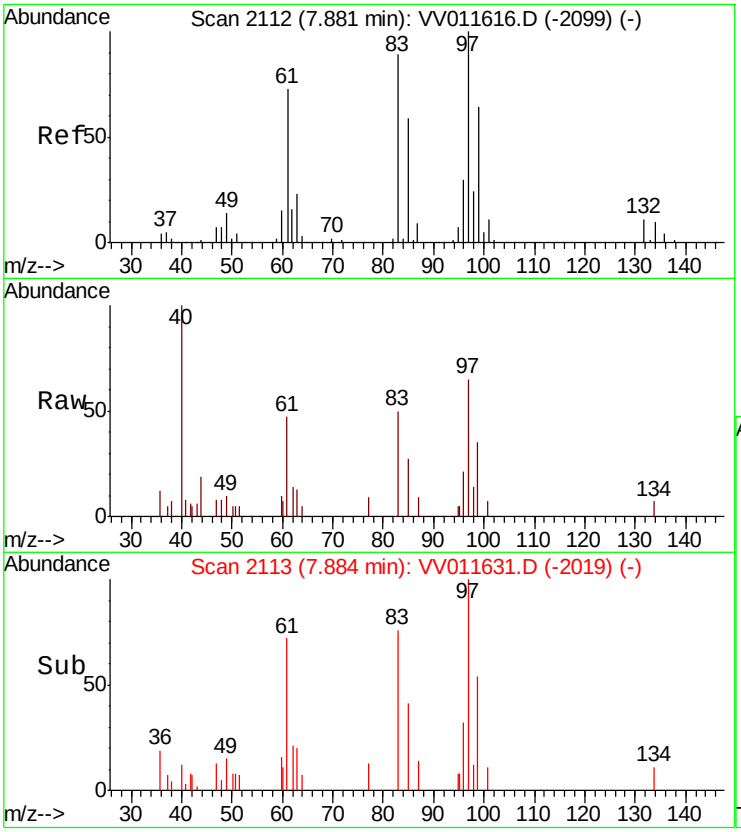


#42
Toluene
Concen: 0.259 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Tgt Ion: 91 Resp: 12463

Ion	Ratio	Lower	Upper
91	100		
92	58.9	40.5	75.1





#45
1,1,2-Trichloroethane
Concen: 0.305 ug/L
RT: 7.88 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VV011631.D
Acq: 19 Jun 2019 21:05

Instrument :
MSVOA_V
ClientSampleId :
BFCQ5

Tgt Ion: 97 Resp: 2516

Ion	Ratio	Lower	Upper
97	100		
99	53.8	45.4	84.4
83	76.2	60.6	112.6
85	41.4	38.6	71.6