Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\
Data File : VV011677.D
Acq On : 21 Jun 2019 11:56
Operator : SY/MD
Sample : K3381-16 100X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCK9

Quant Time: Jun 24 09:02:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	164788	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	155131	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62509	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	48620	4.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.80%			
7) Chloroethane-d5	1.58	69	37402	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	2.12	63	91746	4.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.60%			
20) 2-Butanone-d5	3.96	46	145921	50.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.30%			
24) Chloroform-d	4.40	84	89808	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
26) 1,2-Dichloroethane-d4	5.08	65	60059	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.09	84	209048	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.12	67	66383	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.36	98	178506	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
43) trans-1,3-Dichloropropene-	7.66	79	19671	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.60%			
46) 2-Hexanone-d5	8.14	63	107632	49.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.50%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43461	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	59813	5.07	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	33240	2.181	ug/L	92
8) Chloroethane	1.60	64	150866	18.945	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	24343	2.179	ug/L	99
12) 1,1-Dichloroethene	2.13	96	23852	2.339	ug/L #	72
16) Methylene chloride	2.53	84	4244	0.373	ug/L	97
19) 1,1-Dichloroethane	3.22	63	405076	16.997	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	90969	6.904	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	168396	8.431	ug/L	100
34) Trichloroethene	5.96	95	14487	1.062	ug/L	93
47) Tetrachloroethene	8.01	164	7061	0.695	ug/L	94

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

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Instrument : MSVOA_V
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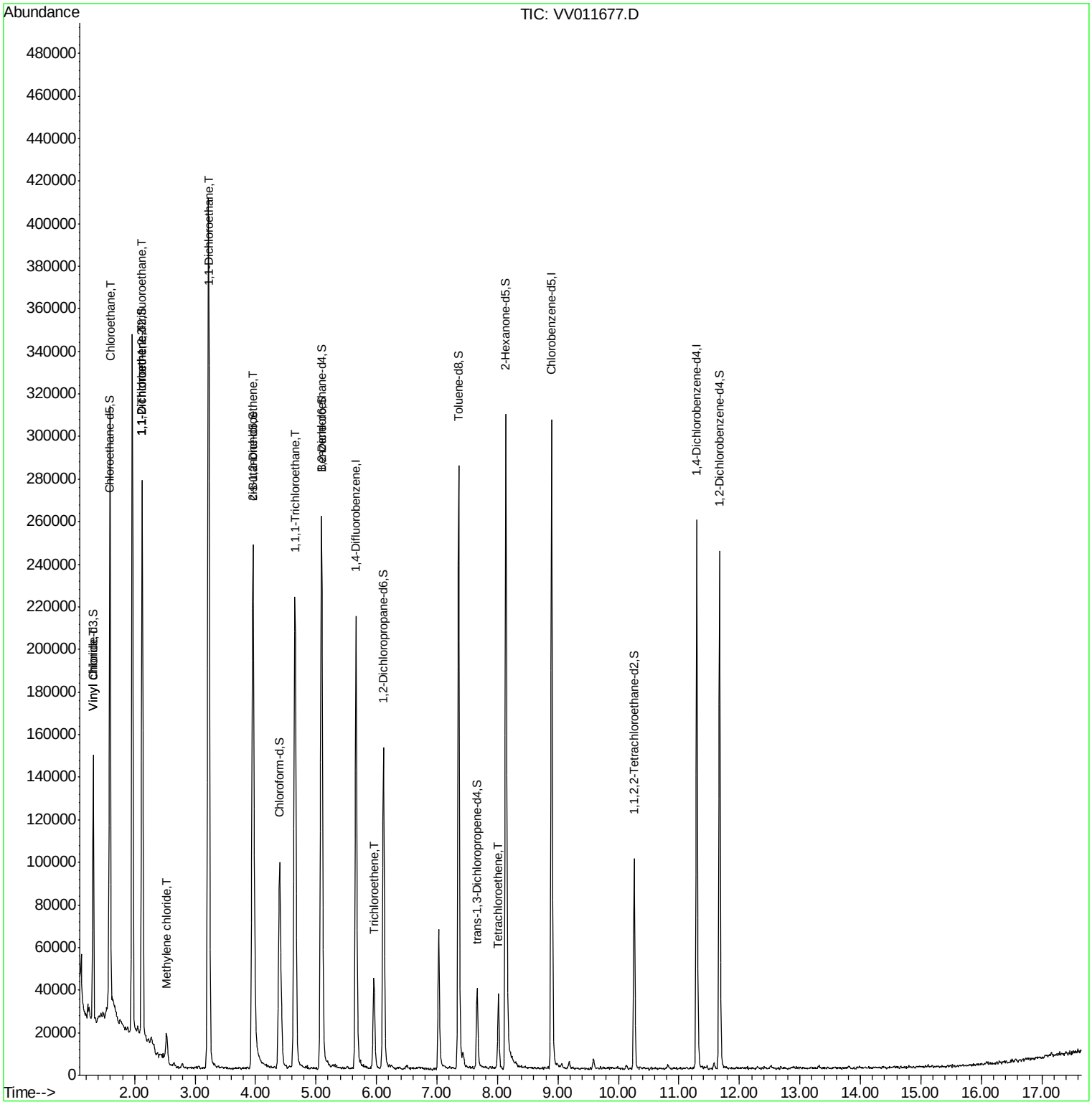
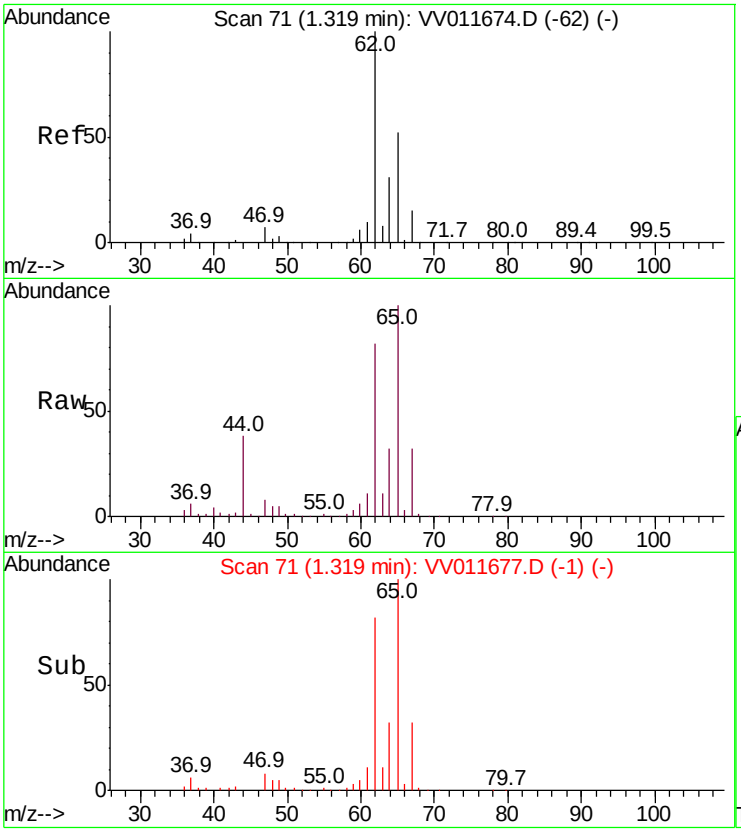
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration



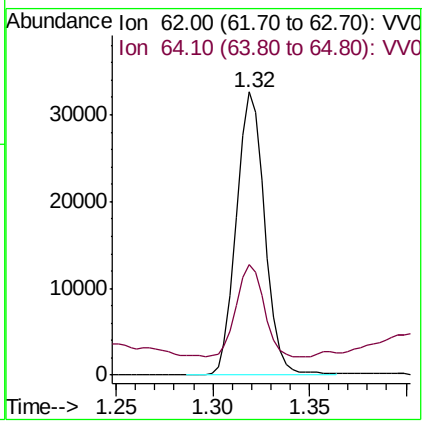


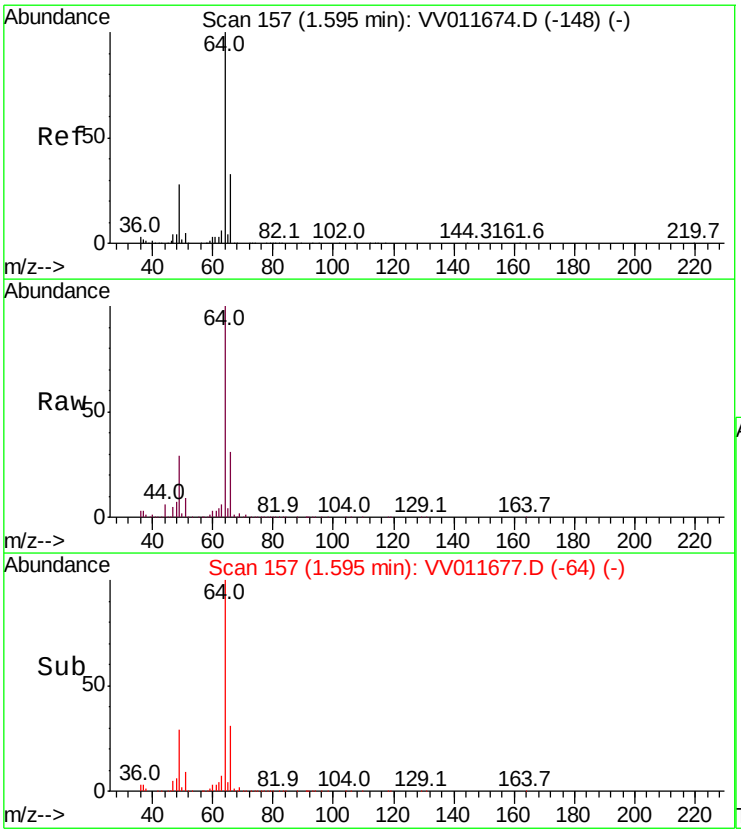
#5
Vinyl chloride
Concen: 2.181 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV011677.D
Acq: 21 Jun 2019 11:56

Instrument : MSVOA_V
ClientSampleId : BFCK9

Tgt Ion: 62 Resp: 33240

Ion	Ratio	Lower	Upper
62	100		
64	39.3	24.1	44.7

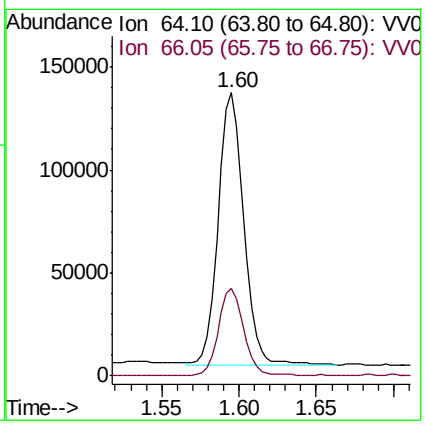


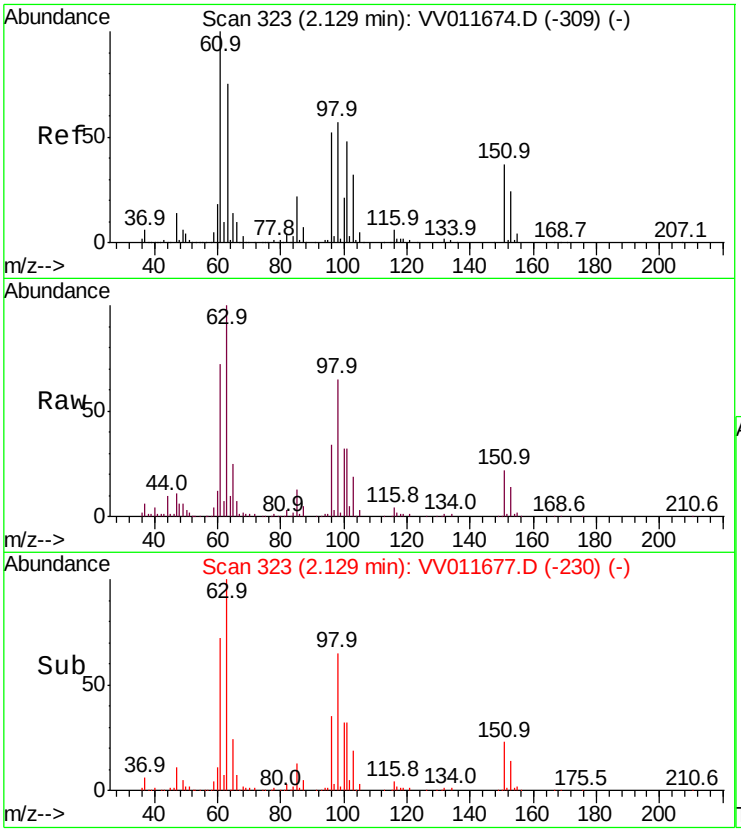


#8
Chloroethane
Concen: 18.945 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.00 min
Lab File: VV011677.D
Acq: 21 Jun 2019 11:56

Tgt Ion: 64 Resp: 150866

Ion	Ratio	Lower	Upper
64	100		
66	31.0	20.6	38.4



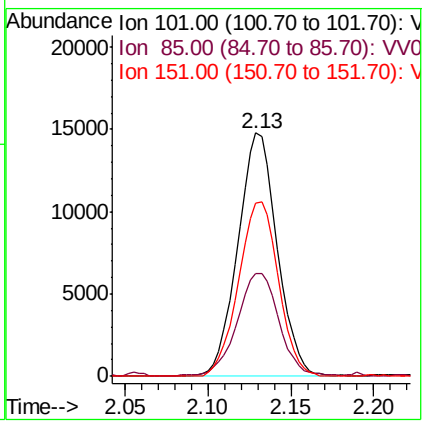


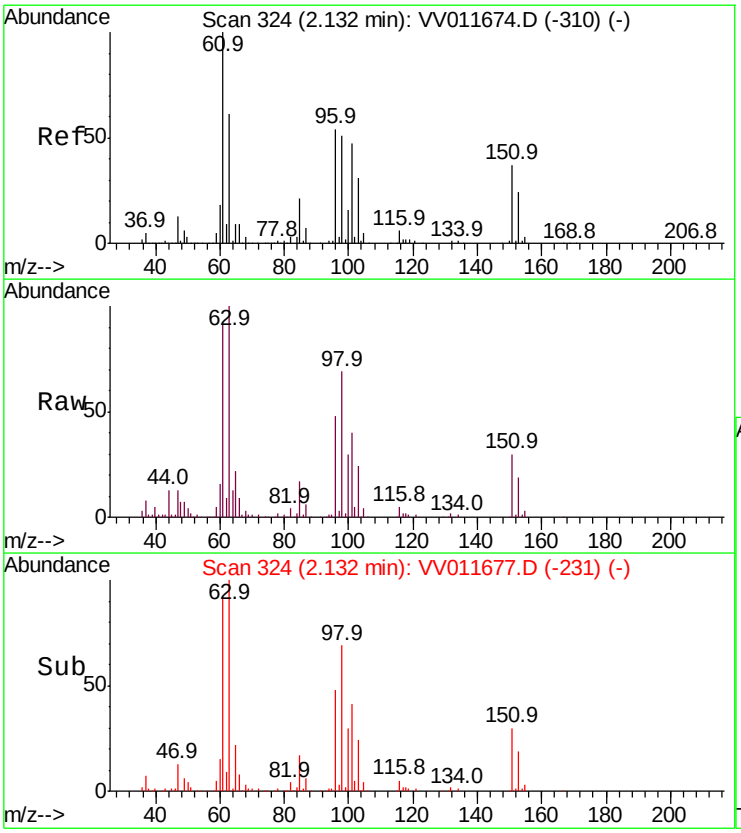
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.179 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV011677.D
Acq: 21 Jun 2019 11:56

Instrument : MSVOA_V
ClientSampleId : BFCK9

Tgt Ion:101 Resp: 24343

Ion	Ratio	Lower	Upper
101	100		
85	45.6	35.9	53.9
151	72.8	57.4	86.2

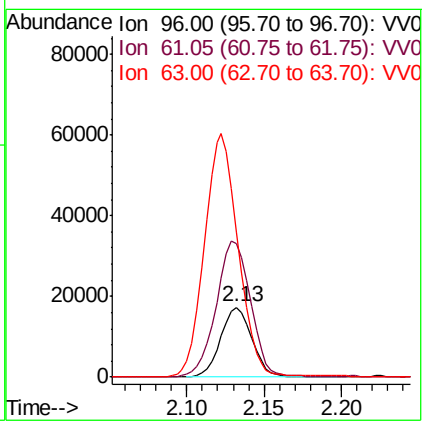


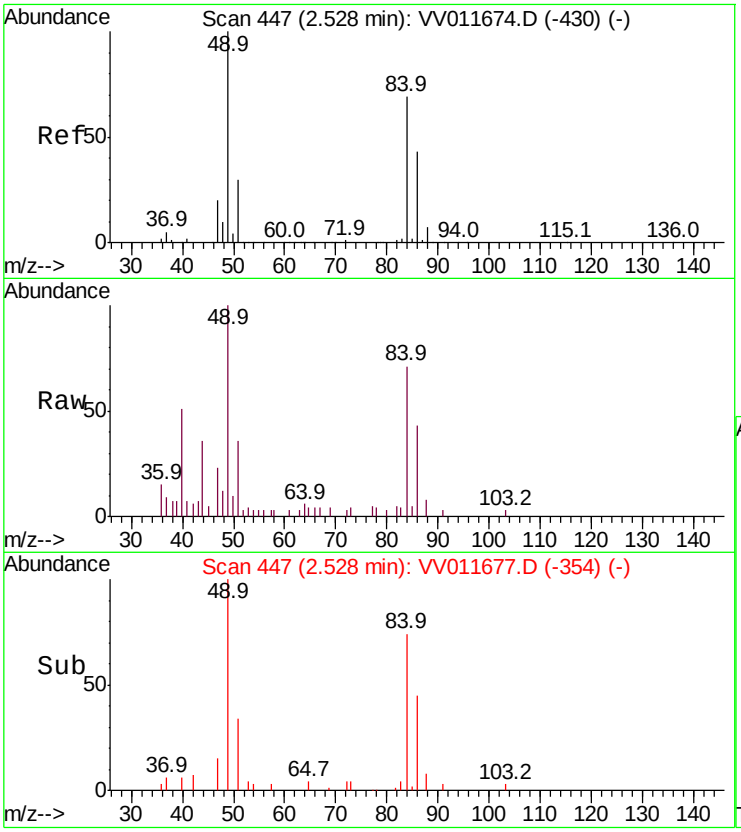


#12
1,1-Dichloroethene
Concen: 2.339 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV011677.D
Acq: 21 Jun 2019 11:56

Tgt Ion: 96 Resp: 23852

Ion	Ratio	Lower	Upper
96	100		
61	191.6	131.5	244.1
63	207.7	91.8	170.4#



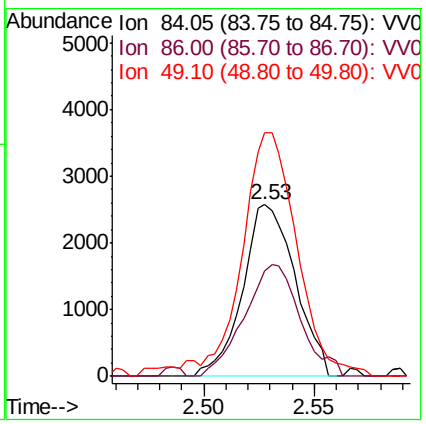


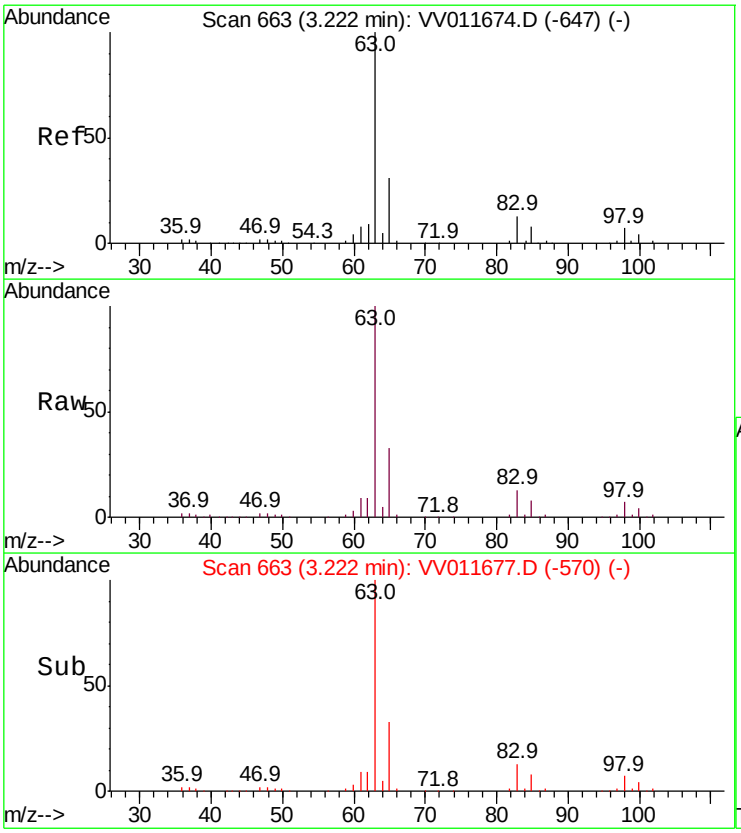
#16
Methylene chloride
Concen: 0.373 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV011677.D
Acq: 21 Jun 2019 11:56

Instrument : MSVOA_V
ClientSampleId : BFCK9

Tgt Ion: 84 Resp: 4244

Ion	Ratio	Lower	Upper
84	100		
86	61.1	44.9	83.5
49	141.8	101.4	188.2

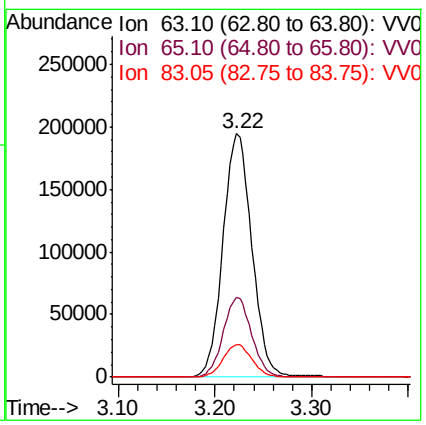


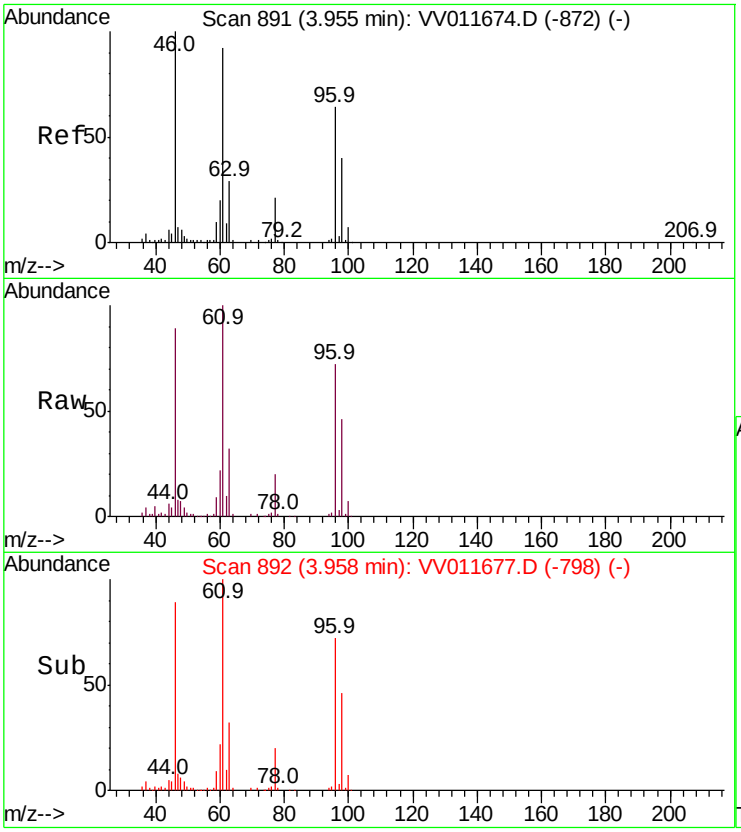


#19
1,1-Dichloroethane
Concen: 16.997 ug/L
RT: 3.22 min Scan# 663
Delta R.T. -0.00 min
Lab File: VV011677.D
Acq: 21 Jun 2019 11:56

Tgt Ion: 63 Resp: 405076

Ion	Ratio	Lower	Upper
63	100		
65	32.6	23.0	42.8
83	13.2	9.5	17.7



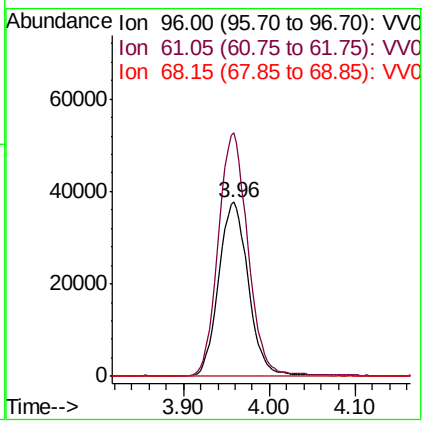


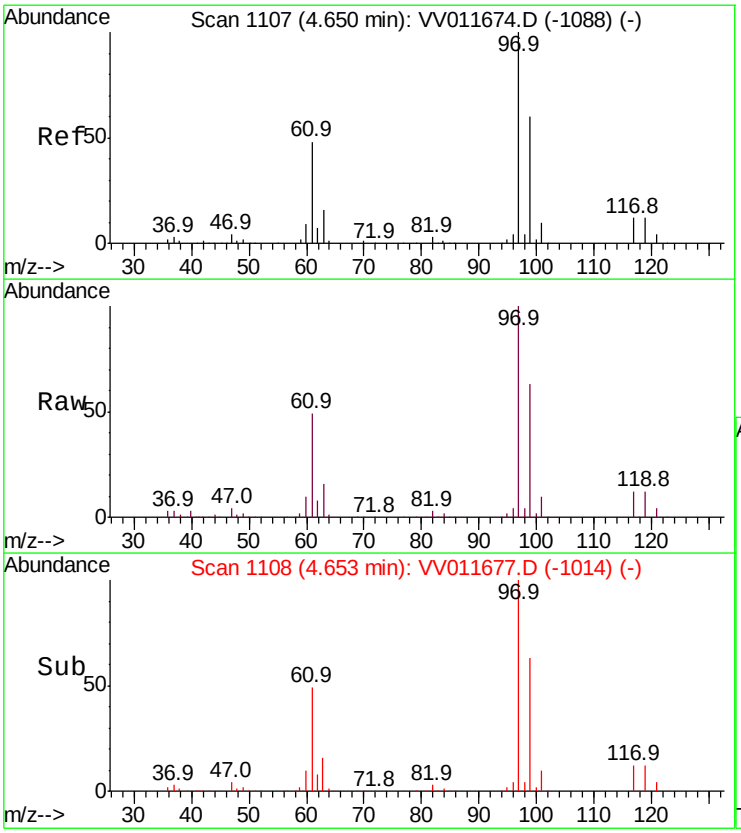
#22
cis-1,2-Dichloroethene
Concen: 6.904 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011677.D
Acq: 21 Jun 2019 11:56

Instrument :
MSVOA_V
ClientSampleId :
BFCK9

Tgt Ion: 96 Resp: 90969

Ion	Ratio	Lower	Upper
96	100		
61	139.8	97.9	181.7
68	0.0	0.0	0.0

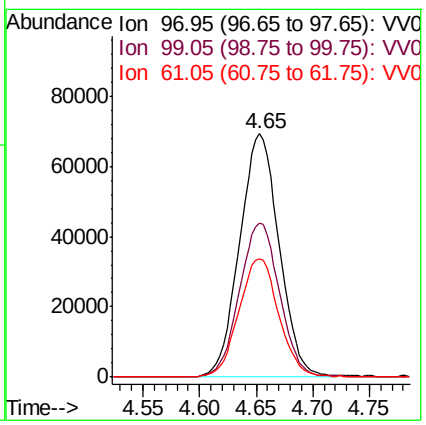


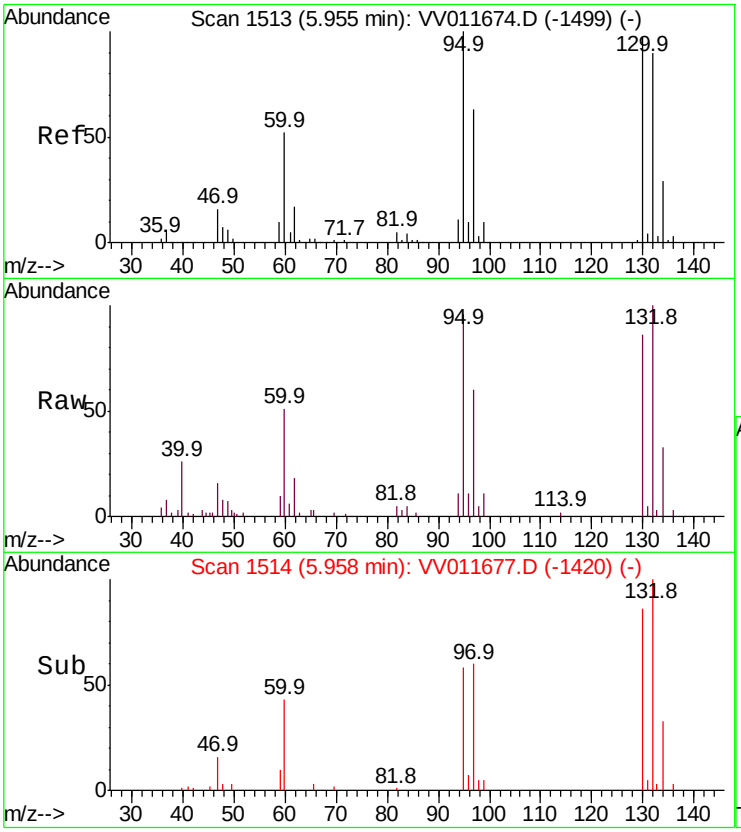


#29
1,1,1-Trichloroethane
Concen: 8.431 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011677.D
Acq: 21 Jun 2019 11:56

Tgt Ion: 97 Resp: 168396

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	49.4	39.8	59.6



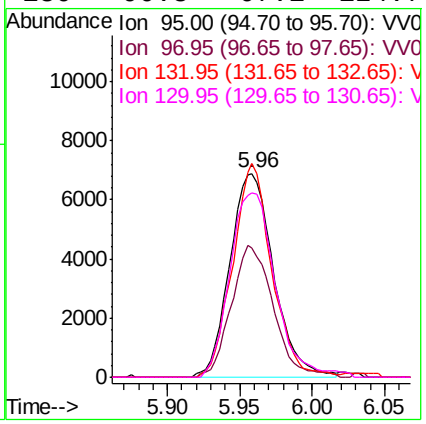


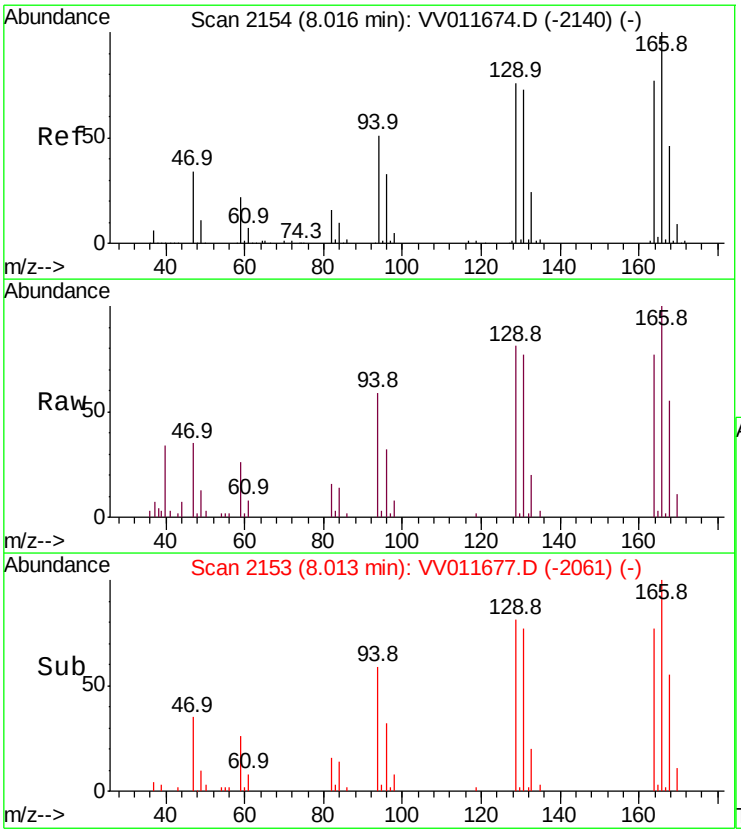
#34
Trichloroethene
Concen: 1.062 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011677.D
Acq: 21 Jun 2019 11:56

Instrument :
MSVOA_V
ClientSampleId :
BFCK9

Tgt Ion: 95 Resp: 14487

Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.4	82.5
132	104.6	65.0	120.6
130	90.3	67.1	124.7





#47
Tetrachloroethene
Concen: 0.695 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VV011677.D
Acq: 21 Jun 2019 11:56

Tgt Ion:164 Resp: 7061

Ion	Ratio	Lower	Upper
164	100		
129	104.2	69.7	129.5
131	99.2	64.6	120.0
166	129.3	86.4	160.4