Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102219\
Data File : VV013278.D
Acq On : 22 Oct 2019 14:49
Operator : SY/MD
Sample : K5462-06MS
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Oct 23 01:26:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 01:23:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	421920	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	449108	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	235926	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	186752	6.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 120.00%			
7) Chloroethane-d5	1.58	69	150702	5.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 117.40%			
11) 1,1-Dichloroethene-d2	2.13	63	277225	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.20%			
20) 2-Butanone-d5	3.96	46	452476	75.74	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 151.48%#			
24) Chloroform-d	4.40	84	396482	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
26) 1,2-Dichloroethane-d4	5.08	65	188234	5.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.00%			
32) Benzene-d6	5.10	84	807042	5.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.00%			
36) 1,2-Dichloropropane-d6	6.12	67	245337	5.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.20%			
41) Toluene-d8	7.36	98	667792	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
43) trans-1,3-Dichloropropene-	7.66	79	80991	4.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.80%			
46) 2-Hexanone-d5	8.13	63	287857	48.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.58%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	169791	5.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	264762	5.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	139473	3.425	ug/L	100
8) Chloroethane	1.32	64	44792	1.846	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2665	0.077	ug/L #	26
12) 1,1-Dichloroethene	2.14	96	125661	3.788	ug/L #	79
17) Methyl tert-butyl Ether	2.81	73	232545	3.027	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	77583	1.984	ug/L	91
19) 1,1-Dichloroethane	3.23	63	33627	0.529	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	2412283	57.632	ug/L #	87
27) 1,2-Dichloroethane	5.09	62	4607	0.104	ug/L	98
33) Benzene	5.14	78	747587	4.359	ug/L	100
34) Trichloroethene	5.95	95	713570	15.507	ug/L	99
35) Methylcyclohexane	6.12	83	60786	0.859	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	24768	0.595	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	5666	0.097	ug/L #	46
42) Toluene	7.43	91	739228	4.105	ug/L	98
47) Tetrachloroethene	8.02	164	13511	0.323	ug/L	98
48) 2-Hexanone	8.13	43	42853	2.819	ug/L #	79

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102219\
Data File : VV013278.D
Acq On : 22 Oct 2019 14:49
Operator : SY/MD
Sample : K5462-06MS
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Oct 23 01:26:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 01:23:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dibromochloromethane	8.02	129	12064	0.329	ug/L	#	11
51) Chlorobenzene	8.92	112	534501	4.534	ug/L		99

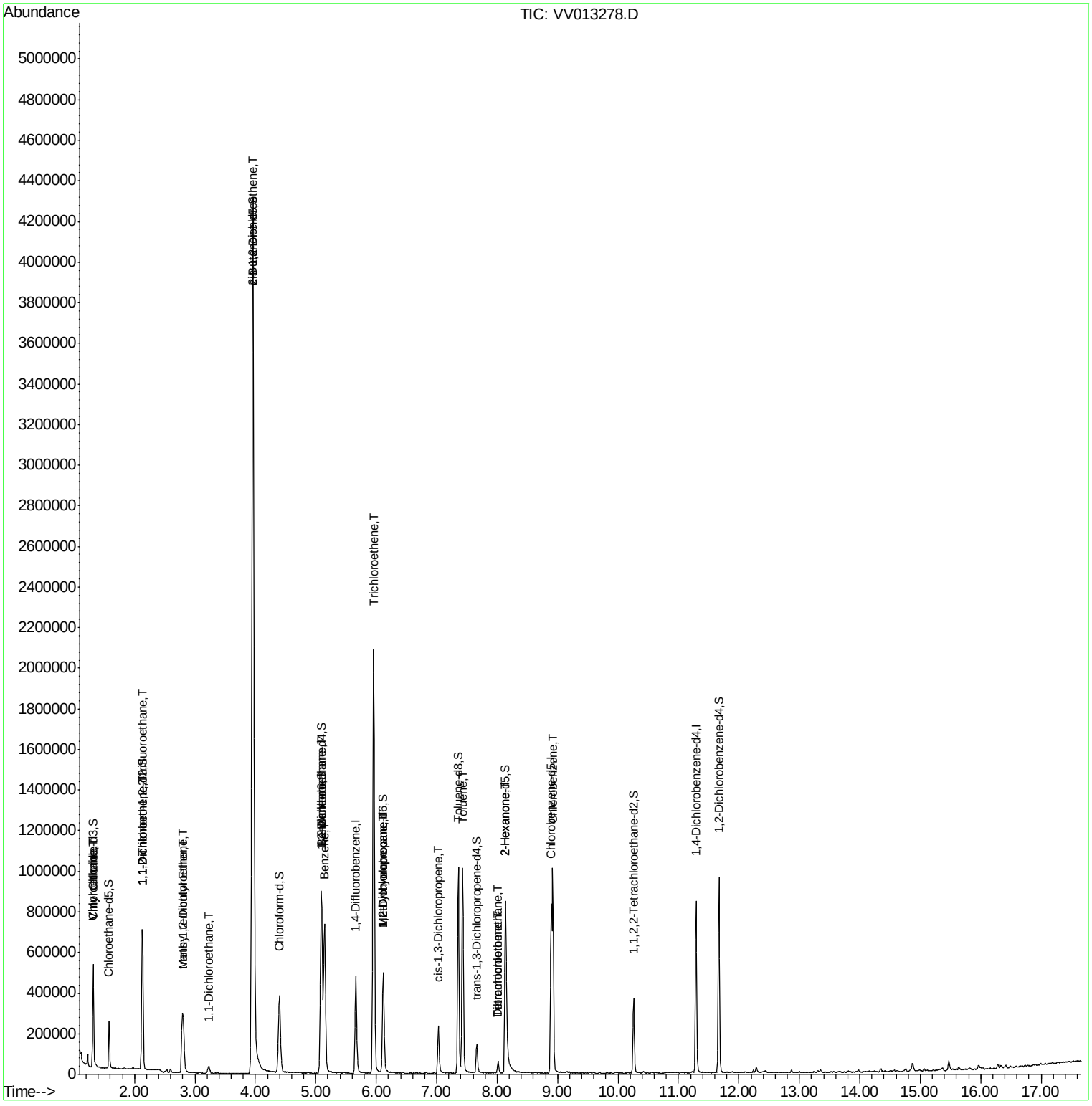
(#) = qualifier out of range (m) = manual integration (+) = signals summed

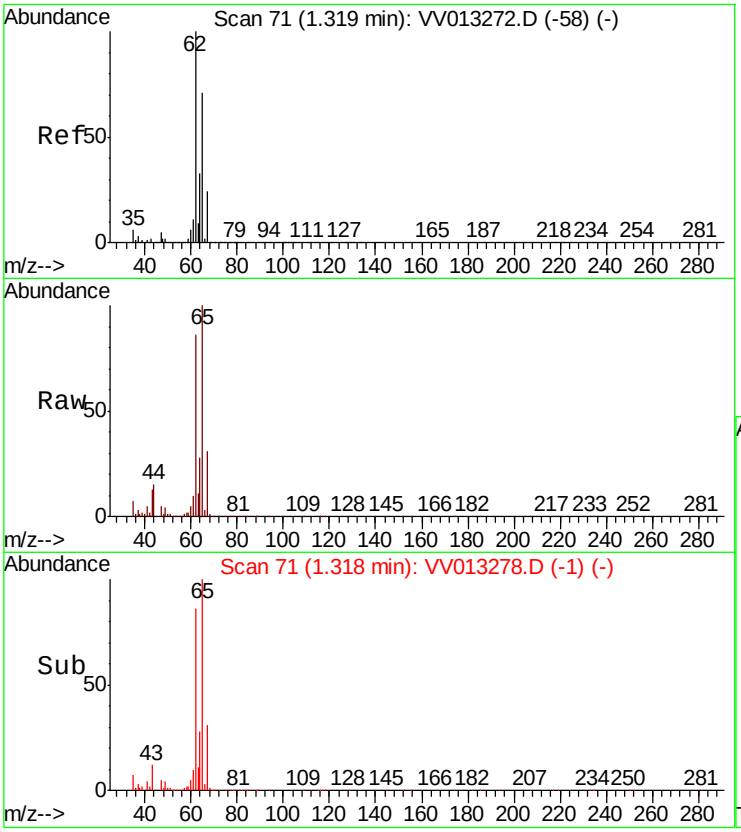
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102219\
Data File : VV013278.D
Acq On : 22 Oct 2019 14:49
Operator : SY/MD
Sample : K5462-06MS
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 23 01:26:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 01:23:09 2019
Response via : Initial Calibration



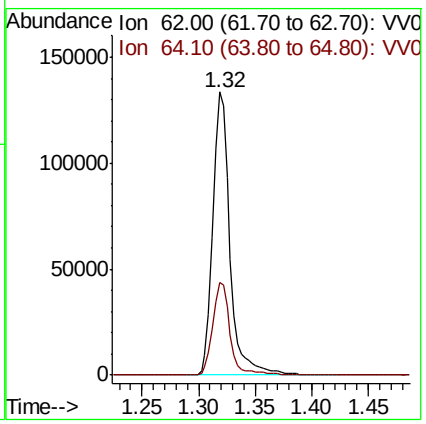


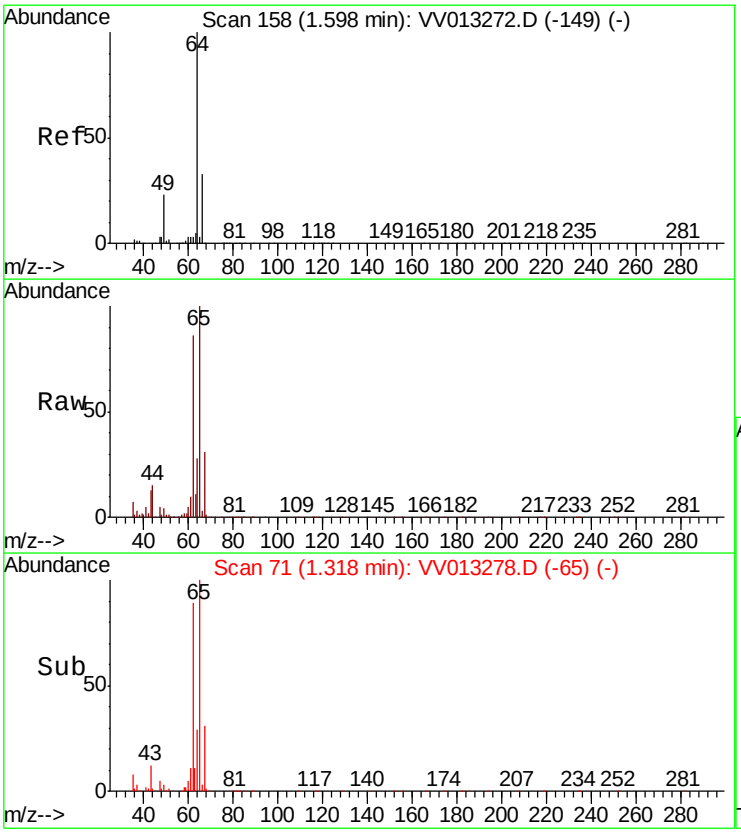
#5
Vinyl chloride
Concen: 3.425 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 139473

Ion	Ratio	Lower	Upper
62	100		
64	32.7	22.9	42.5

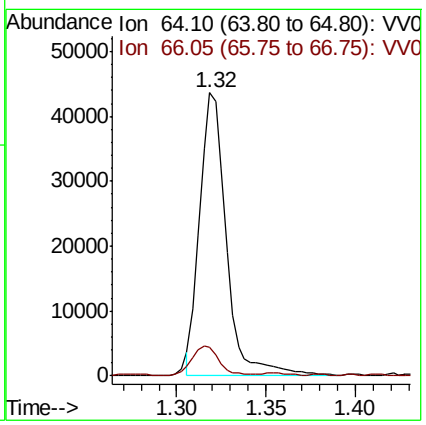


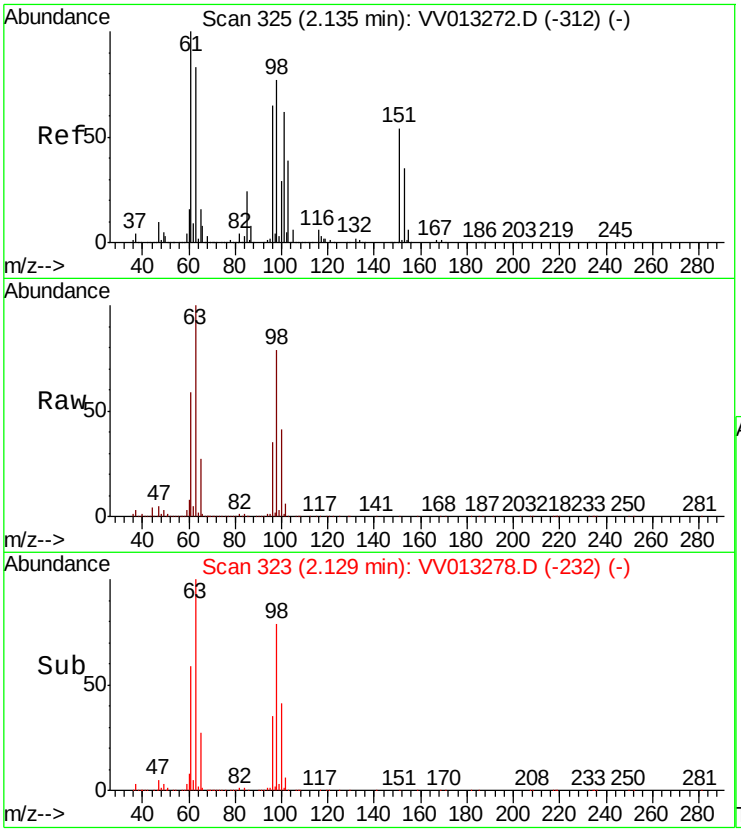


#8
Chloroethane
Concen: 1.846 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Tgt Ion: 64 Resp: 44792

Ion	Ratio	Lower	Upper
64	100		
66	10.2	22.7	42.3#



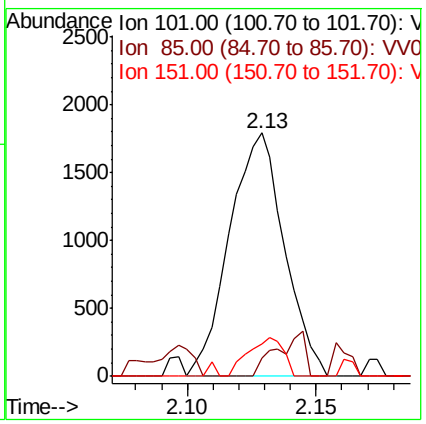


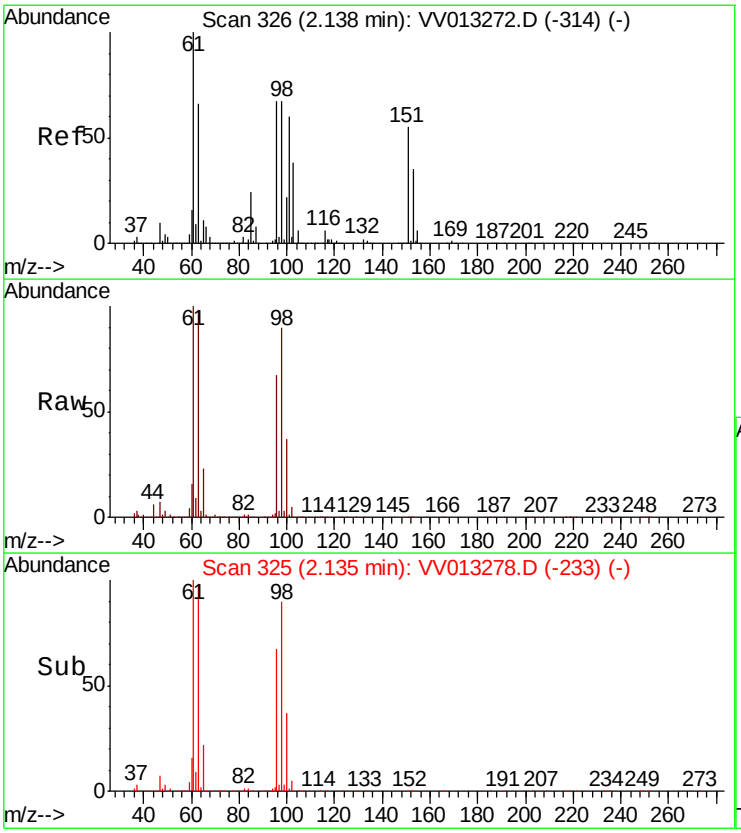
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.077 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 2665

Ion	Ratio	Lower	Upper
101	100		
85	9.5	31.8	47.8#
151	10.2	72.9	109.3#

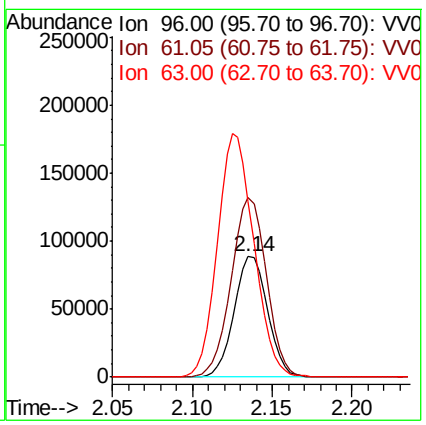


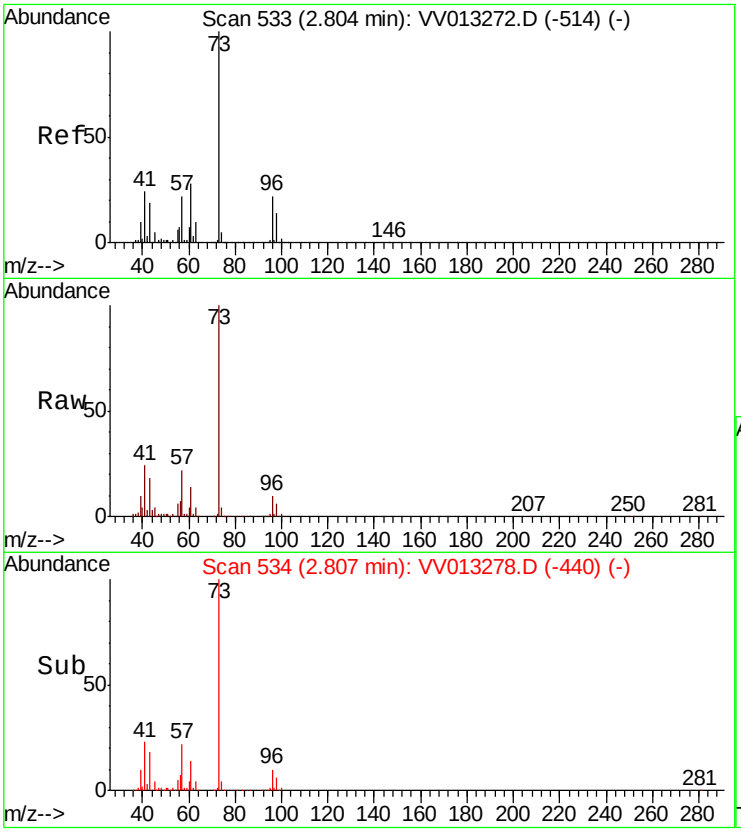


#12
1,1-Dichloroethene
Concen: 3.788 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Tgt Ion: 96 Resp: 125661

Ion	Ratio	Lower	Upper
96	100		
61	149.7	104.0	193.1
63	146.2	67.1	124.5#



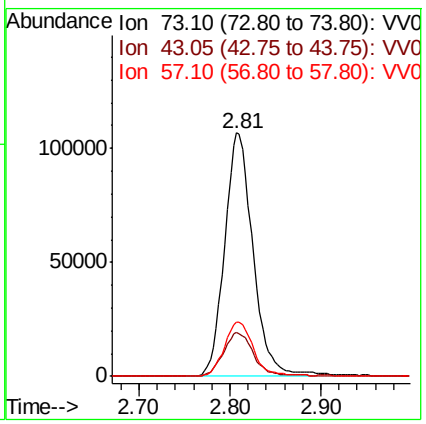


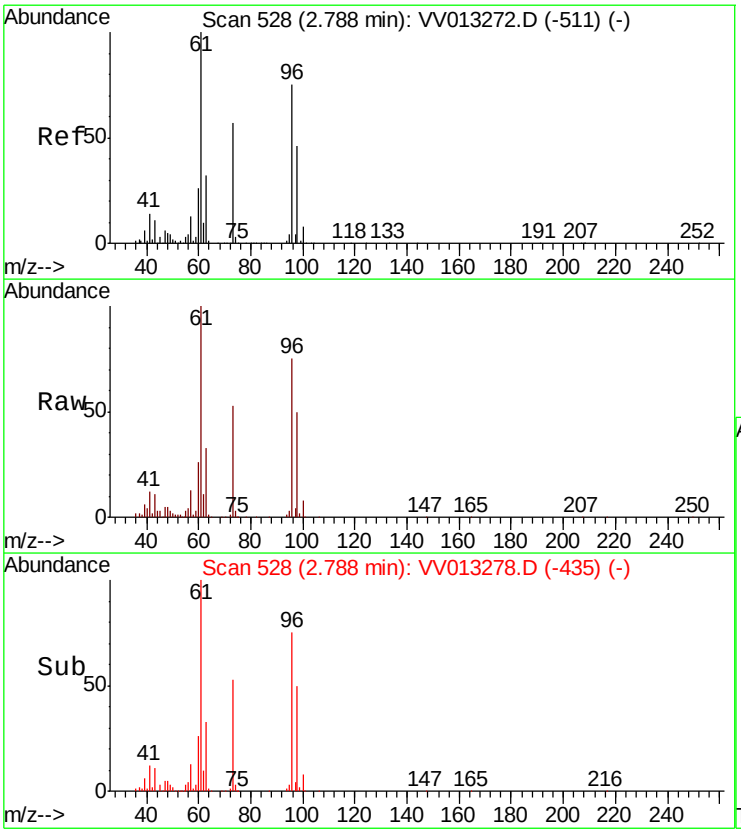
#17
Methyl tert-butyl Ether
Concen: 3.027 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 232545

Ion	Ratio	Lower	Upper
73	100		
43	18.3	13.1	19.7
57	22.8	16.4	24.6

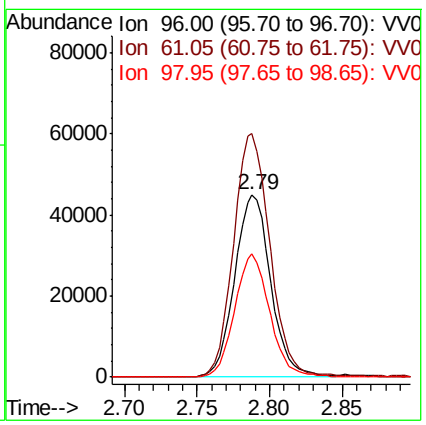


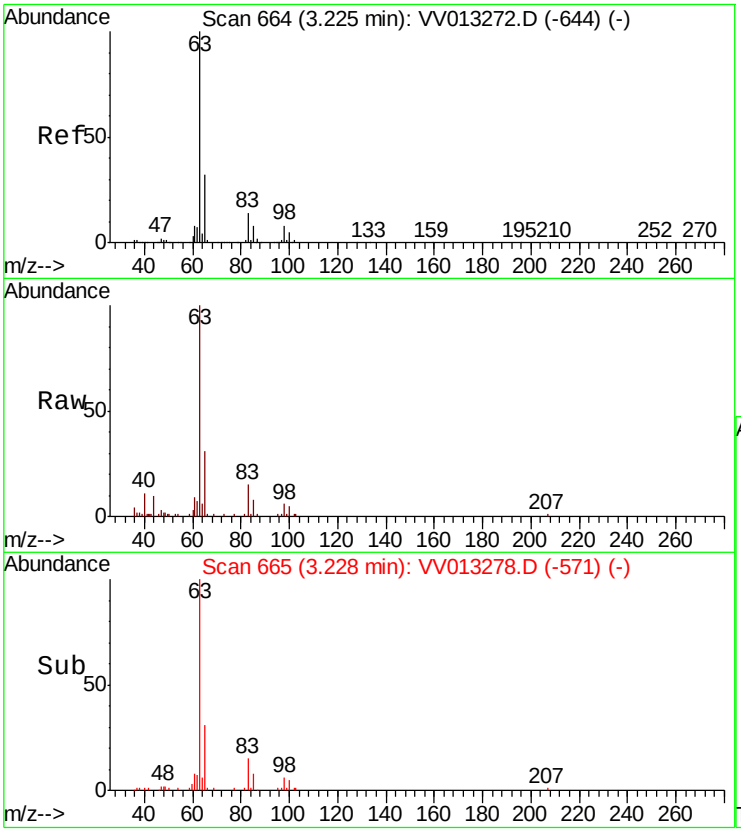


#18
trans-1,2-Dichloroethene
Concen: 1.984 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Tgt Ion: 96 Resp: 77583

Ion	Ratio	Lower	Upper
96	100		
61	133.3	84.4	156.8
98	67.3	44.4	82.4



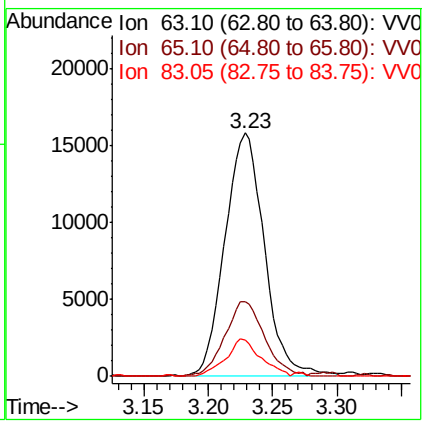


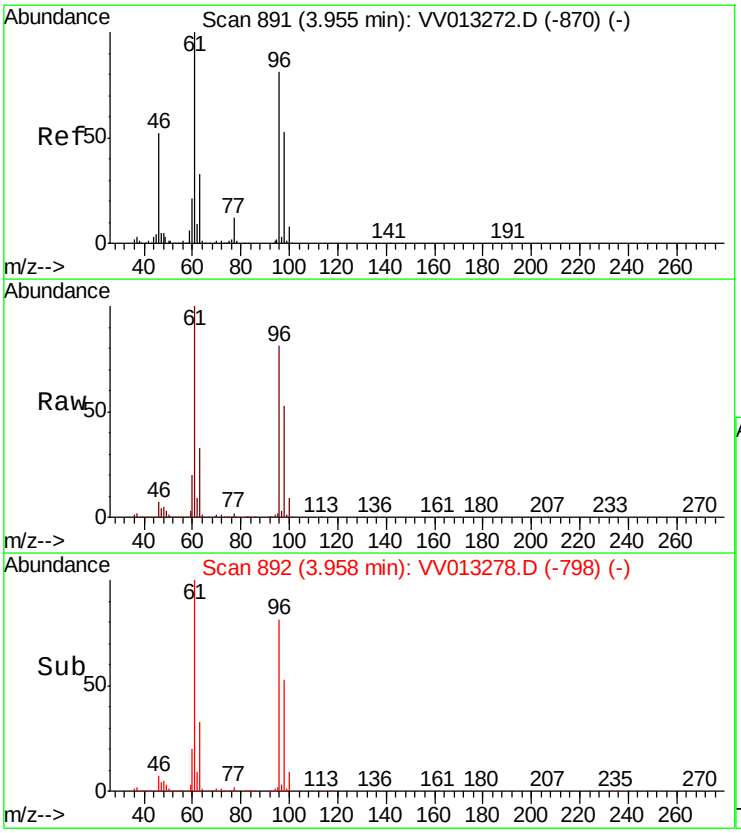
#19
1,1-Dichloroethane
Concen: 0.529 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 33627

Ion	Ratio	Lower	Upper
63	100		
65	30.8	23.0	42.8
83	15.1	10.2	19.0

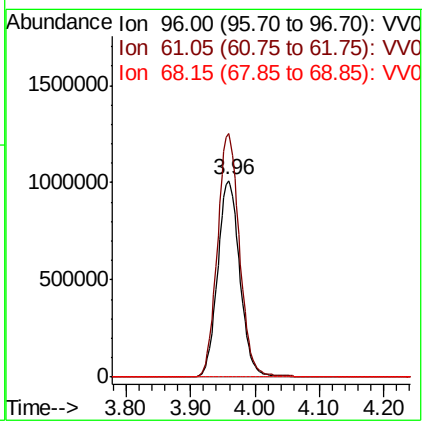


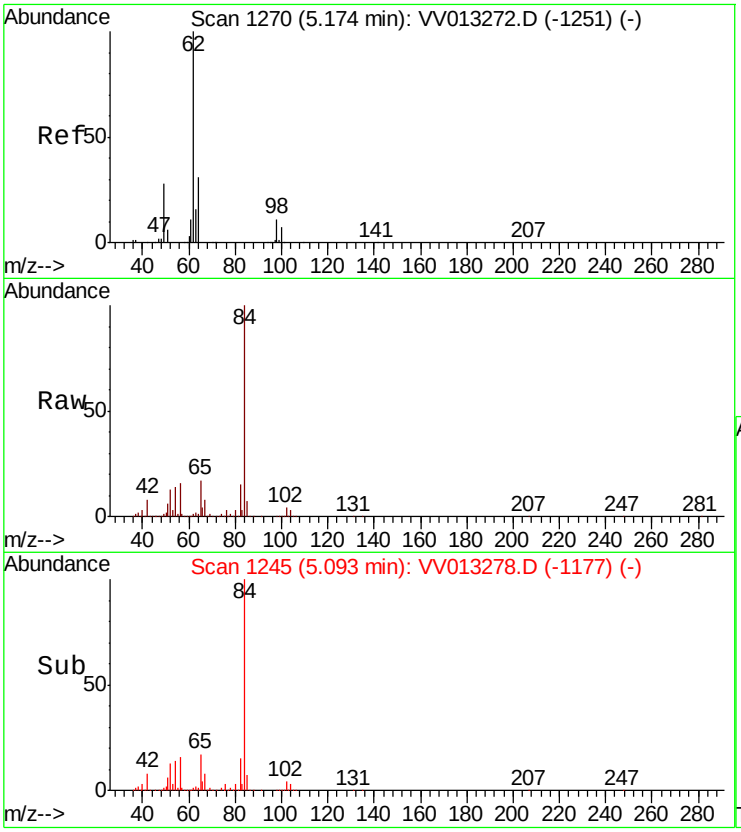


#22
cis-1,2-Dichloroethene
Concen: 57.632 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Tgt Ion: 96 Resp: 2412283

Ion	Ratio	Lower	Upper
96	100		
61	123.9	77.3	143.7
68	0.0	0.1	0.1#



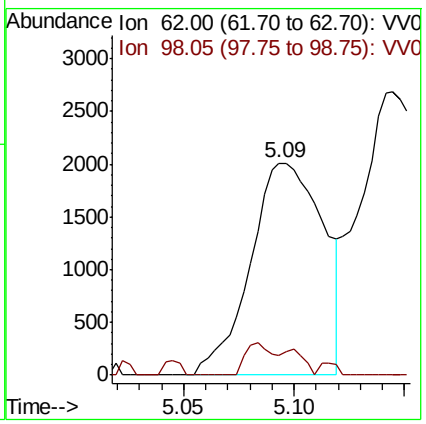


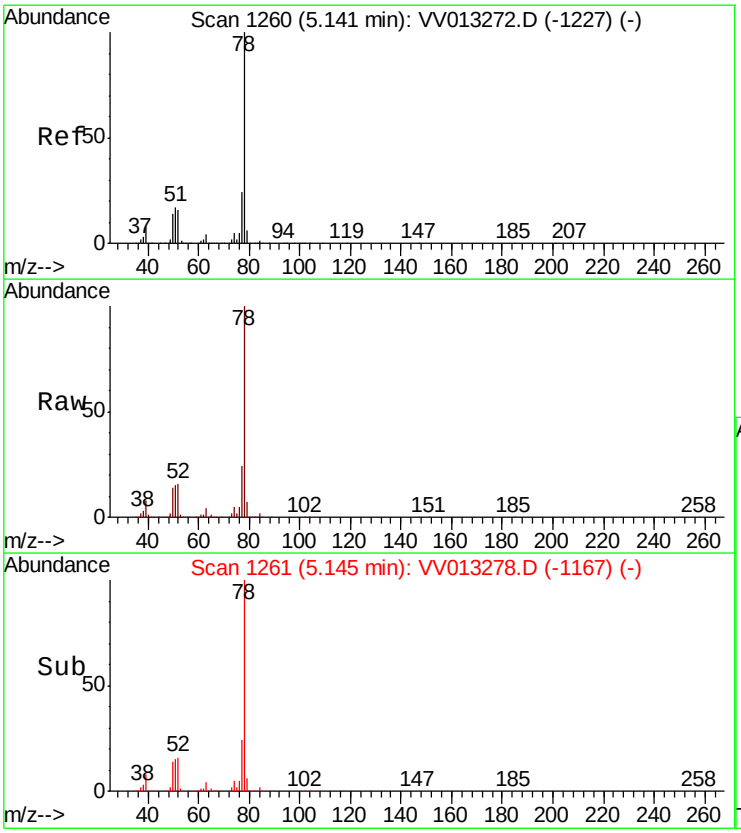
#27
1,2-Dichloroethane
Concen: 0.104 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 4607

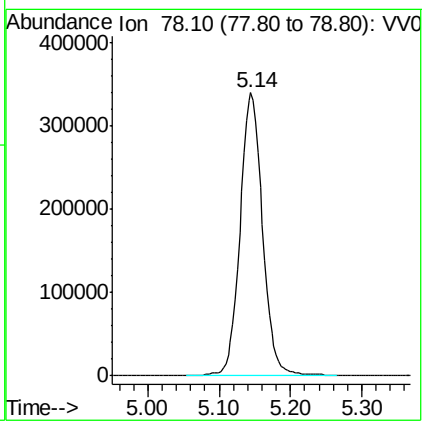
Ion	Ratio	Lower	Upper
62	100		
98	9.5	8.3	12.5

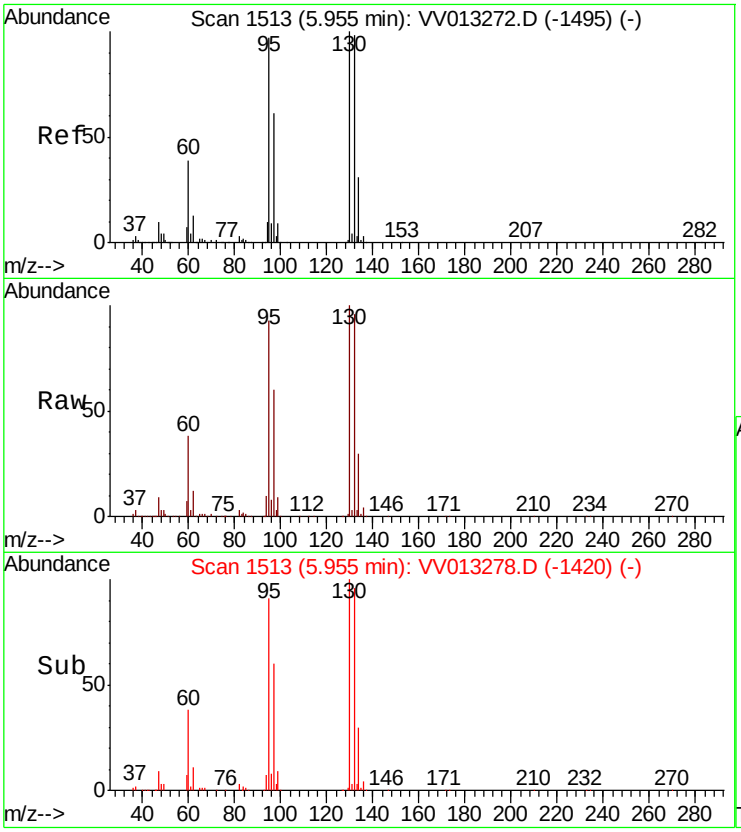




#33
Benzene
Concen: 4.359 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Tgt Ion: 78 Resp: 747587



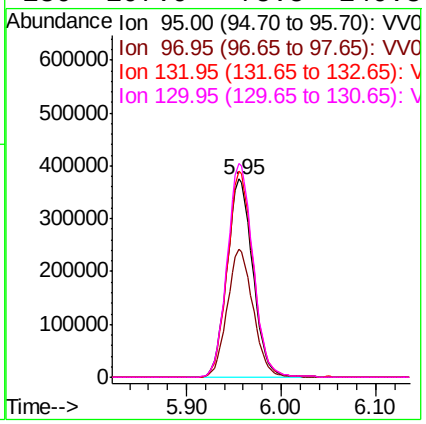


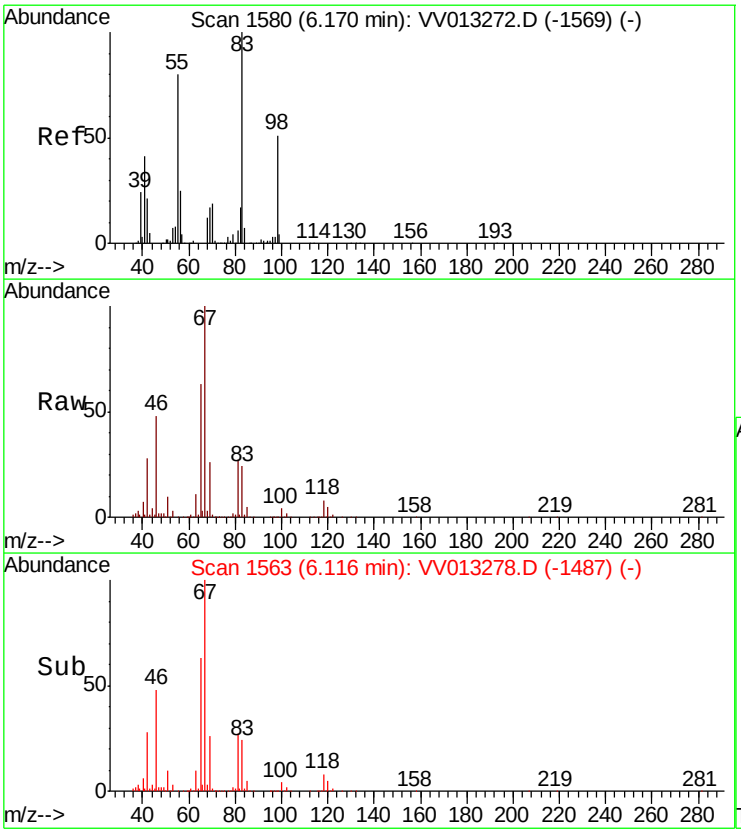
#34
Trichloroethene
Concen: 15.507 ug/L
RT: 5.95 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 713570

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.2	84.0
132	103.9	70.6	131.2
130	107.9	75.5	140.3

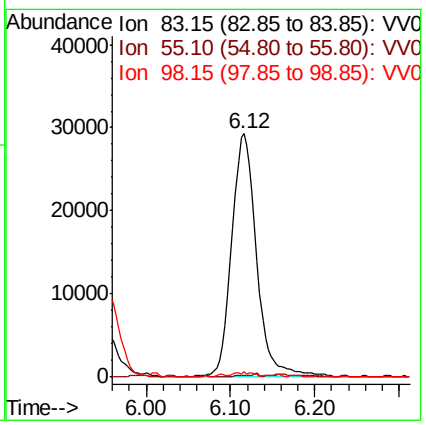


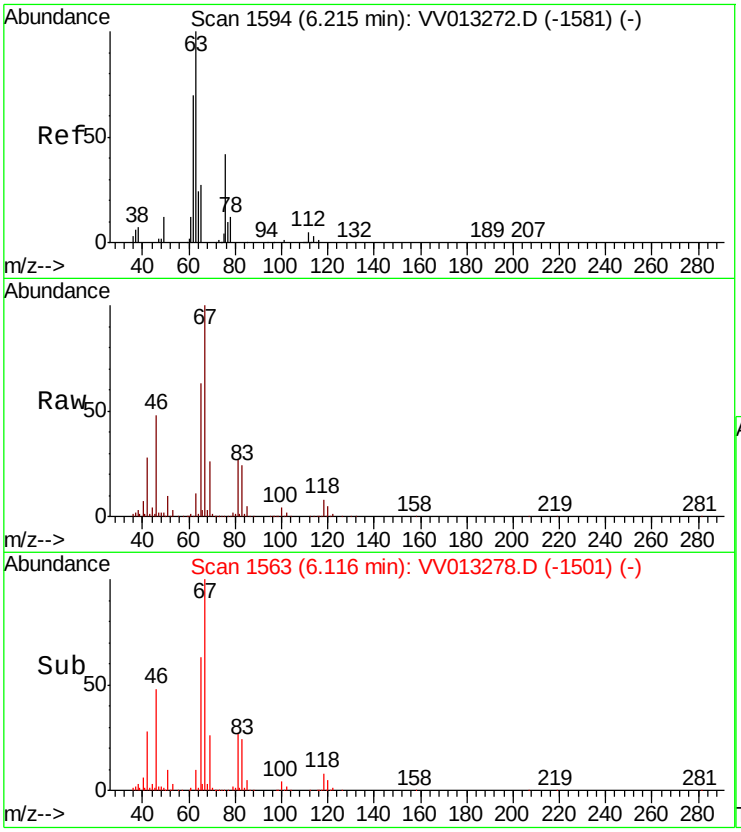


#35
Methylcyclohexane
Concen: 0.859 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Tgt Ion: 83 Resp: 60786

Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.4	93.6#
98	0.0	39.2	58.8#



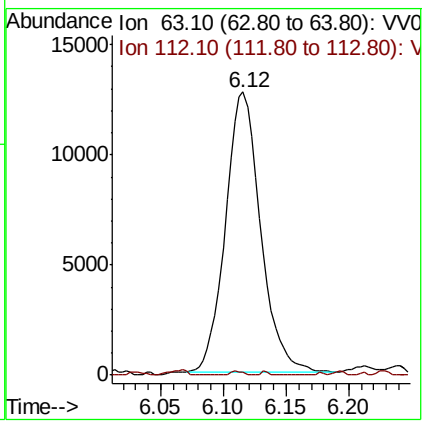


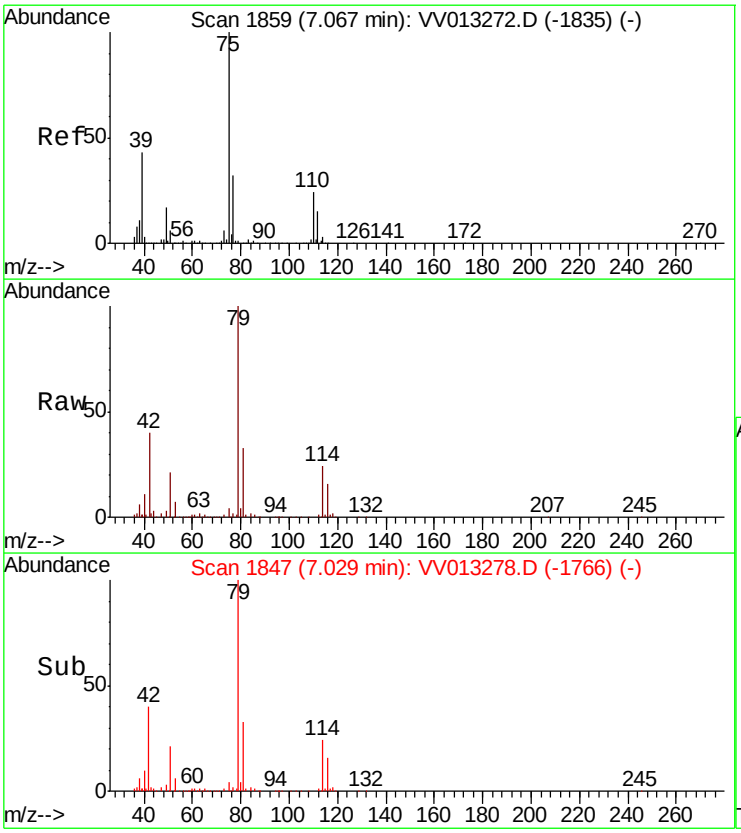
#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 24768

Ion	Ratio	Lower	Upper
63	100		
112	0.5	4.1	6.1#

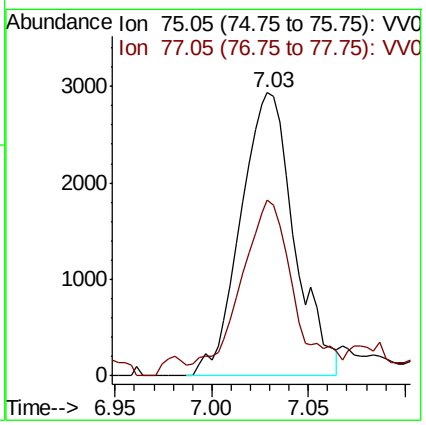


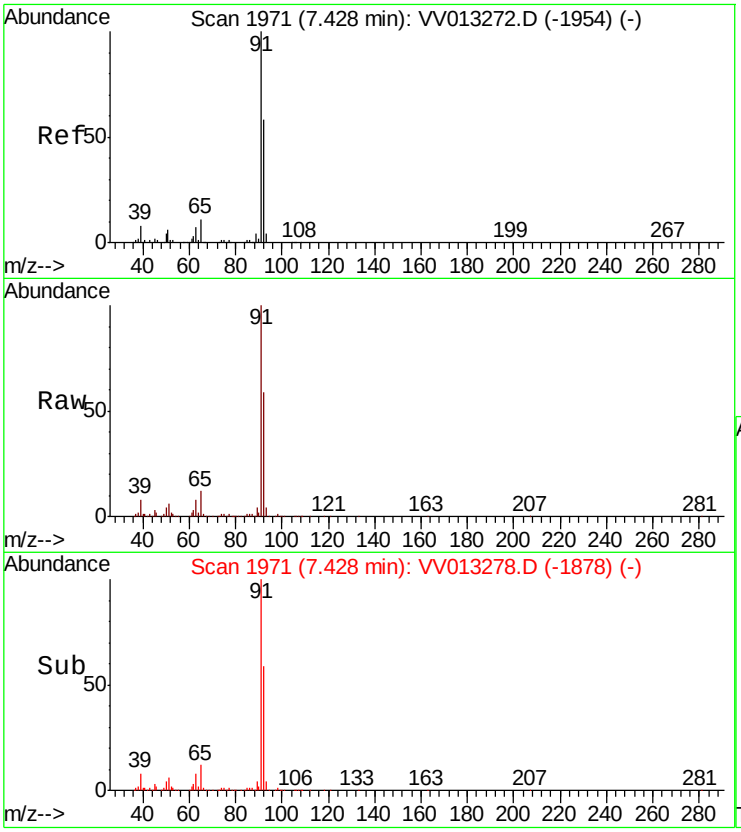


#39
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Tgt Ion: 75 Resp: 5666

Ion	Ratio	Lower	Upper
75	100		
77	62.3	22.6	42.0#



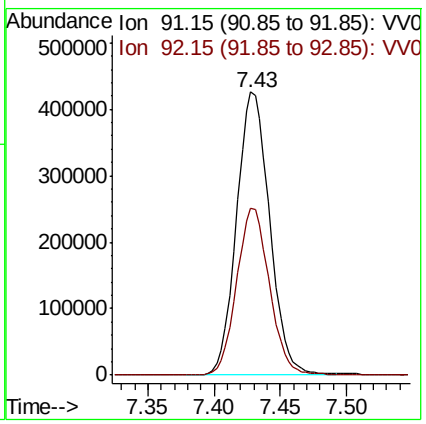


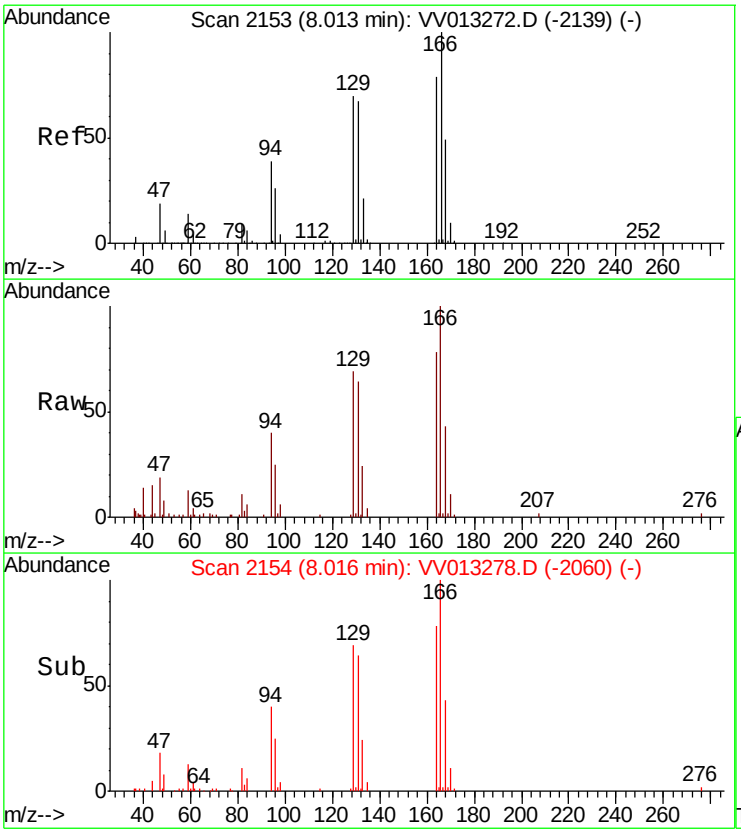
#42
Toluene
Concen: 4.105 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 739228

Ion	Ratio	Lower	Upper
91	100		
92	58.9	40.5	75.1

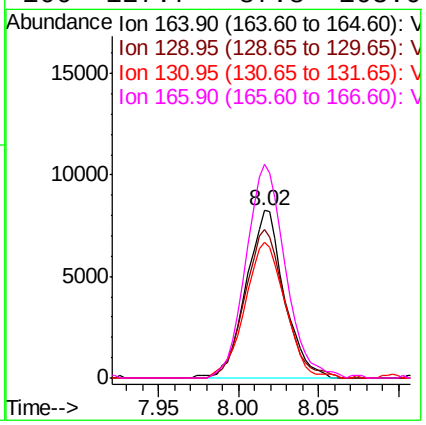


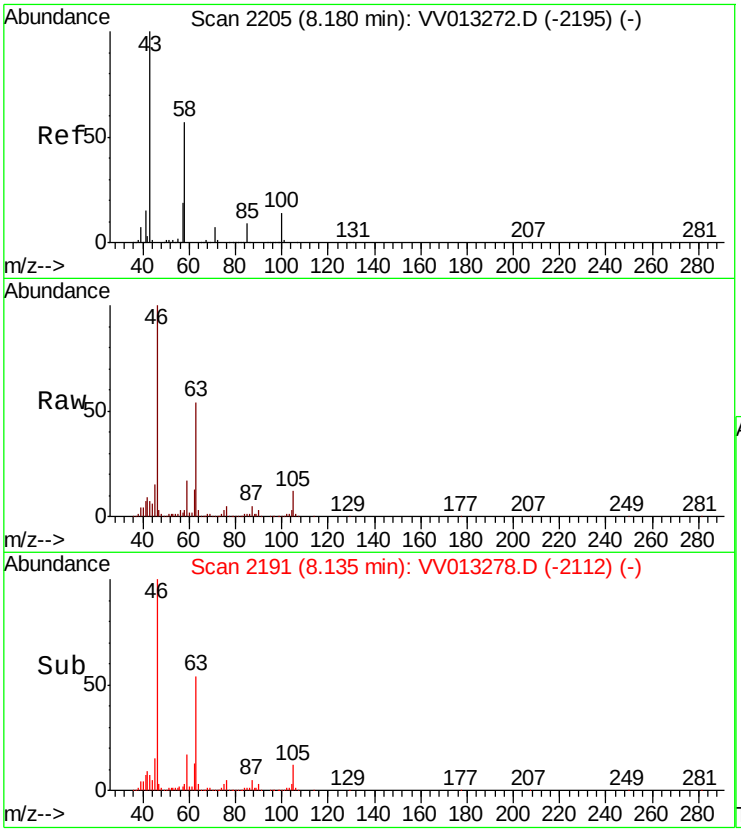


#47
Tetrachloroethene
Concen: 0.323 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Tgt Ion:164 Resp: 13511

Ion	Ratio	Lower	Upper
164	100		
129	88.7	61.0	113.2
131	81.2	57.5	106.9
166	127.7	87.8	163.0



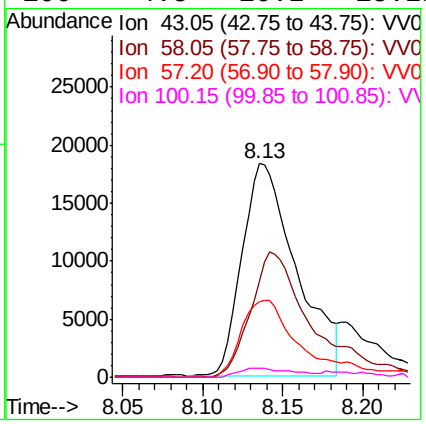


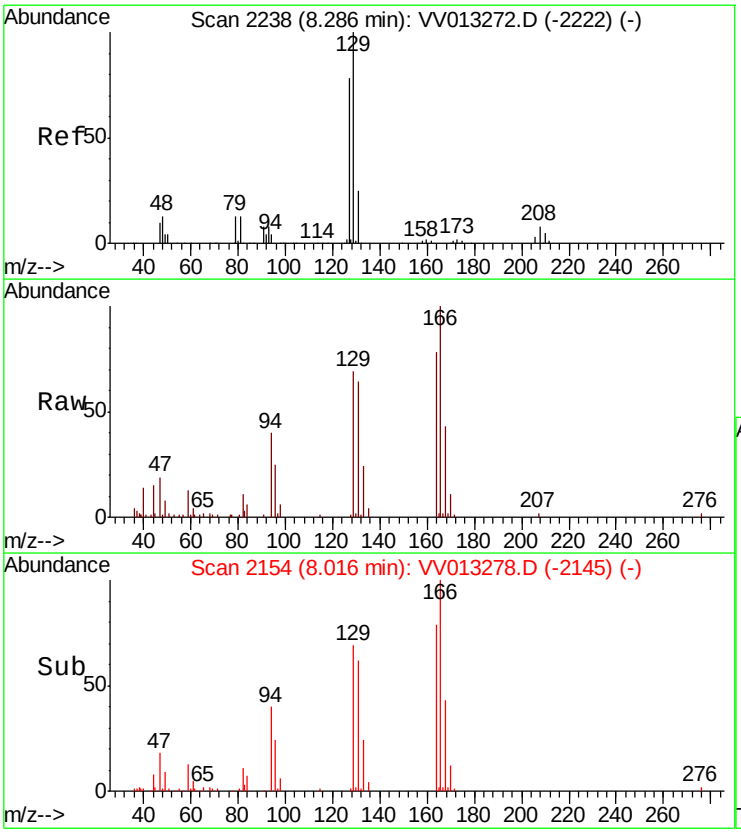
#48
2-Hexanone
Concen: 2.819 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 42853

Ion	Ratio	Lower	Upper
43	100		
58	66.6	45.1	67.7
57	39.4	15.5	23.3#
100	4.5	10.2	15.2#

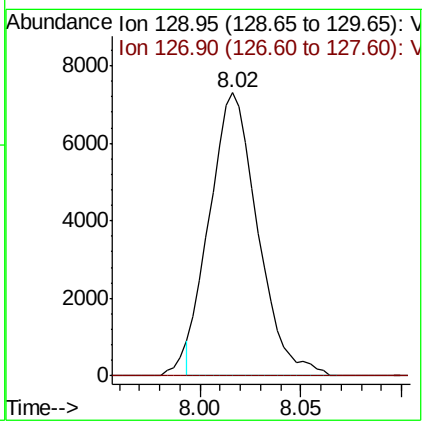


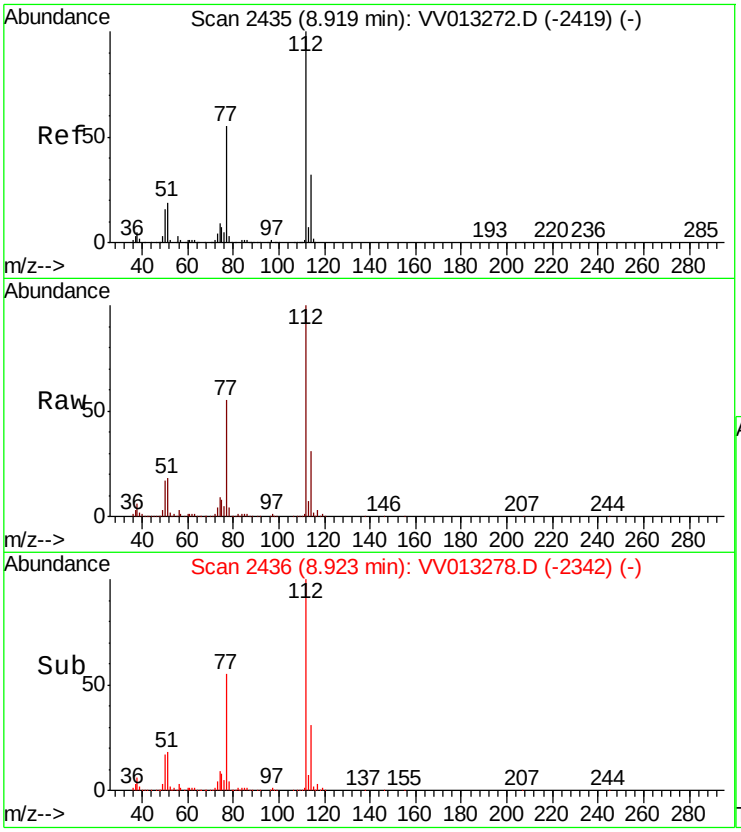


#49
Dibromochloromethane
Concen: 0.329 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Tgt Ion:129 Resp: 12064

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#

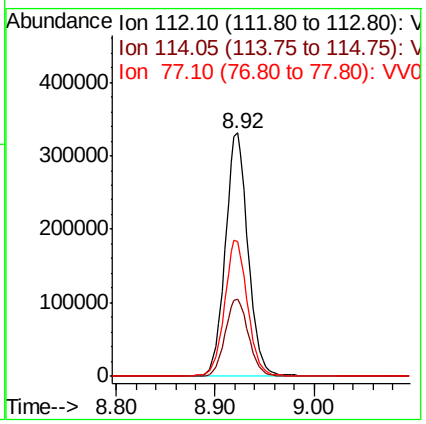




#51
Chlorobenzene
Concen: 4.534 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013278.D
Acq: 22 Oct 2019 14:49

Tgt Ion:112 Resp: 534501

Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.8	40.6
77	55.1	44.4	66.6



Instrument :
MSVOA_V
ClientSampleId :