Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\

Quantitation Report (Not Reviewed)

Data File : VV013269.D
Acq On : 22 Oct 2019 02:10
Operator : SY/MD
Sample : K5457-11
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K16

Quant Time: Oct 22 03:58:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	450535	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	495036	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	239100	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	150915	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.80%			
7) Chloroethane-d5	1.58	69	133225	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	2.13	63	219404	3.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.20%			
20) 2-Butanone-d5	3.97	46	418787	65.65	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 131.30%#			
24) Chloroform-d	4.40	84	368465	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.08	65	176375	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	5.10	84	701125	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
36) 1,2-Dichloropropane-d6	6.12	67	224840	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.20%			
41) Toluene-d8	7.36	98	562529	3.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.80%			
43) trans-1,3-Dichloropropene-	7.66	79	49080	2.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 53.80%#			
46) 2-Hexanone-d5	8.13	63	250694	38.55	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.10%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	157226	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	225409	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	8469	0.196	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2624	0.071	ug/L #	21
12) 1,1-Dichloroethene	2.14	96	72642	2.051	ug/L #	51
19) 1,1-Dichloroethane	3.23	63	11842	0.174	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	24031	0.538	ug/L #	99
25) Chloroform	4.42	83	61650	0.697	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	12122	0.166	ug/L	99
31) Carbon tetrachloride	4.87	117	16640	0.253	ug/L	98
34) Trichloroethene	5.96	95	200477	3.952	ug/L	98
35) Methylcyclohexane	6.12	83	55026	0.705	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	23888	0.520	ug/L #	87
38) Bromodichloromethane	6.55	83	4075	0.069	ug/L	89
47) Tetrachloroethene	8.02	164	140841	3.058	ug/L	93
48) 2-Hexanone	8.14	43	48563	2.898	ug/L #	85
49) Dibromochloromethane	8.02	129	119354	2.956	ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\

Quantitation Report (Not Reviewed)

Data File : VV013269.D
Acq On : 22 Oct 2019 02:10
Operator : SY/MD
Sample : K5457-11
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K16

Quant Time: Oct 22 03:58:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 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\VV102119\

Quantitation Report (Not Reviewed)

Data File : VV013269.D
Acq On : 22 Oct 2019 02:10
Operator : SY/MD
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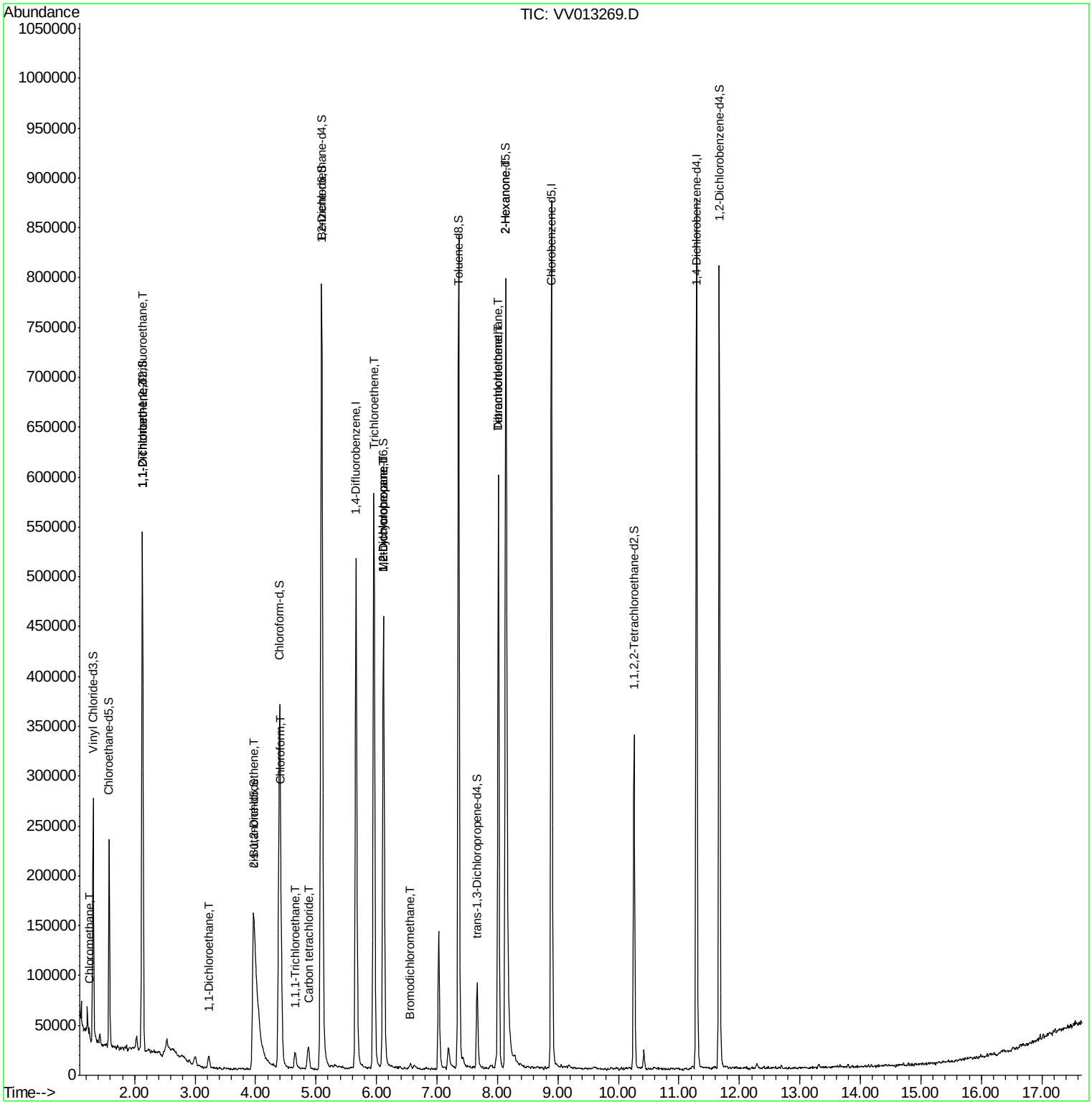
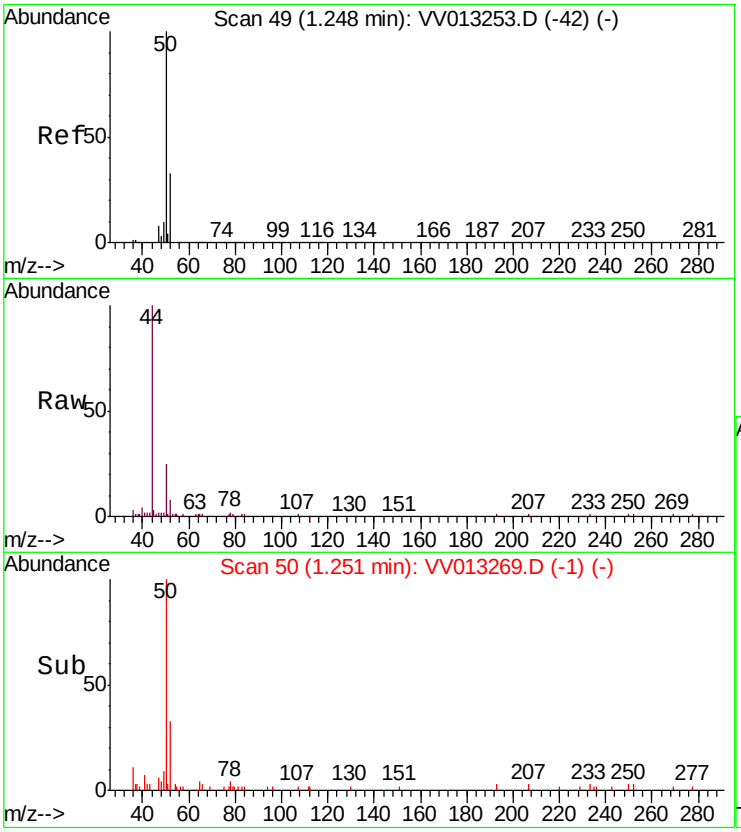
ClientSampleId :
C0K16

Quant Time: Oct 22 03:58:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration



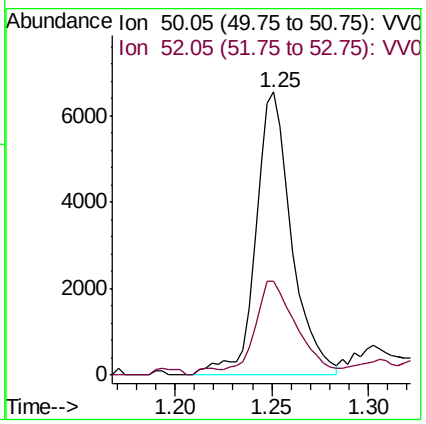


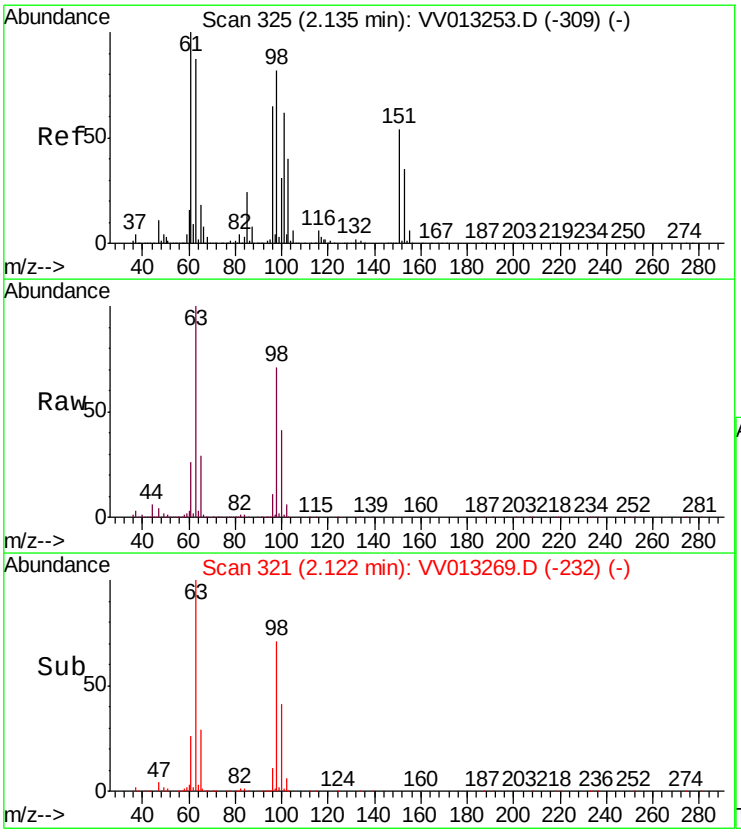
#3
Chloromethane
Concen: 0.196 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Instrument :
MSVOA_V
ClientSampleId :
C0K16

Tgt Ion: 50 Resp: 8469

Ion	Ratio	Lower	Upper
50	100		
52	33.2	23.3	43.3

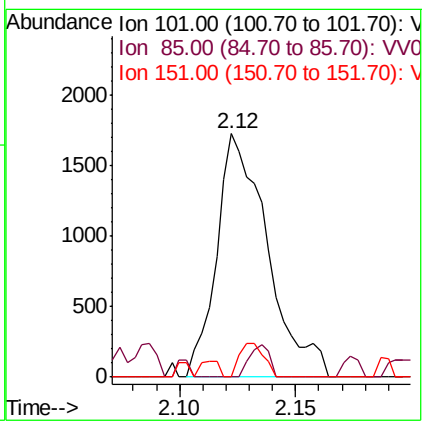


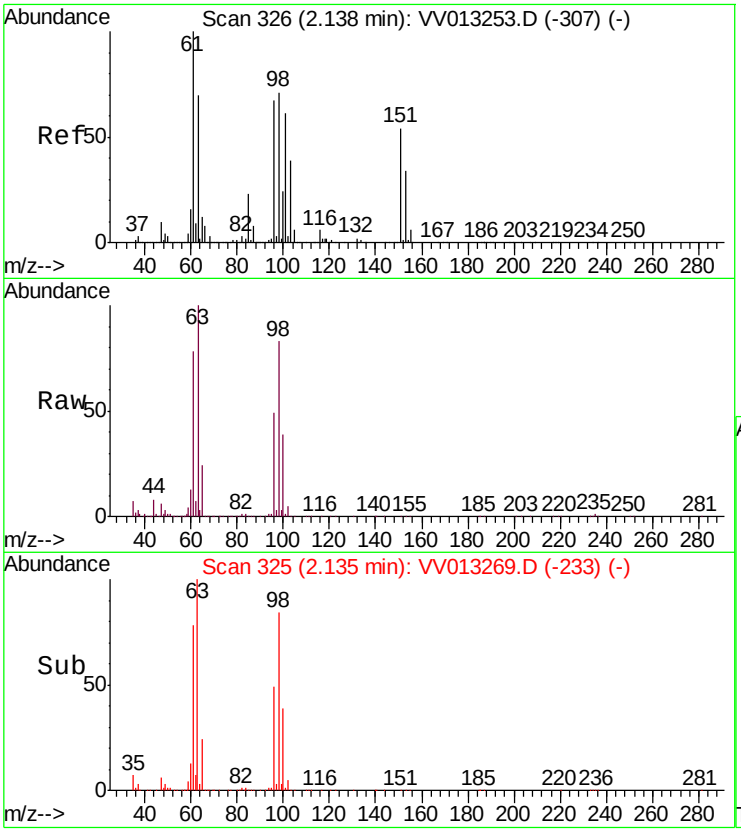


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Tgt Ion:101 Resp: 2624

Ion	Ratio	Lower	Upper
101	100		
85	5.3	31.8	47.8#
151	6.7	72.9	109.3#



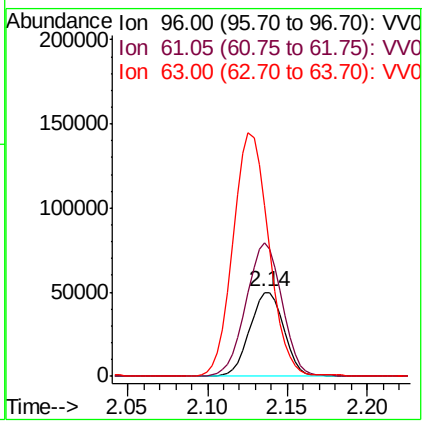


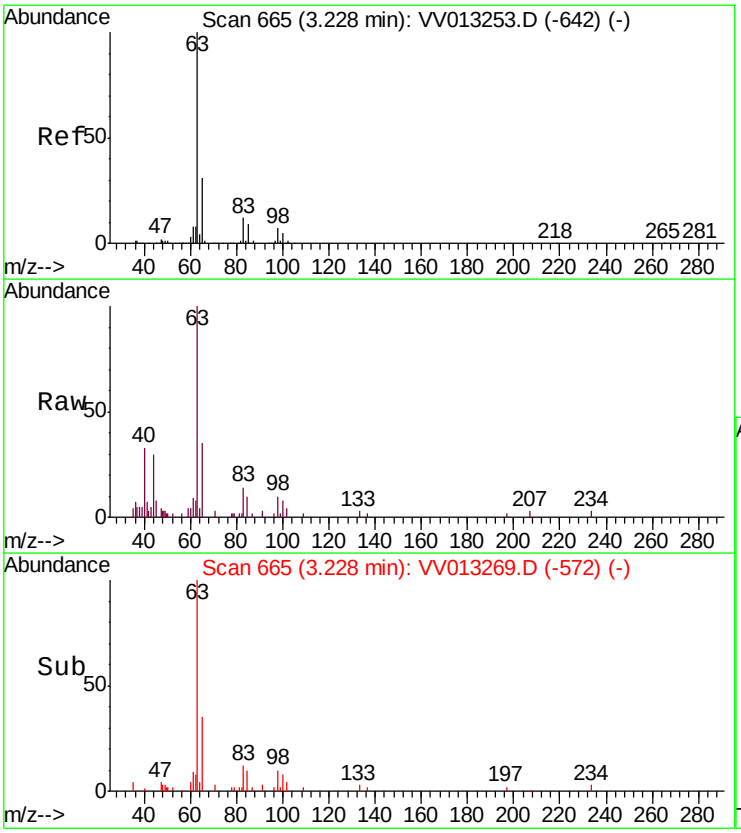
#12
1,1-Dichloroethene
Concen: 2.051 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Instrument : MSVOA_V
ClientSampleId : C0K16

Tgt Ion: 96 Resp: 72642

Ion	Ratio	Lower	Upper
96	100		
61	159.3	104.0	193.1
63	203.7	67.1	124.5#

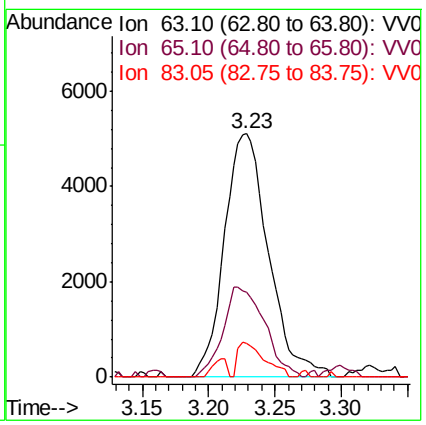


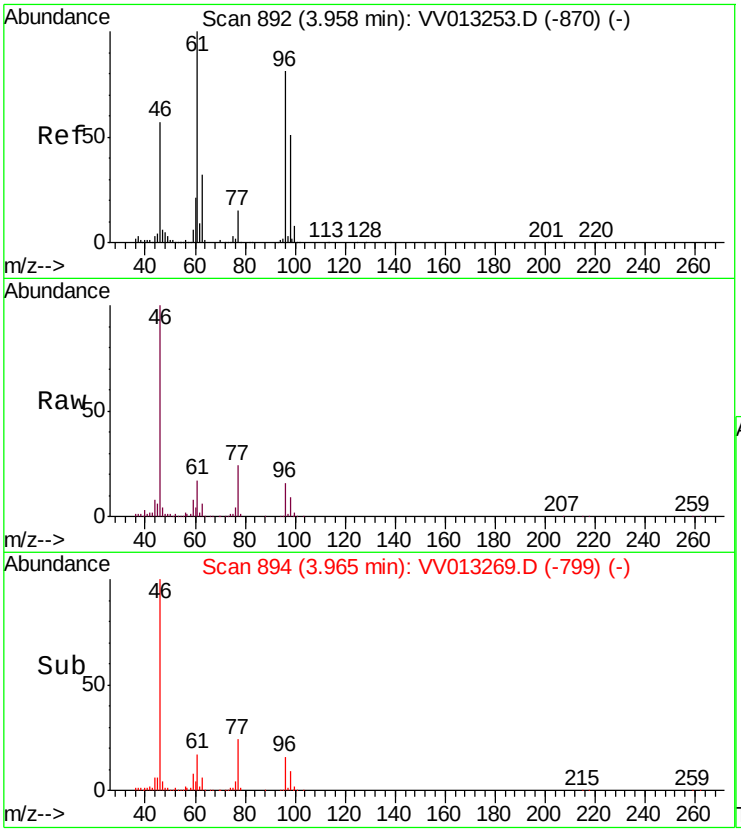


#19
1,1-Dichloroethane
Concen: 0.174 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Tgt Ion: 63 Resp: 11842

Ion	Ratio	Lower	Upper
63	100		
65	34.7	23.0	42.8
83	13.8	10.2	19.0



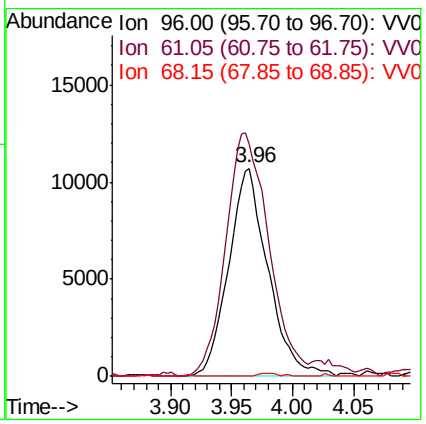


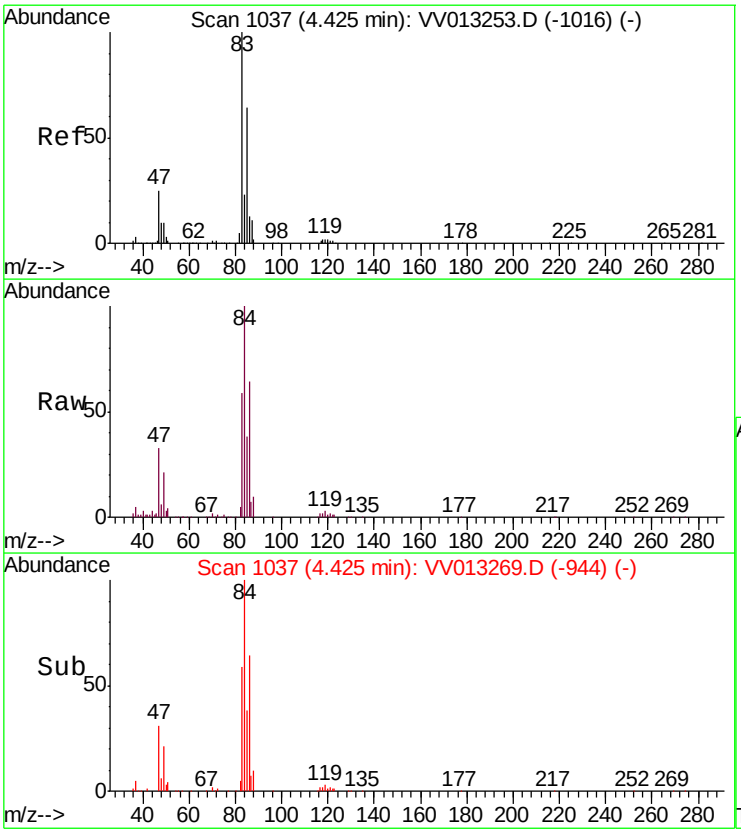
#22
cis-1,2-Dichloroethene
Concen: 0.538 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Instrument :
MSVOA_V
ClientSampleId :
C0K16

Tgt Ion: 96 Resp: 24031

Ion	Ratio	Lower	Upper
96	100		
61	111.6	77.3	143.7
68	0.0	0.1	0.1#

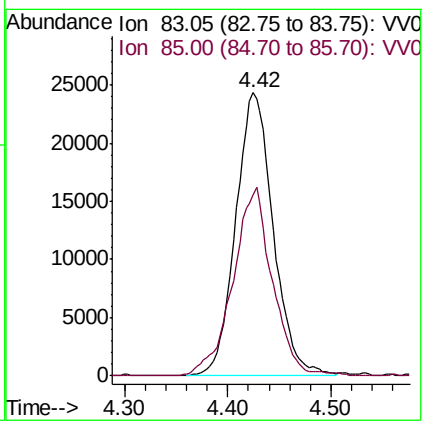


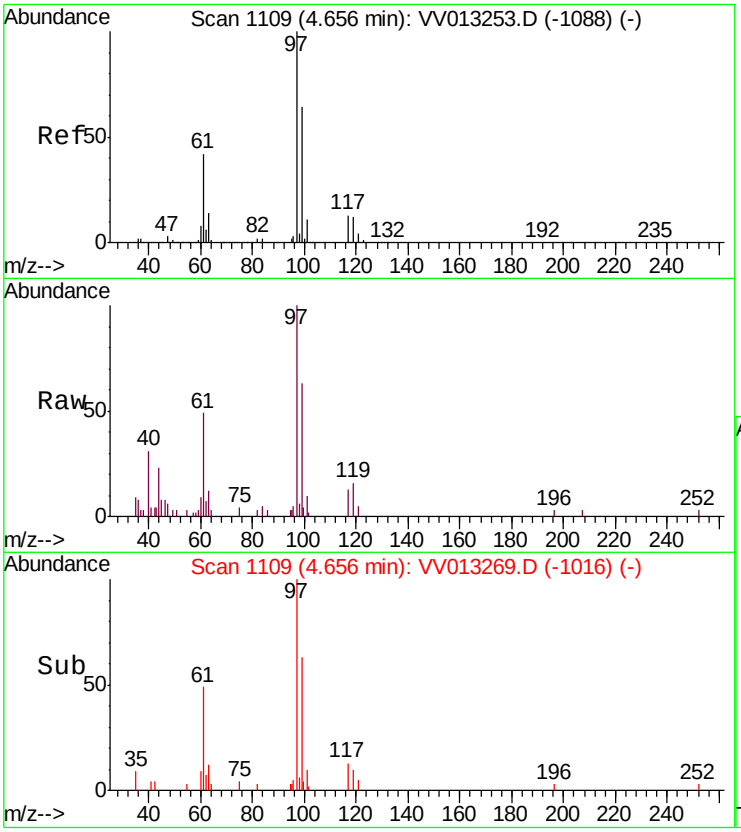


#25
Chloroform
Concen: 0.697 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Tgt Ion: 83 Resp: 61650

Ion	Ratio	Lower	Upper
83	100		
85	64.1	45.7	84.9



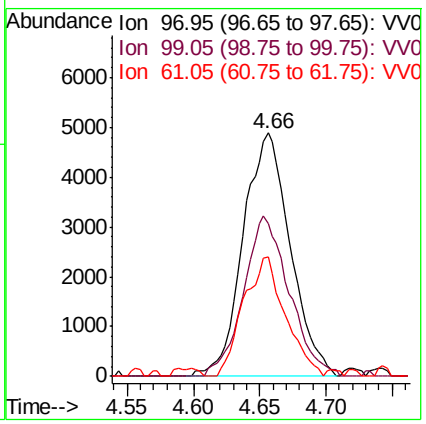


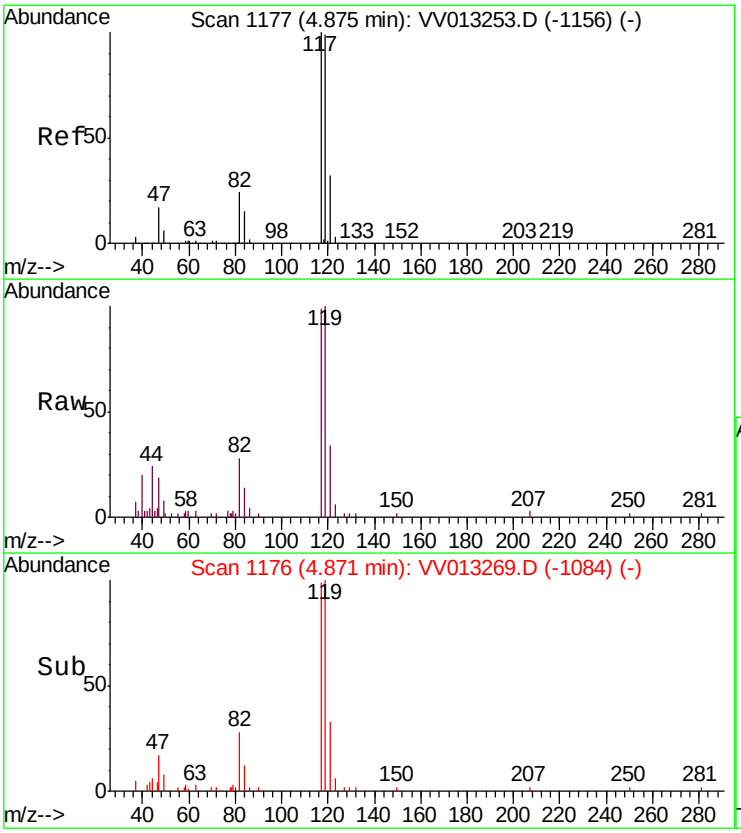
#29
1,1,1-Trichloroethane
Concen: 0.166 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Instrument :
MSVOA_V
ClientSampleId :
C0K16

Tgt Ion: 97 Resp: 12122

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.7	77.5
61	43.5	34.3	51.5

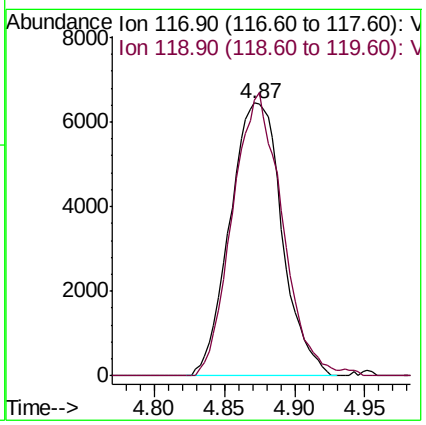


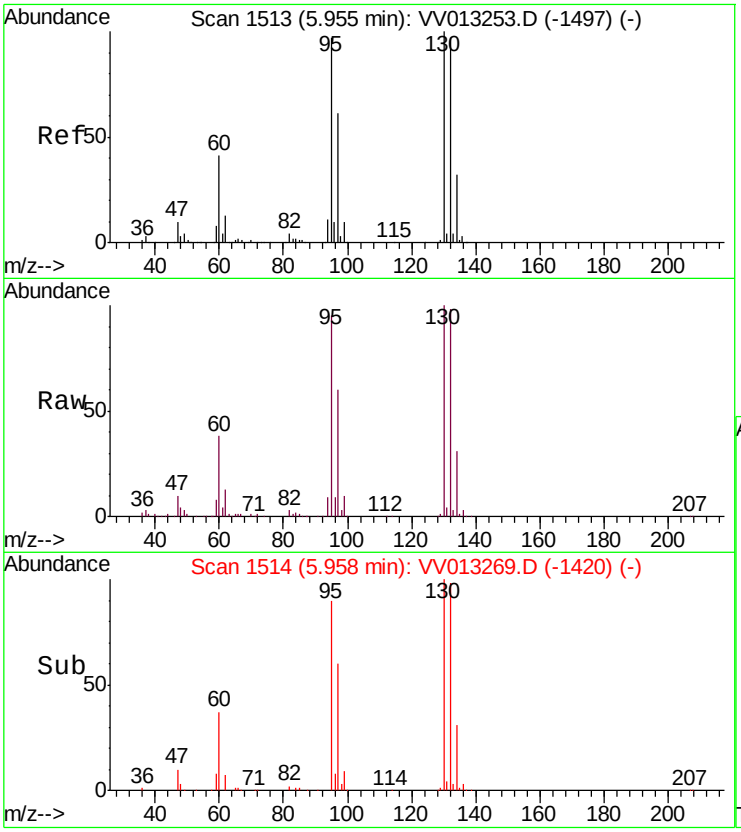


#31
Carbon tetrachloride
Concen: 0.253 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Tgt Ion:117 Resp: 16640

Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.4	116.0



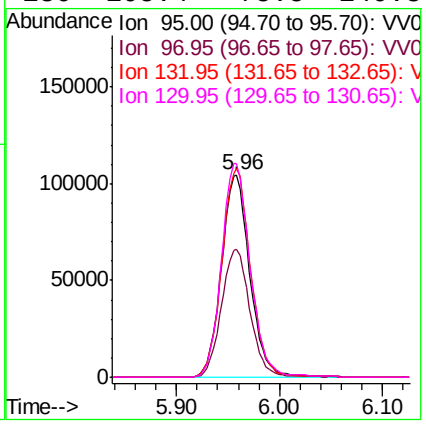


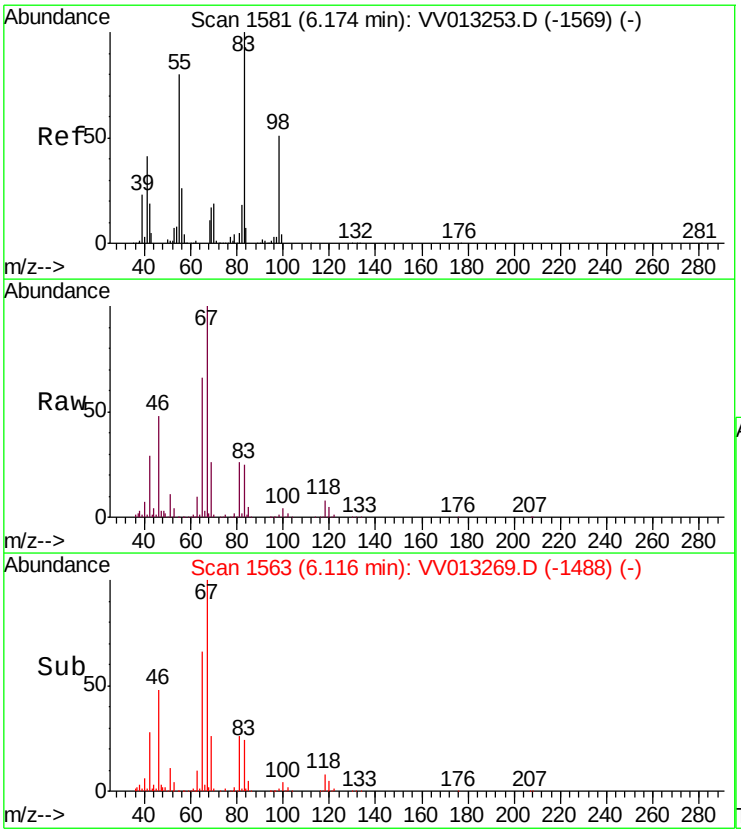
#34
Trichloroethene
Concen: 3.952 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Instrument :
MSVOA_V
ClientSampleId :
C0K16

Tgt Ion: 95 Resp: 200477

Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.2	84.0
132	103.2	70.6	131.2
130	105.4	75.5	140.3

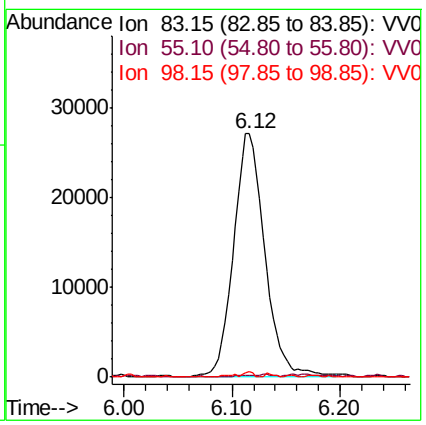


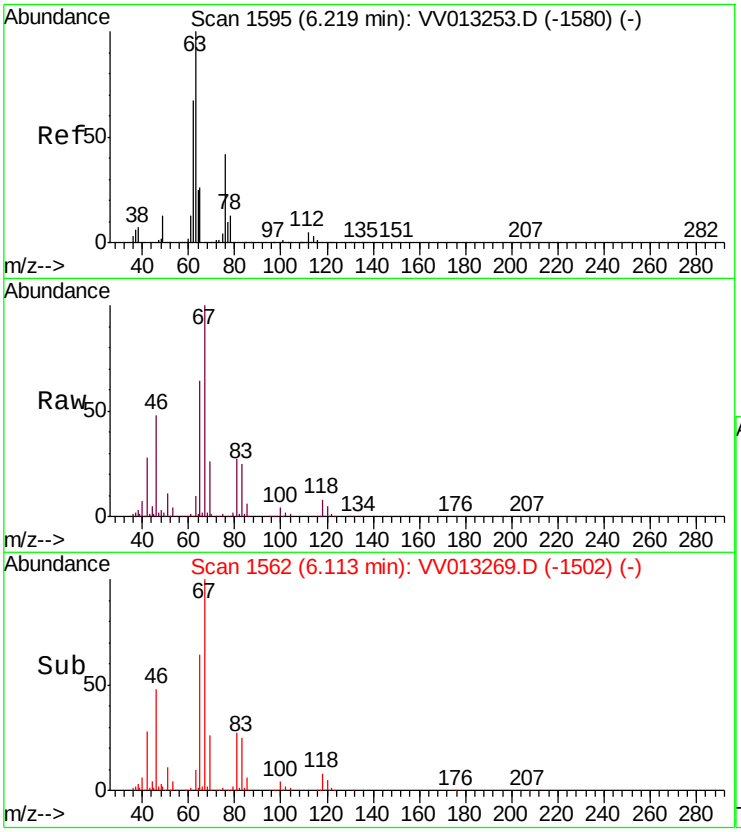


#35
Methylcyclohexane
Concen: 0.705 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Tgt Ion: 83 Resp: 55026

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.4	93.6#
98	0.7	39.2	58.8#



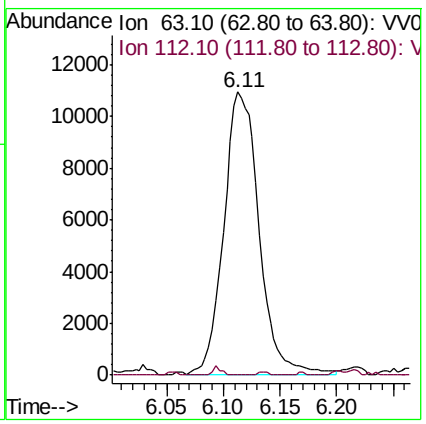


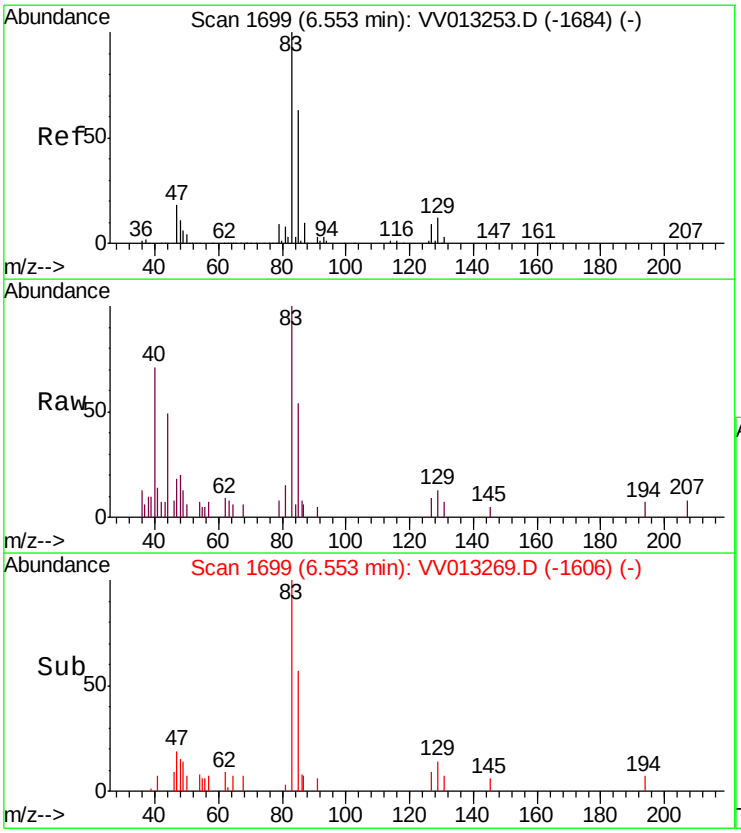
#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Instrument :
MSVOA_V
ClientSampleId :
C0K16

Tgt Ion: 63 Resp: 23888

Ion	Ratio	Lower	Upper
63	100		
112	0.7	4.1	6.1#

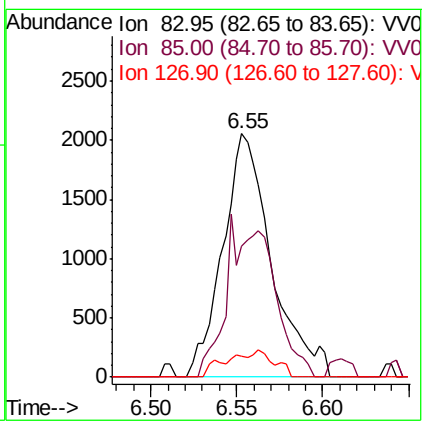


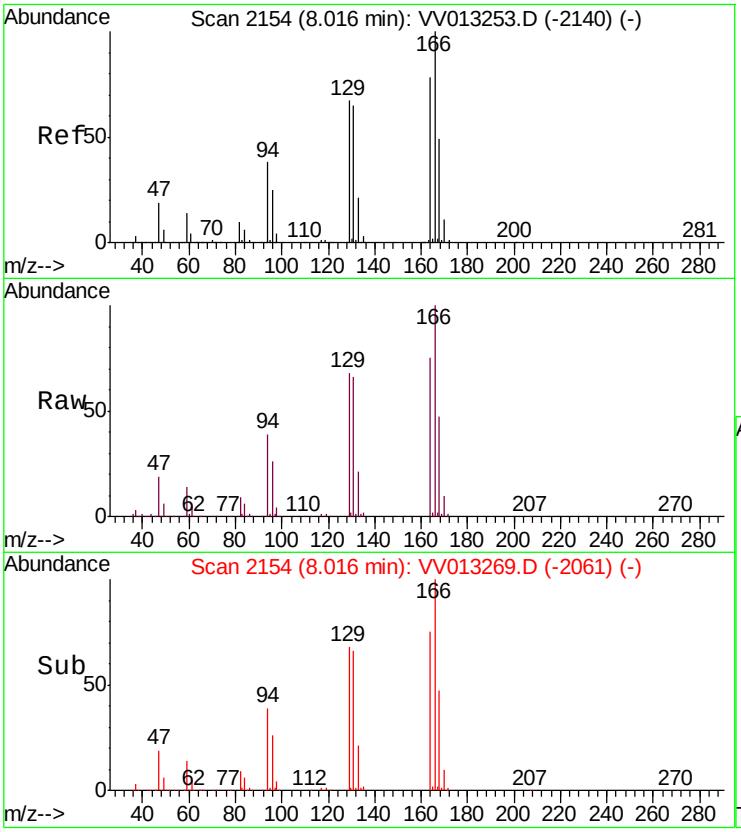


#38
Bromodichloromethane
Concen: 0.069 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Tgt Ion: 83 Resp: 4075

Ion	Ratio	Lower	Upper
83	100		
85	54.0	44.4	82.5
127	8.8	6.6	10.0



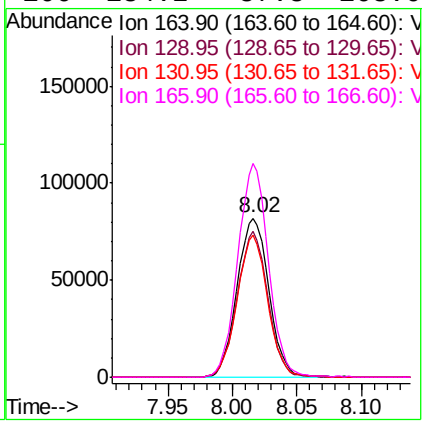


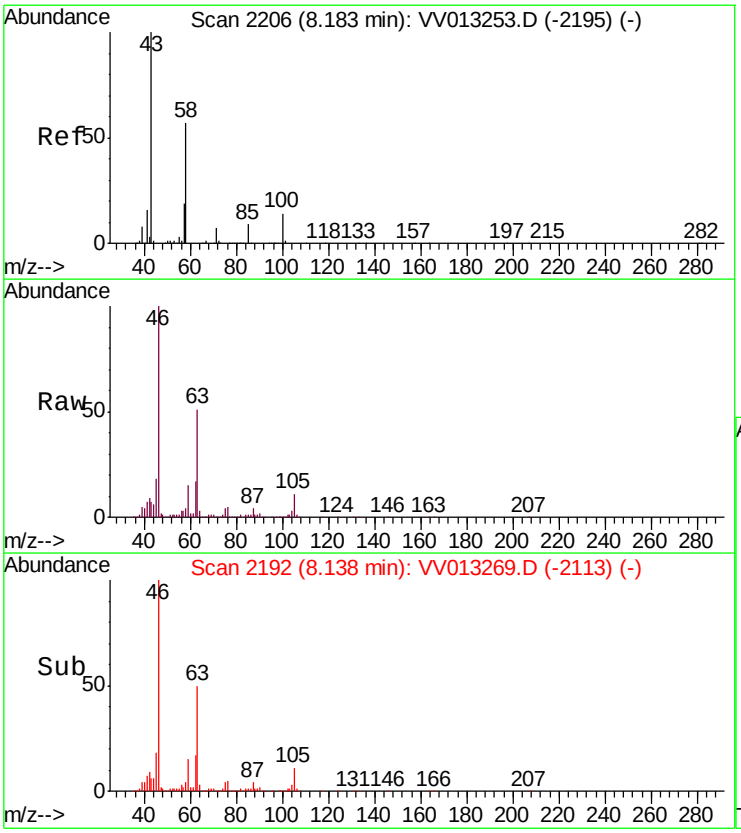
#47
Tetrachloroethene
Concen: 3.058 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Instrument : MSVOA_V
ClientSampleId : C0K16

Tgt Ion:164 Resp: 140841

Ion	Ratio	Lower	Upper
164	100		
129	91.3	61.0	113.2
131	89.0	57.5	106.9
166	134.2	87.8	163.0

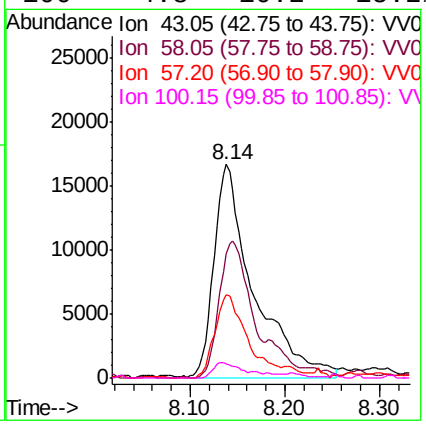


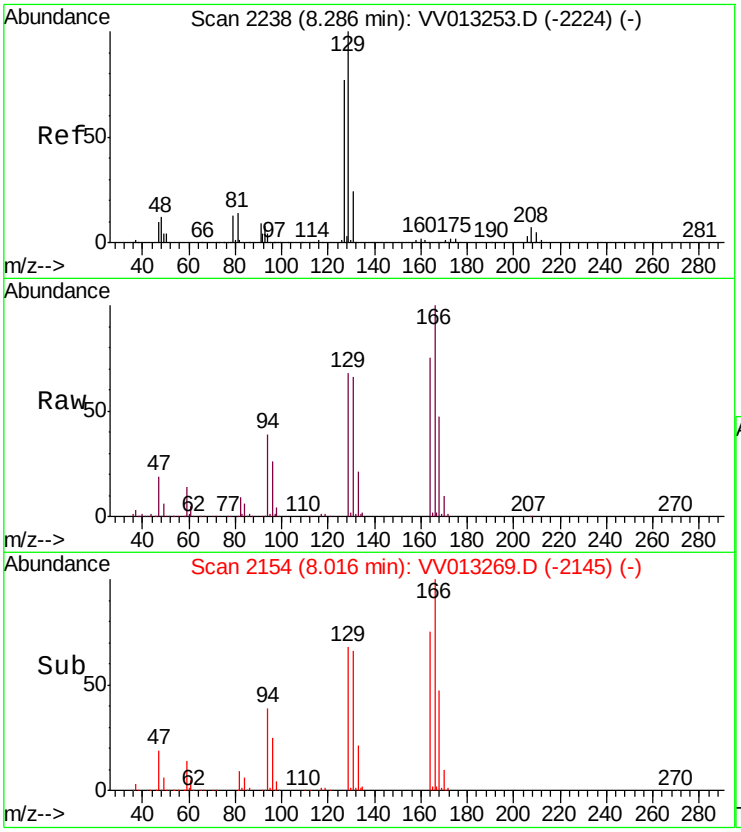


#48
2-Hexanone
Concen: 2.898 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Tgt Ion: 43 Resp: 48563

Ion	Ratio	Lower	Upper
43	100		
58	49.6	45.1	67.7
57	31.9	15.5	23.3#
100	4.8	10.2	15.2#





#49
Dibromochloromethane
Concen: 2.956 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013269.D
Acq: 22 Oct 2019 02:10

Instrument :
MSVOA_V
ClientSampleId :
C0K16

Tgt Ion:129 Resp: 119354

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#