Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\

Quantitation Report (Not Reviewed)

Data File : VV013210.D
Acq On : 18 Oct 2019 18:47
Operator : SY/MD
Sample : K5321-12MSD
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AA6MSD

Quant Time: Oct 19 04:27:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 04:23:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	458294	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	485839	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	241686	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	221775	4.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.20%			
7) Chloroethane-d5	1.58	69	177837	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.13	63	323010	4.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.60%			
20) 2-Butanone-d5	3.98	46	433430	44.99	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.98%			
24) Chloroform-d	4.40	84	428051	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.08	65	209460	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.09	84	876608	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.11	67	272950	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.36	98	737056	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	7.66	79	90495	4.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.80%			
46) 2-Hexanone-d5	8.14	63	368254	46.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.92%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	184746	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	274061	5.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.00%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3047	0.079	ug/L #	22
12) 1,1-Dichloroethene	2.14	96	126942	3.449	ug/L #	83
13) Acetone	2.24	43	4910	1.113	ug/L	81
25) Chloroform	4.42	83	39830	0.431	ug/L	92
27) 1,2-Dichloroethane	5.08	62	4633	0.092	ug/L	100
33) Benzene	5.14	78	758249	3.876	ug/L	100
34) Trichloroethene	5.96	95	189654	3.737	ug/L	98
35) Methylcyclohexane	6.12	83	66986	0.860	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	28806	0.597	ug/L #	87
38) Bromodichloromethane	6.56	83	8159	0.134	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	6201	0.096	ug/L	84
42) Toluene	7.43	91	790340	3.930	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	5004	0.101	ug/L	84
47) Tetrachloroethene	8.02	164	229339	5.169	ug/L	98
48) 2-Hexanone	8.14	43	53561	2.841	ug/L #	85
49) Dibromochloromethane	8.02	129	193409	4.880	ug/L #	12
51) Chlorobenzene	8.92	112	550582	4.258	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\

Quantitation Report (Not Reviewed)

Data File : VV013210.D
Acq On : 18 Oct 2019 18:47
Operator : SY/MD
Sample : K5321-12MSD
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AA6MSD

Quant Time: Oct 19 04:27:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 04:23:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

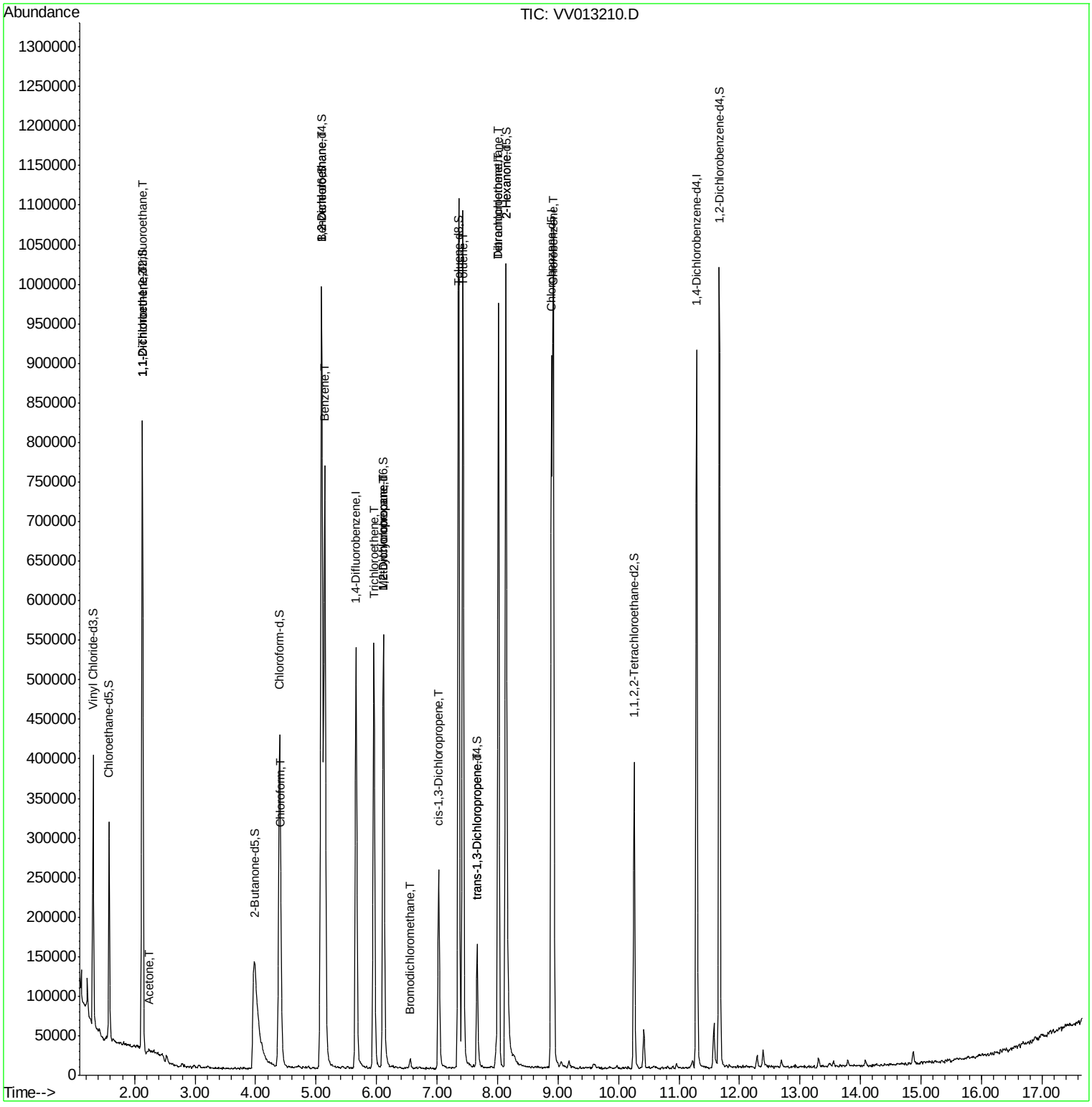
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\

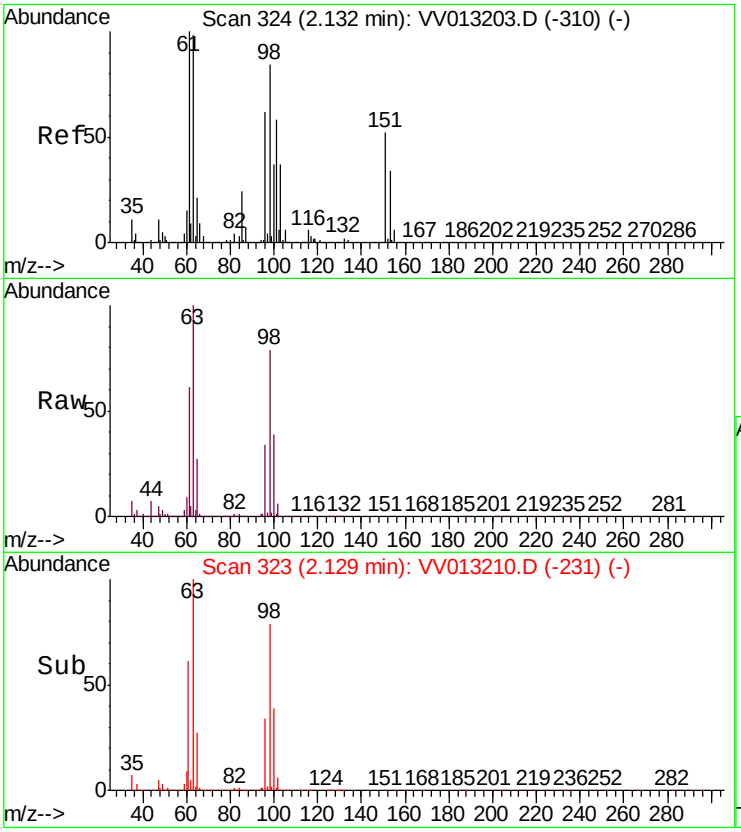
Quantitation Report (Not Reviewed)

Data File : VV013210.D
Acq On : 18 Oct 2019 18:47
Operator : SY/MD
Sample : K5321-12MSD
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AA6MSD

Quant Time: Oct 19 04:27:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 04:23:16 2019
Response via : Initial Calibration



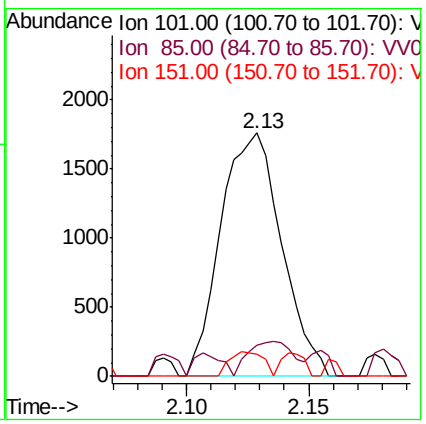


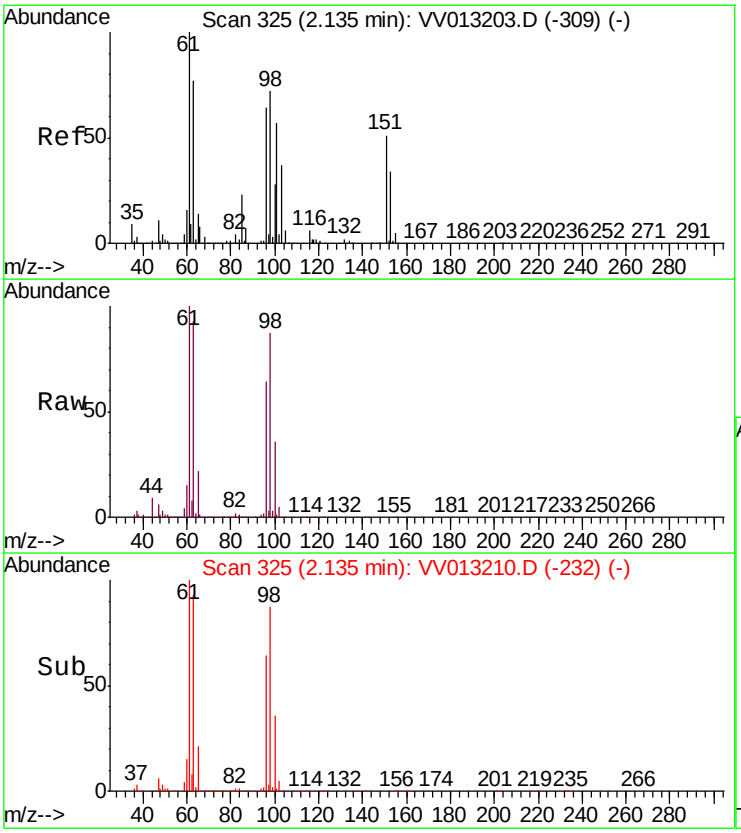
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.079 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
E0AA6MSD

Tgt Ion:101 Resp: 3047

Ion	Ratio	Lower	Upper
101	100		
85	10.7	32.4	48.6#
151	3.7	71.9	107.9#

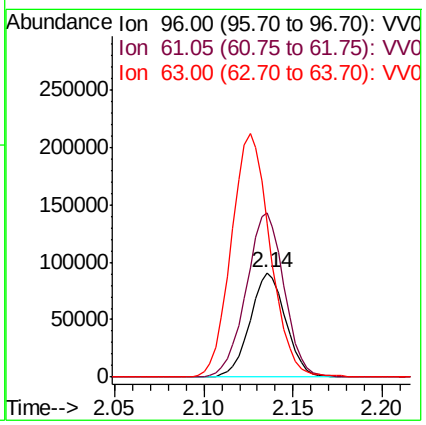


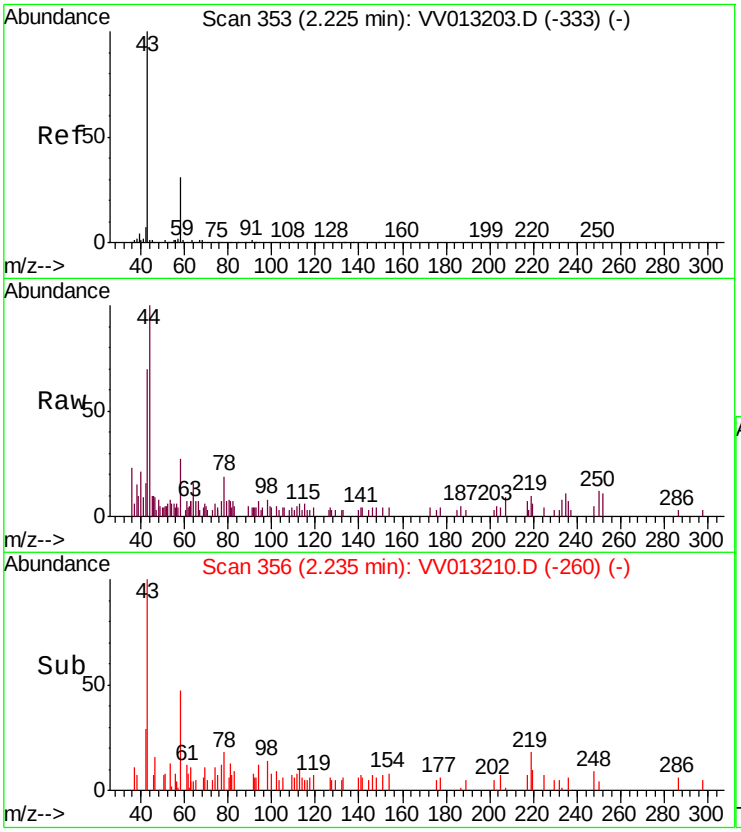


#12
1,1-Dichloroethene
Concen: 3.449 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Tgt Ion: 96 Resp: 126942

Ion	Ratio	Lower	Upper
96	100		
61	157.1	109.8	204.0
63	146.9	72.6	134.8#



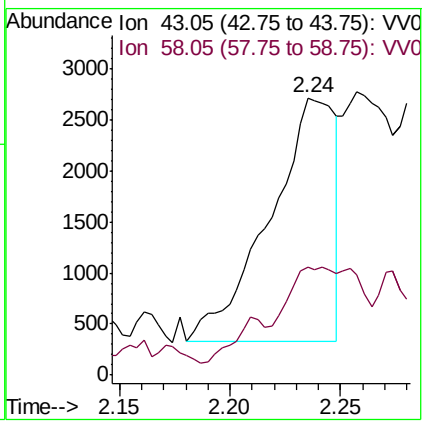


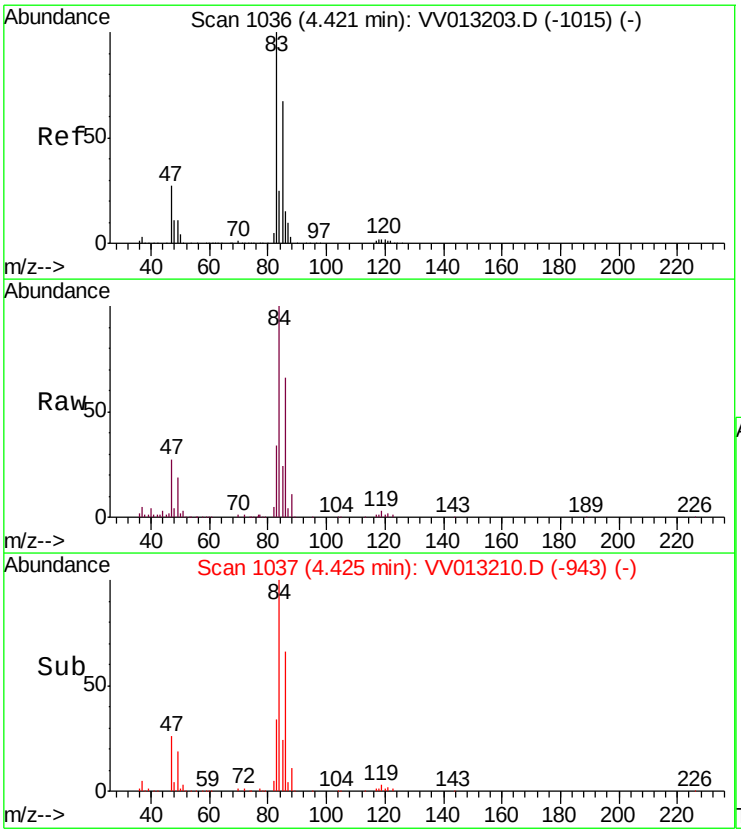
#13
Acetone
Concen: 1.113 ug/L
RT: 2.24 min Scan# 356
Delta R.T. 0.01 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
E0AA6MSD

Tgt Ion: 43 Resp: 4910

Ion	Ratio	Lower	Upper
43	100		
58	16.4	0.0	52.4

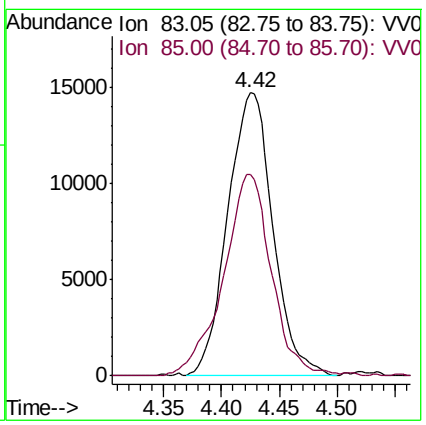


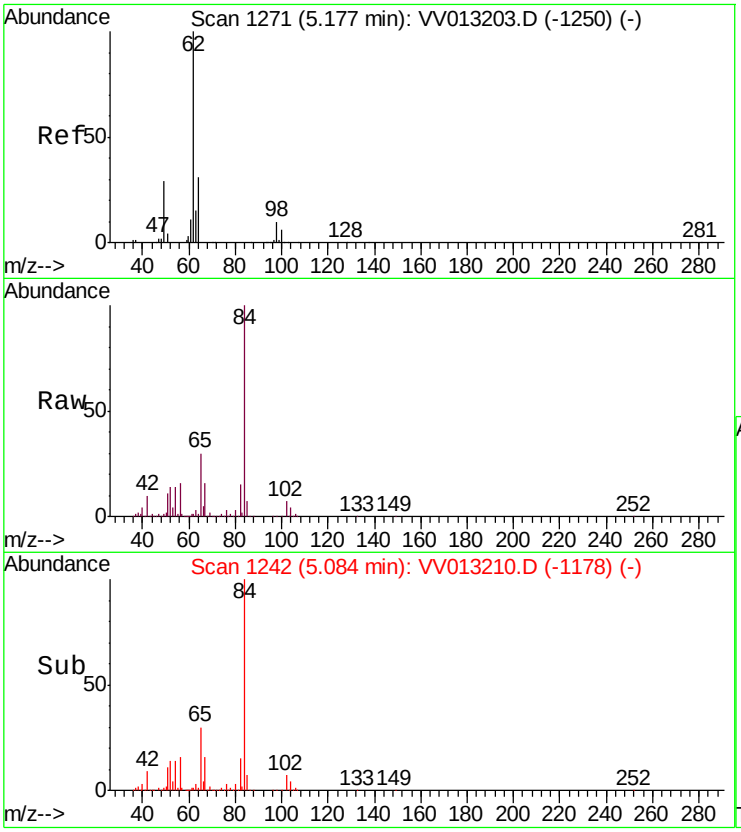


#25
Chloroform
Concen: 0.431 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Tgt Ion: 83 Resp: 39830

Ion	Ratio	Lower	Upper
83	100		
85	71.4	45.5	84.5



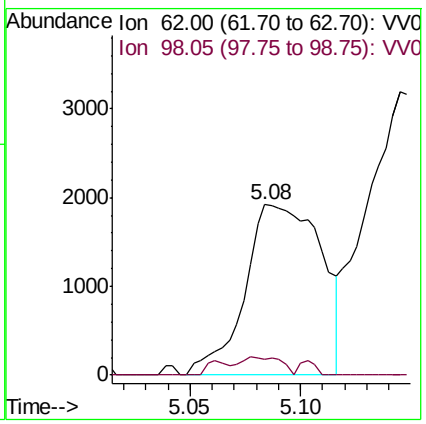


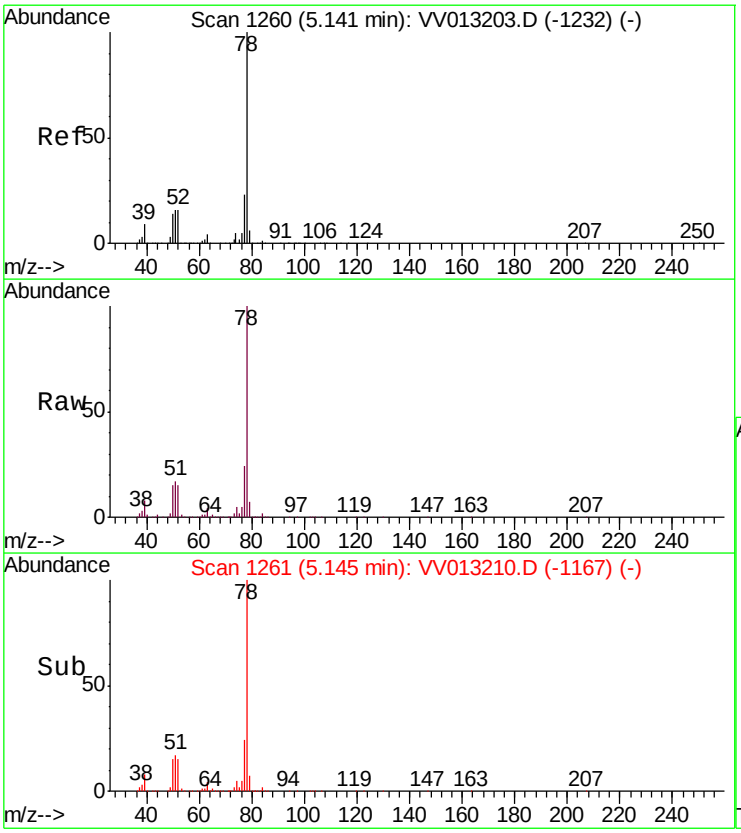
#27
1,2-Dichloroethane
Concen: 0.092 ug/L
RT: 5.08 min Scan# 1242
Delta R.T. -0.09 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
E0AA6MSD

Tgt Ion: 62 Resp: 4633

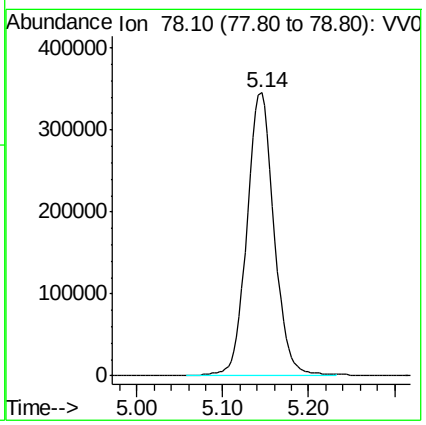
Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.4	11.2

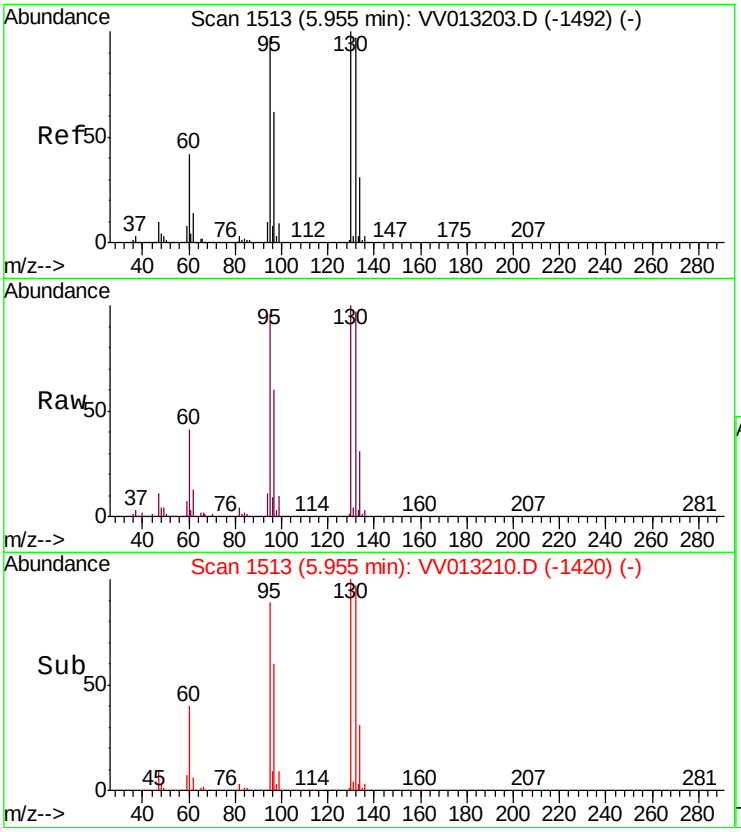




#33
Benzene
Concen: 3.876 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Tgt Ion: 78 Resp: 758249



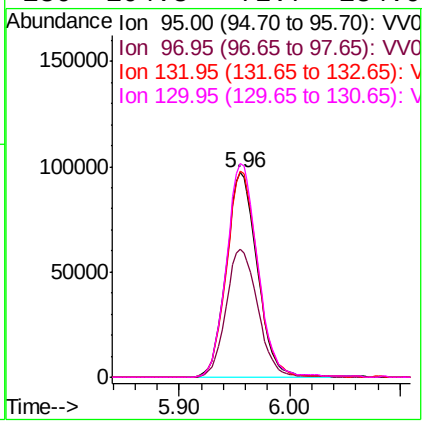


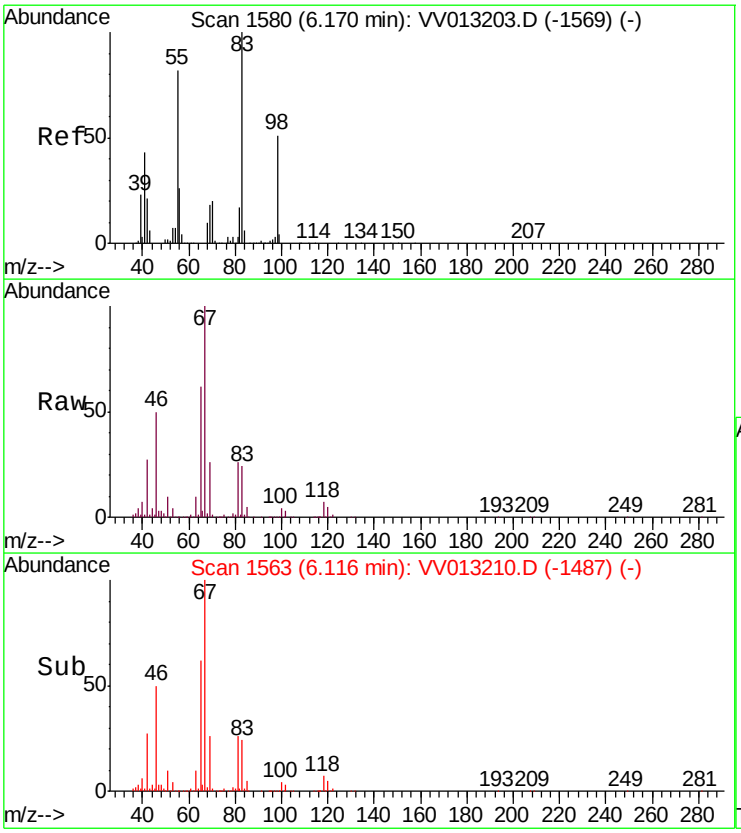
#34
Trichloroethene
Concen: 3.737 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
E0AA6MSD

Tgt Ion: 95 Resp: 189654

Ion	Ratio	Lower	Upper
95	100		
97	62.3	44.7	82.9
132	100.8	68.9	127.9
130	104.3	72.7	134.9

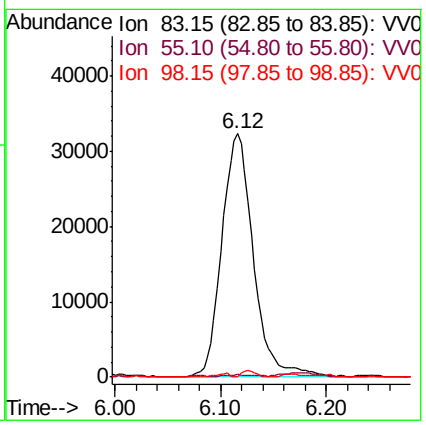


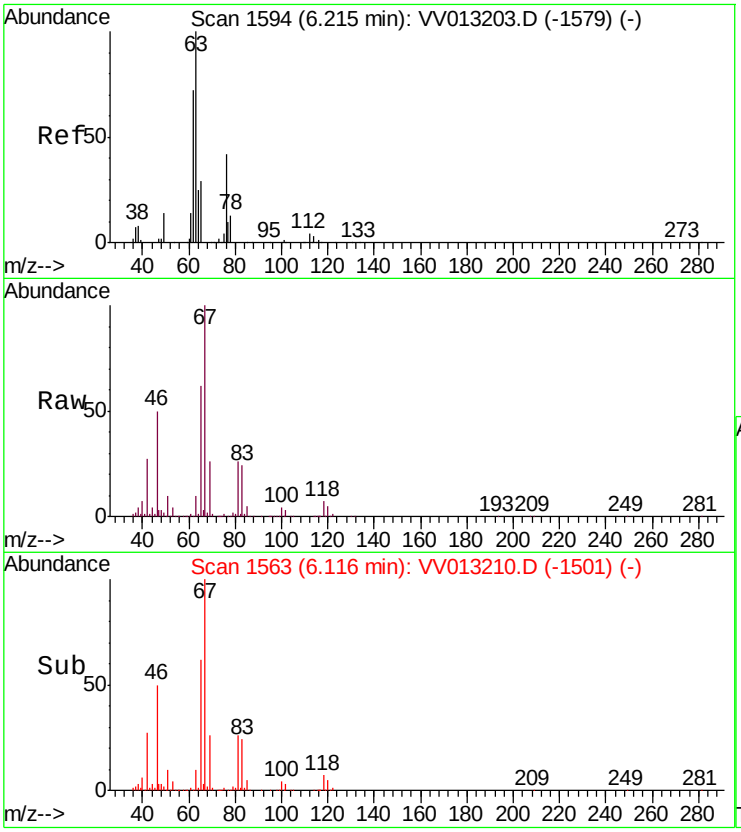


#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Tgt Ion: 83 Resp: 66986

Ion	Ratio	Lower	Upper
83	100		
55	0.8	64.0	96.0#
98	1.1	38.6	57.8#



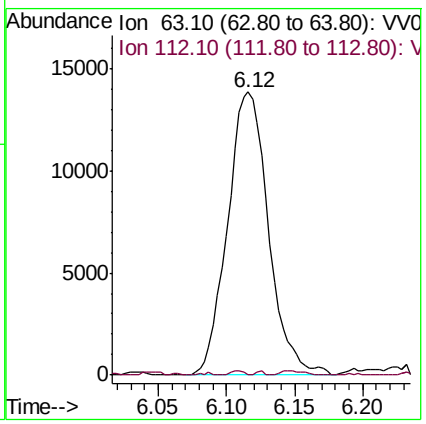


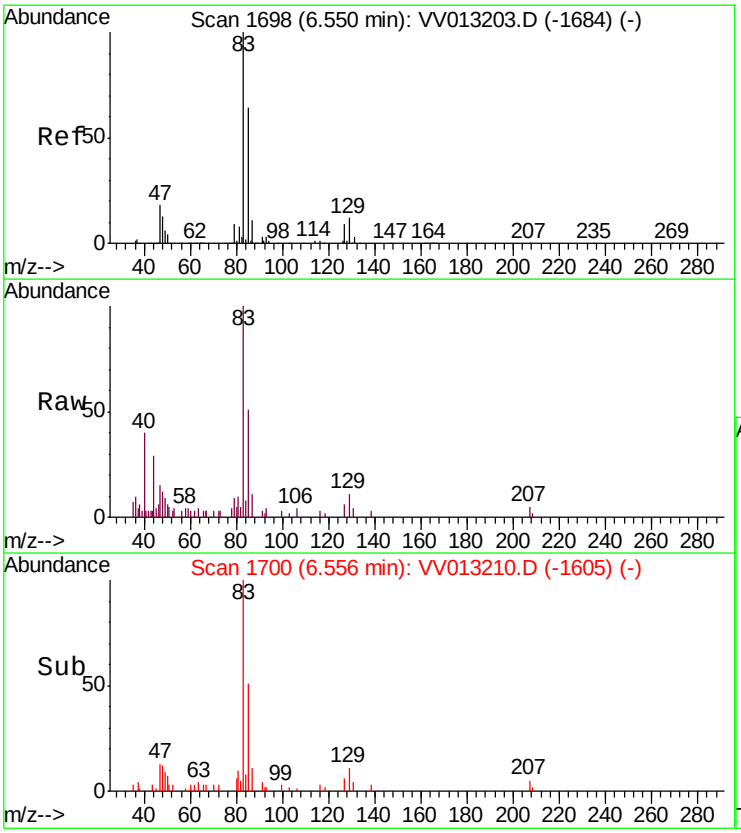
#37
1,2-Dichloropropane
Concen: 0.597 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
E0AA6MSD

Tgt Ion: 63 Resp: 28806

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.8	5.8#

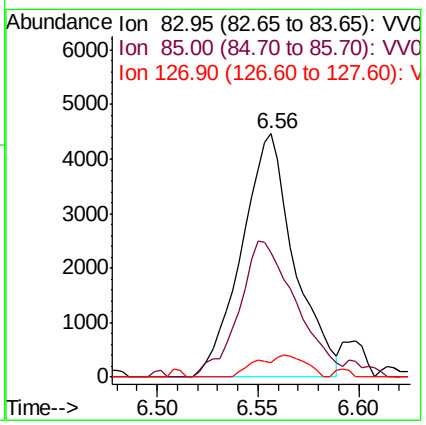


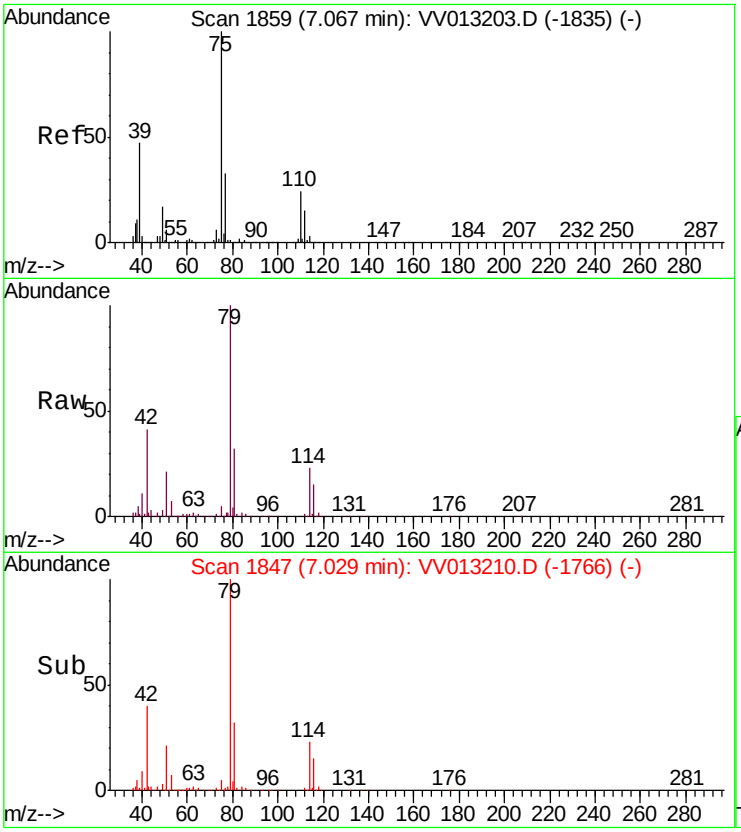


#38
Bromodichloromethane
Concen: 0.134 ug/L
RT: 6.56 min Scan# 1700
Delta R.T. 0.01 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Tgt Ion: 83 Resp: 8159

Ion	Ratio	Lower	Upper
83	100		
85	51.3	44.0	81.6
127	6.2	7.0	10.6#



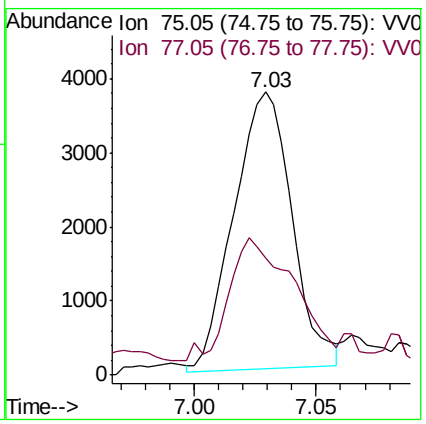


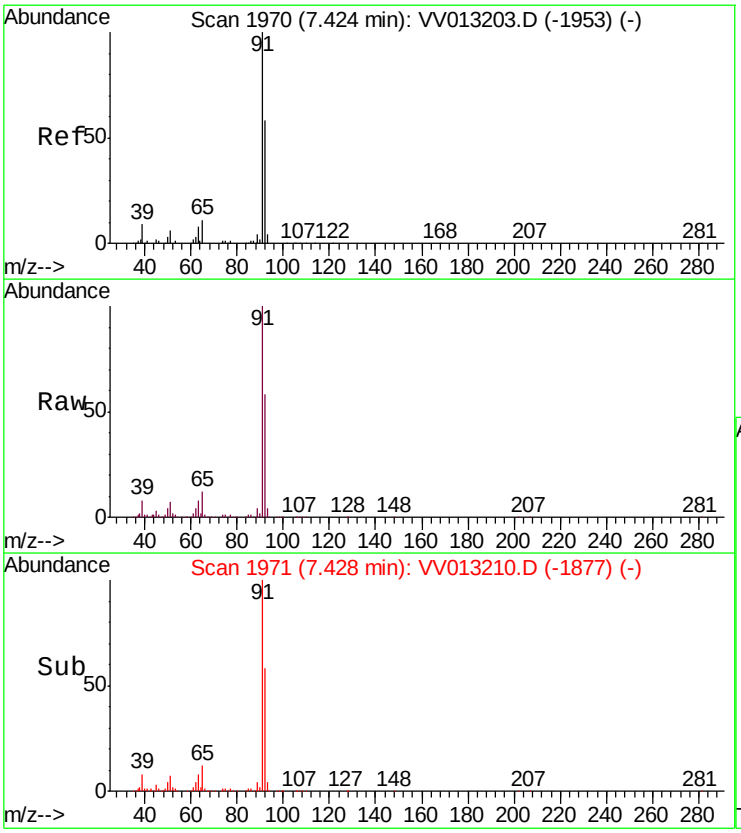
#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
E0AA6MSD

Tgt Ion: 75 Resp: 6201

Ion	Ratio	Lower	Upper
75	100		
77	41.2	22.6	42.0

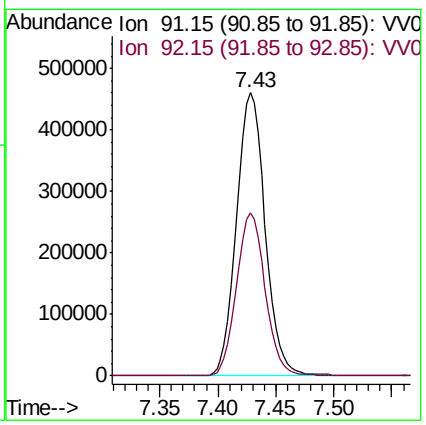


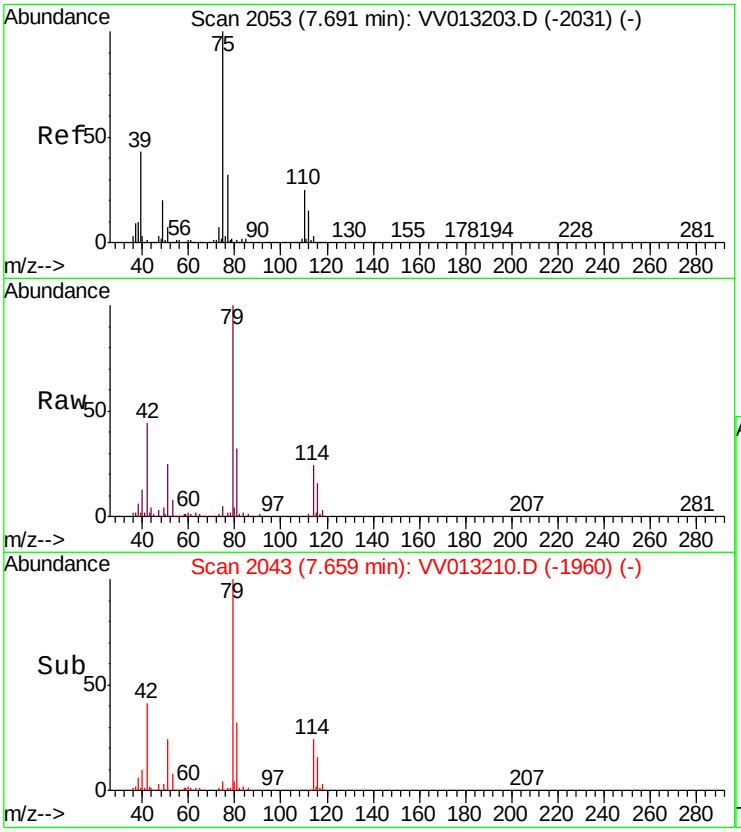


#42
Toluene
Concen: 3.930 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Tgt Ion: 91 Resp: 790340

Ion	Ratio	Lower	Upper
91	100		
92	57.7	41.2	76.4



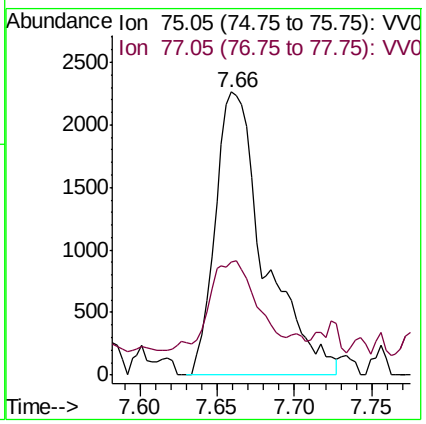


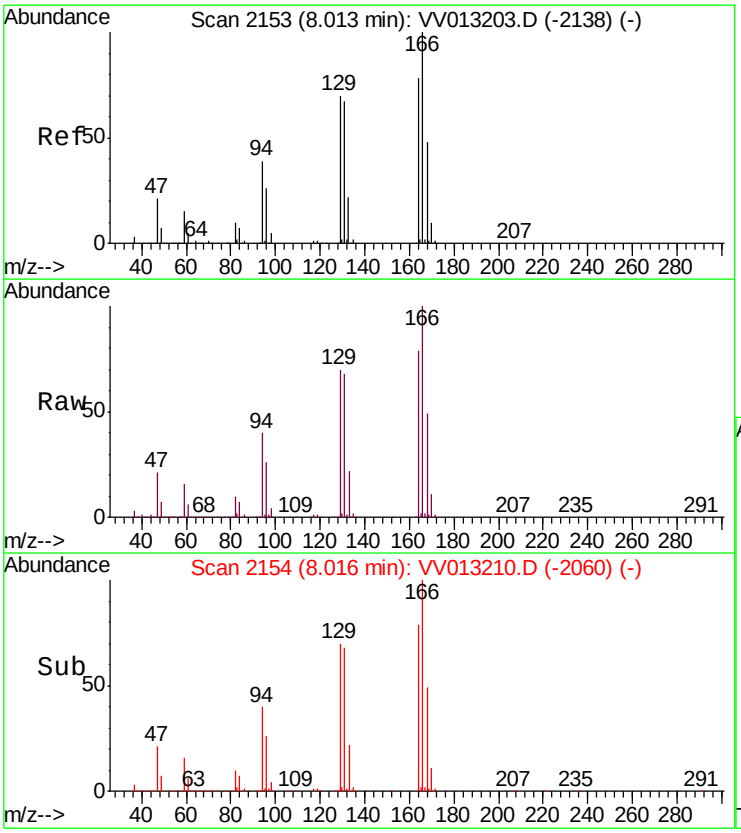
#44
trans-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
E0AA6MSD

Tgt Ion: 75 Resp: 5004

Ion	Ratio	Lower	Upper
75	100		
77	40.1	21.8	40.4

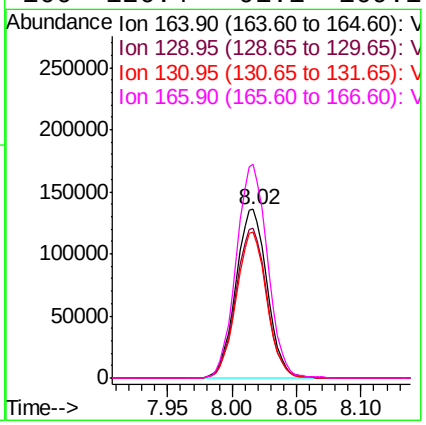


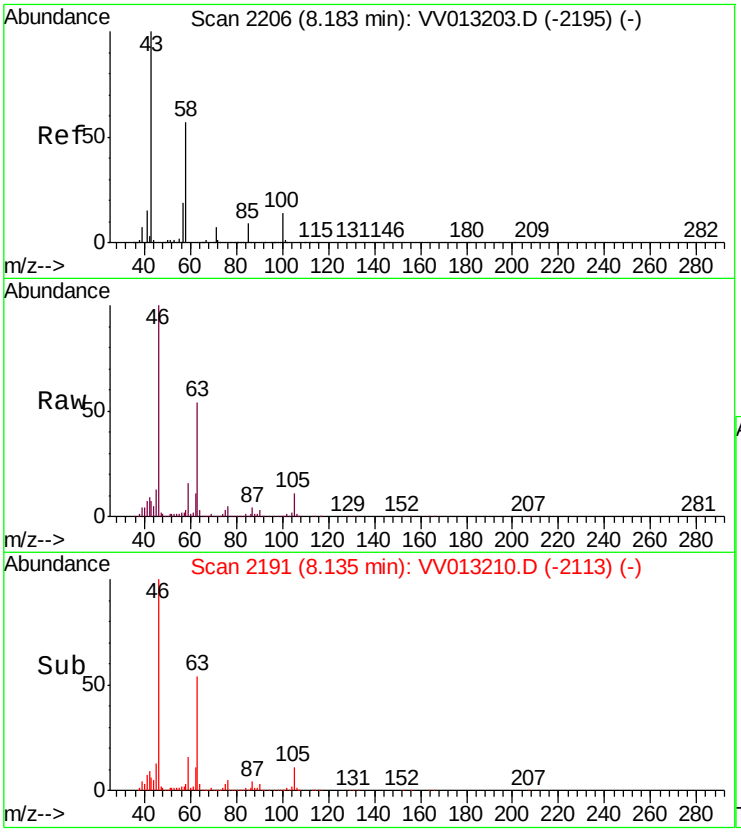


#47
Tetrachloroethene
Concen: 5.169 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Tgt Ion:164 Resp: 229339

Ion	Ratio	Lower	Upper
164	100		
129	88.6	62.2	115.4
131	86.0	59.9	111.3
166	126.4	91.1	169.1



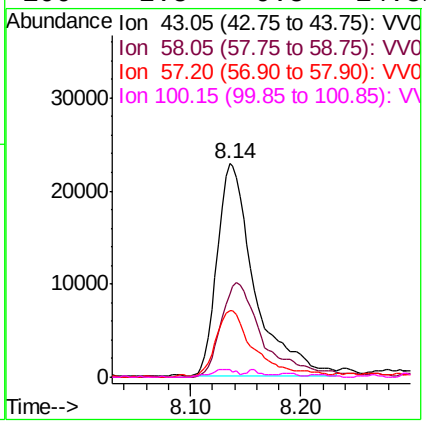


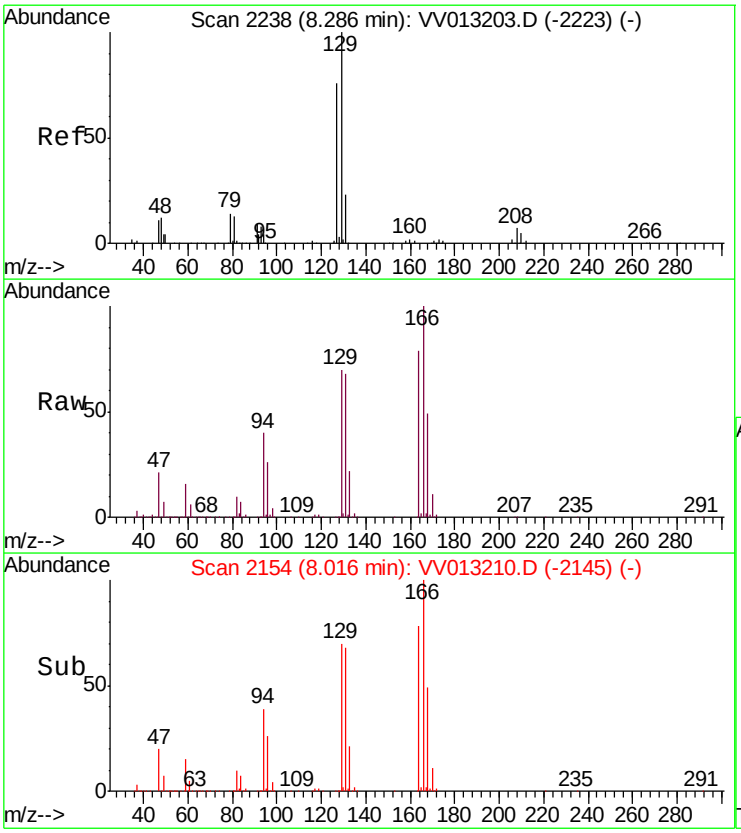
#48
2-Hexanone
Concen: 2.841 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
E0AA6MSD

Tgt Ion: 43 Resp: 53561

Ion	Ratio	Lower	Upper
43	100		
58	48.7	44.2	66.2
57	30.0	14.5	21.7#
100	2.5	9.5	14.3#

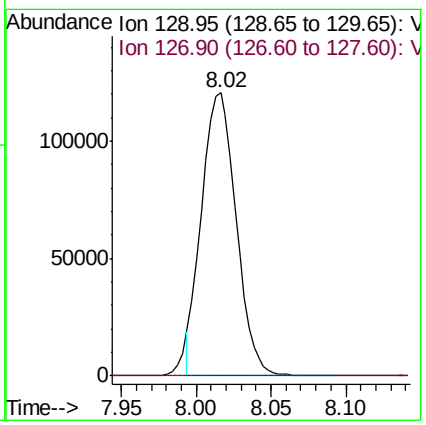


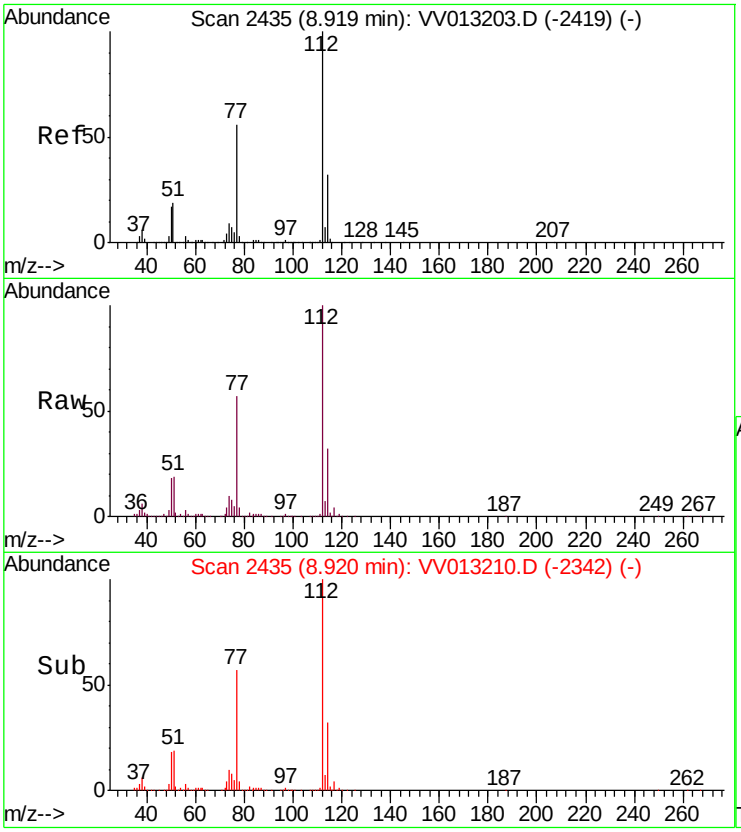


#49
Dibromochloromethane
Concen: 4.880 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Tgt Ion:129 Resp: 193409

Ion	Ratio	Lower	Upper
129	100		
127	0.2	53.2	98.8#





#51
Chlorobenzene
Concen: 4.258 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
E0AA6MSD

Tgt Ion:112 Resp: 550582

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.6	42.0
77	57.4	47.5	71.3