Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120419\

Quantitation Report (Not Reviewed)

Data File : VV013903.D
Acq On : 04 Dec 2019 14:57
Operator : SY/MD
Sample : K4649-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 05 01:31:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 05 01:28:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	272443	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	293056	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	107531	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	67307	45.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.38%			
7) Chloroethane-d5	1.57	69	71049	67.21	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 134.42%#			
11) 1,1-Dichloroethene-d2	2.13	63	110118	42.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.30%			
21) 2-Butanone-d5	3.92	46	95189	87.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.72%			
24) Chloroform-d	4.39	84	142699	38.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.38%			
26) 1,2-Dichloroethane-d4	5.07	65	93229	38.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.68%			
32) Benzene-d6	5.09	84	292651	34.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 69.40%#			
36) 1,2-Dichloropropane-d6	6.11	67	92198	37.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 75.48%			
41) Toluene-d8	7.35	98	253666	31.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 62.40%#			
43) trans-1,3-Dichloropropene-	7.66	79	41030	29.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.08%#			
47) 2-Hexanone-d5	8.13	63	57687	56.86	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 56.86%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	118412	34.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 68.78%			
66) 1,2-Dichlorobenzene-d4	11.67	152	105353	41.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.32%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1089	0.797	ug/L	92
9) Trichlorofluoromethane	2.13	101	1193	0.556	ug/L #	22
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1254	1.193	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1656	1.673	ug/L #	1
13) Acetone	2.18	43	3114	4.209	ug/L	96
34) Trichloroethene	5.95	95	495076	264.037	ug/L	98
35) Methylcyclohexane	6.11	83	22897	8.204	ug/L #	22
37) 1,2-Dichloropropane	6.11	63	10034	6.098	ug/L #	84
44) trans-1,3-Dichloropropene	7.66	75	1831	0.669	ug/L #	78
46) Tetrachloroethene	8.02	164	2286	1.309	ug/L	90
48) 2-Hexanone	8.18	43	3054	1.913	ug/L #	87
49) Dibromochloromethane	8.02	129	1777	0.772	ug/L #	11
60) Isopropylbenzene	9.97	105	333	0.057	ug/L #	54
61) 1,2,3-Trichloropropane	11.22	75	122	0.084	ug/L #	17
62) 1,3,5-Trimethylbenzene	10.58	105	429	0.084	ug/L	90
63) 1,2,4-Trimethylbenzene	10.96	105	440	0.088	ug/L	91
71) Naphthalene	13.56	128	4402	0.832	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120419\

Quantitation Report (Not Reviewed)

Data File : VV013903.D
Acq On : 04 Dec 2019 14:57
Operator : SY/MD
Sample : K4649-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 05 01:31:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 05 01:28:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	13.79	180	1268	0.604	ug/L #	93

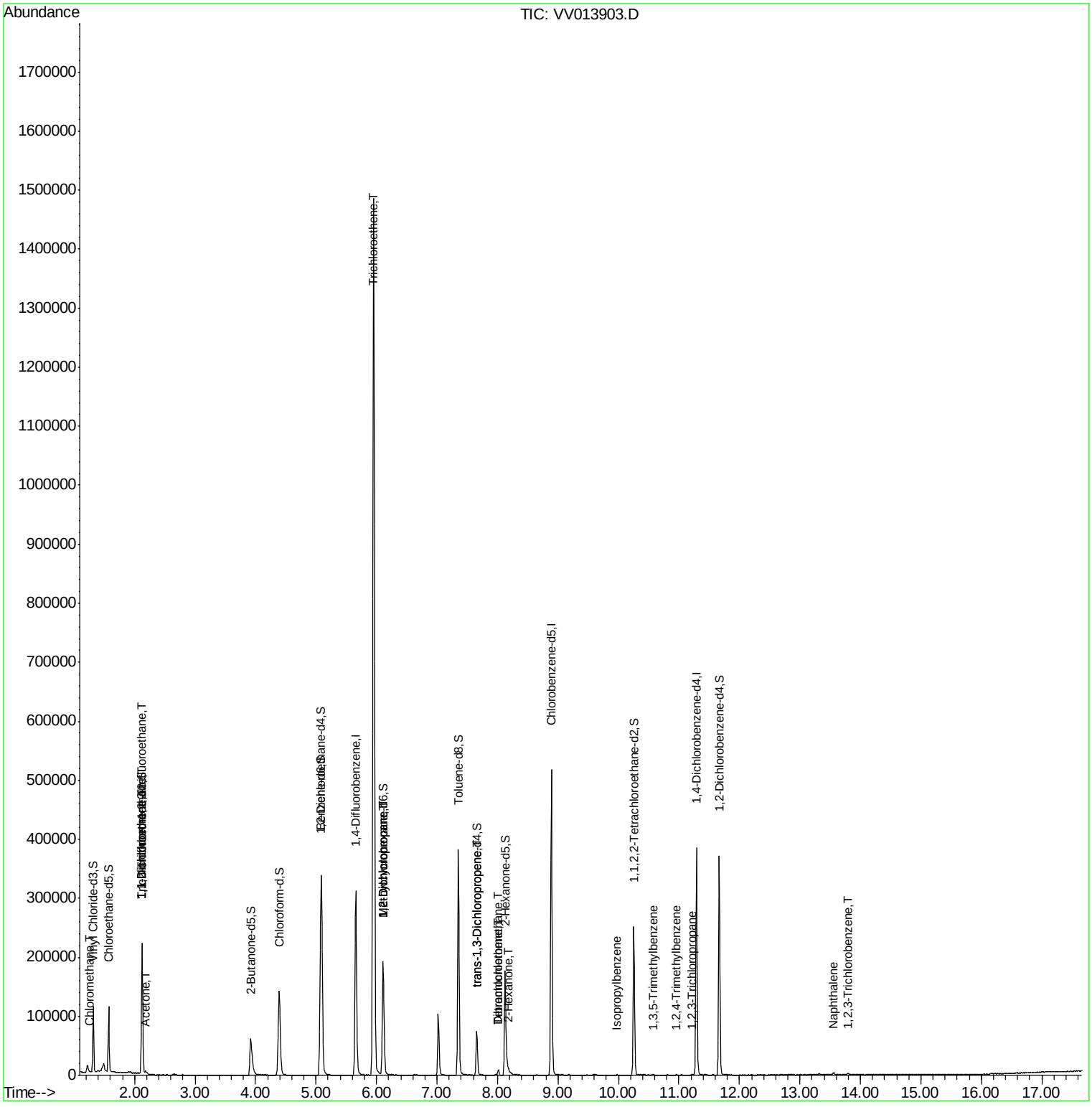
(#) = qualifier out of range (m) = manual integration (+) = signals summed

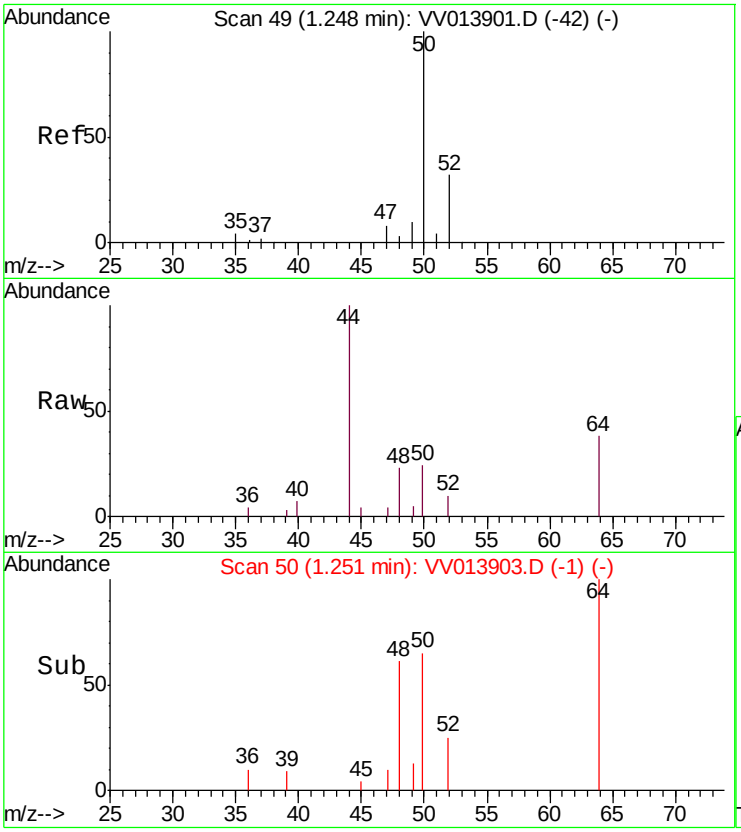
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120419\

Quantitation Report (Not Reviewed)

Data File : VV013903.D
Acq On : 04 Dec 2019 14:57
Operator : SY/MD
Sample : K4649-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 05 01:31:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 05 01:28:56 2019
Response via : Initial Calibration

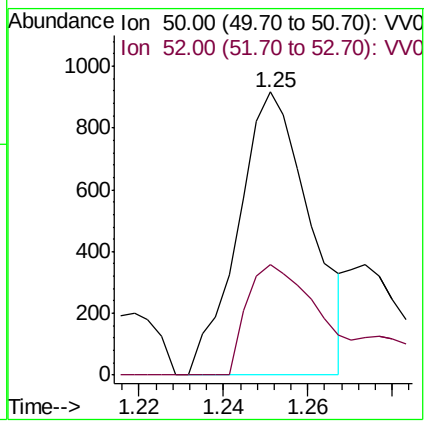


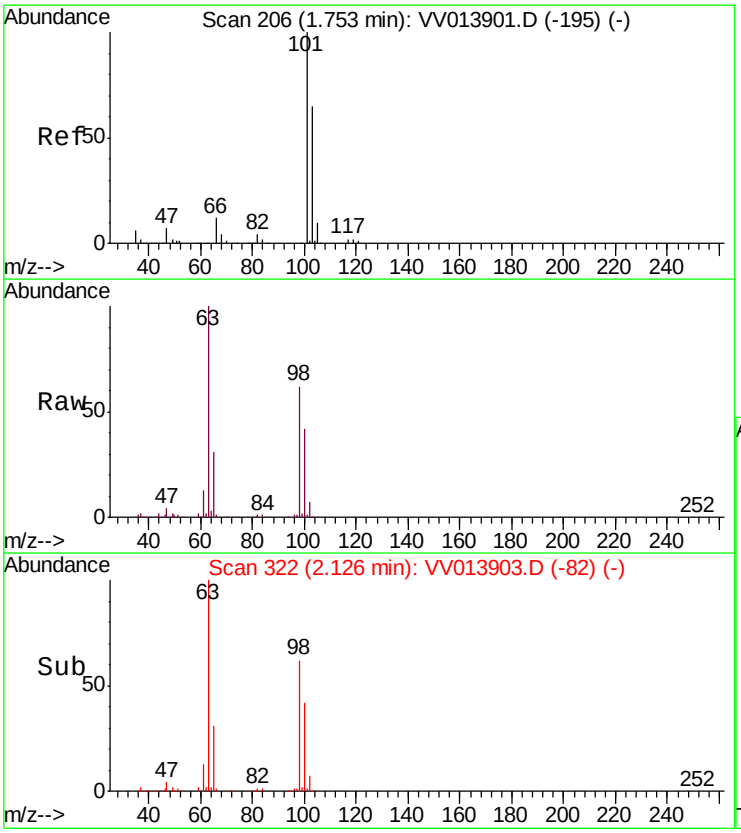


#3
Chloromethane
Concen: 0.797 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion: 50 Resp: 1089

Ion	Ratio	Lower	Upper
50	100		
52	38.9	23.9	44.3

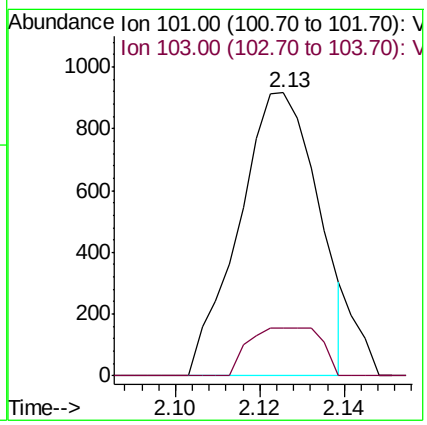


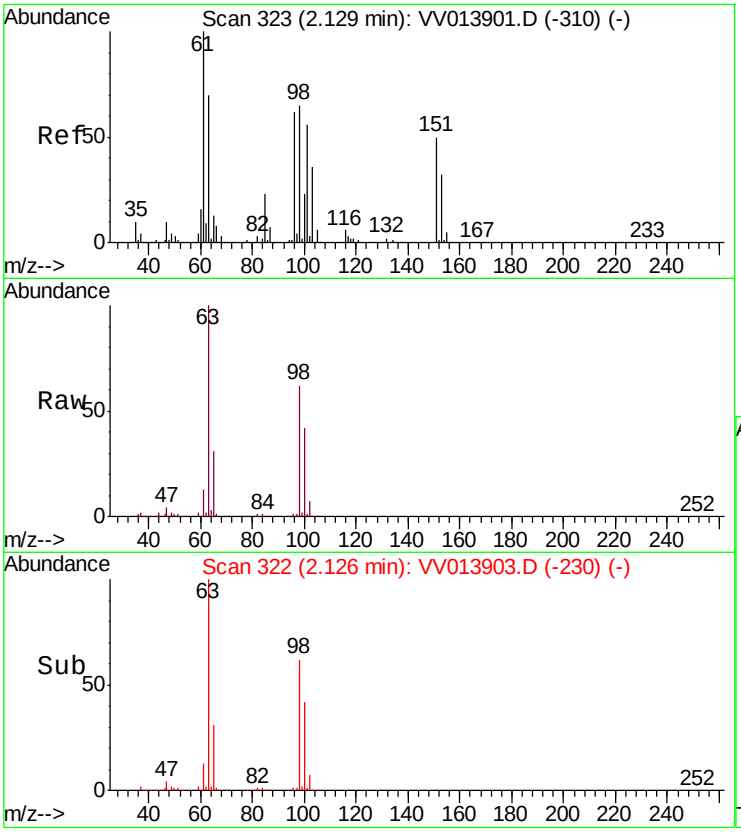


#9
Trichlorofluoromethane
Concen: 0.556 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.37 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion:101 Resp: 1193

Ion	Ratio	Lower	Upper
101	100		
103	3.7	52.5	78.7#

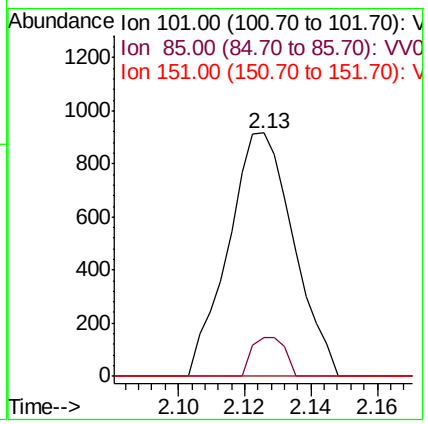


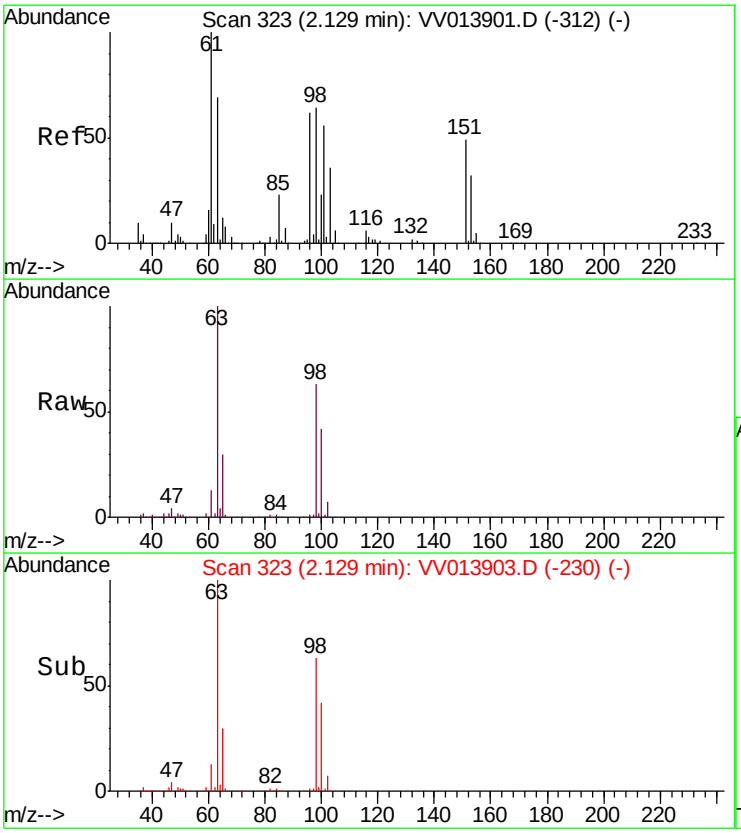


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.193 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion:101 Resp: 1254

Ion	Ratio	Lower	Upper
101	100		
85	8.1	34.4	51.6#
151	0.0	72.2	108.2#

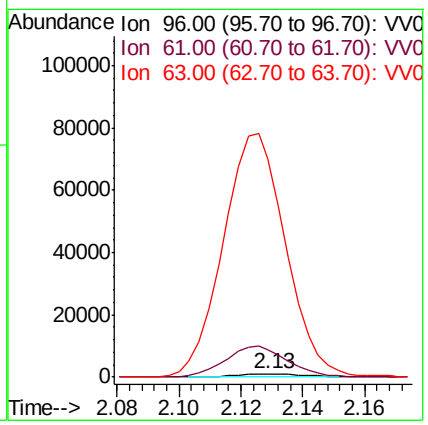


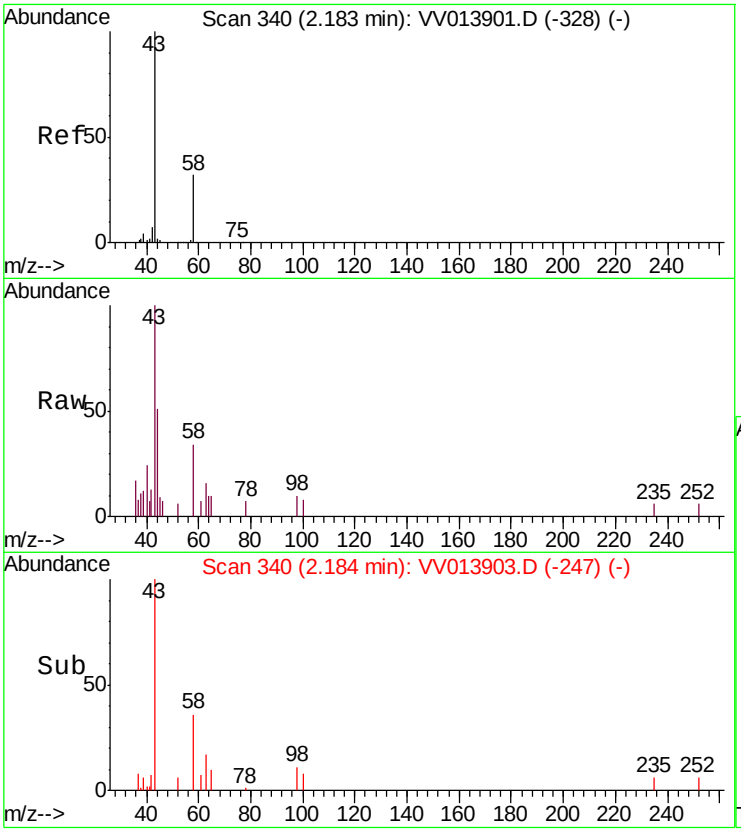


#12
1,1-Dichloroethene
Concen: 1.673 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.00 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion: 96 Resp: 1656

Ion	Ratio	Lower	Upper
96	100		
61	893.2	120.0	223.0#
63	7063.7	98.3	182.7#

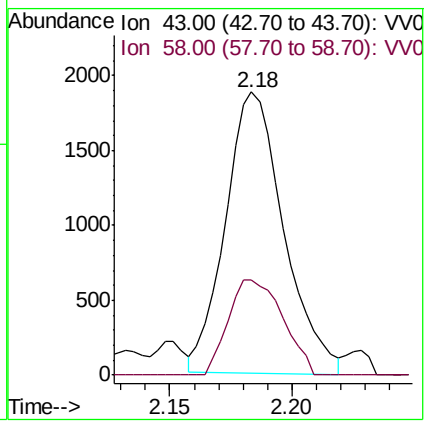


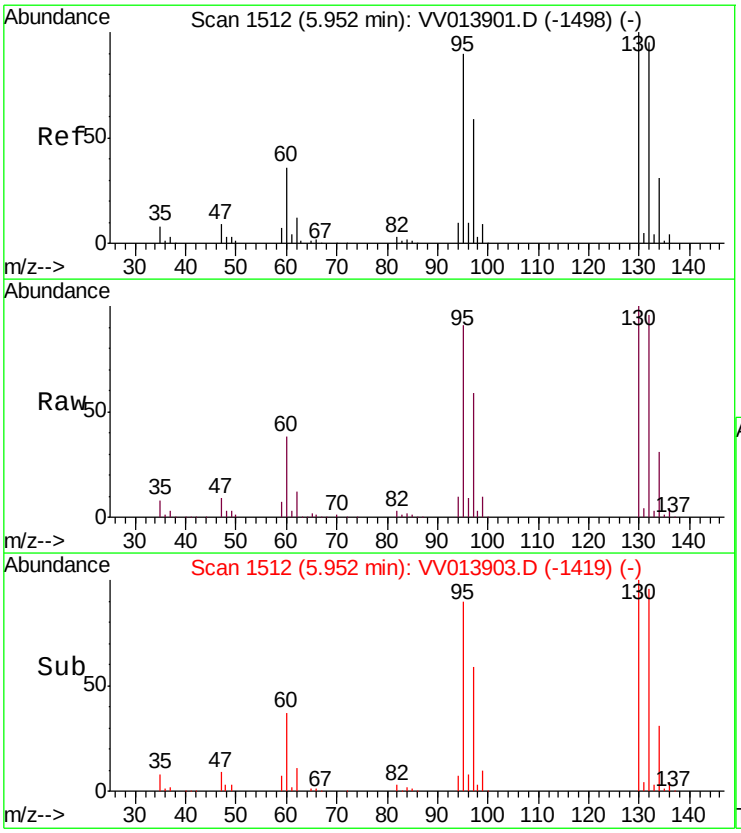


#13
Acetone
Concen: 4.209 ug/L
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion: 43 Resp: 3114

Ion	Ratio	Lower	Upper
43	100		
58	31.8	0.0	59.2

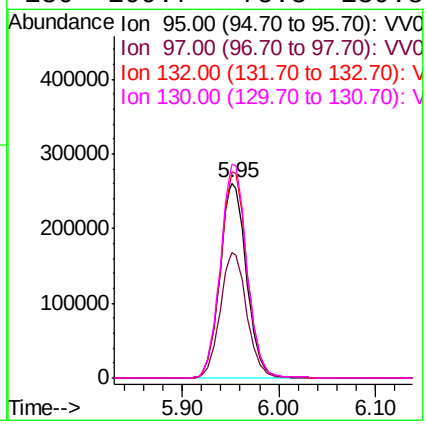


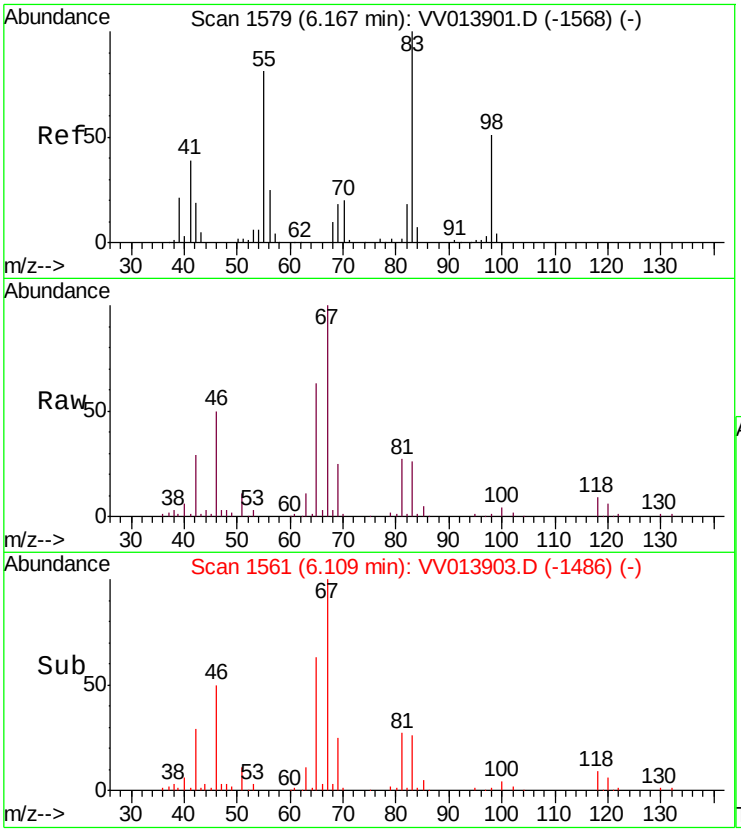


#34
Trichloroethene
Concen: 264.037 ug/L
RT: 5.95 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion: 95 Resp: 495076

Ion	Ratio	Lower	Upper
95	100		
97	64.3	43.4	80.6
132	105.7	73.1	135.8
130	109.7	75.3	139.8

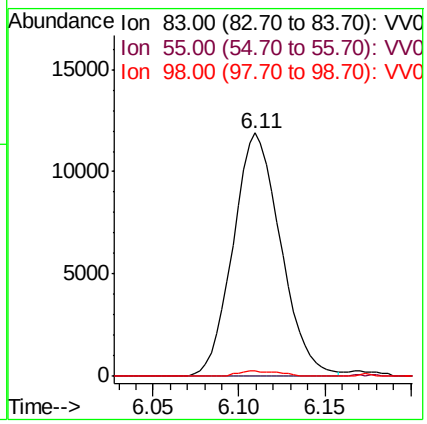


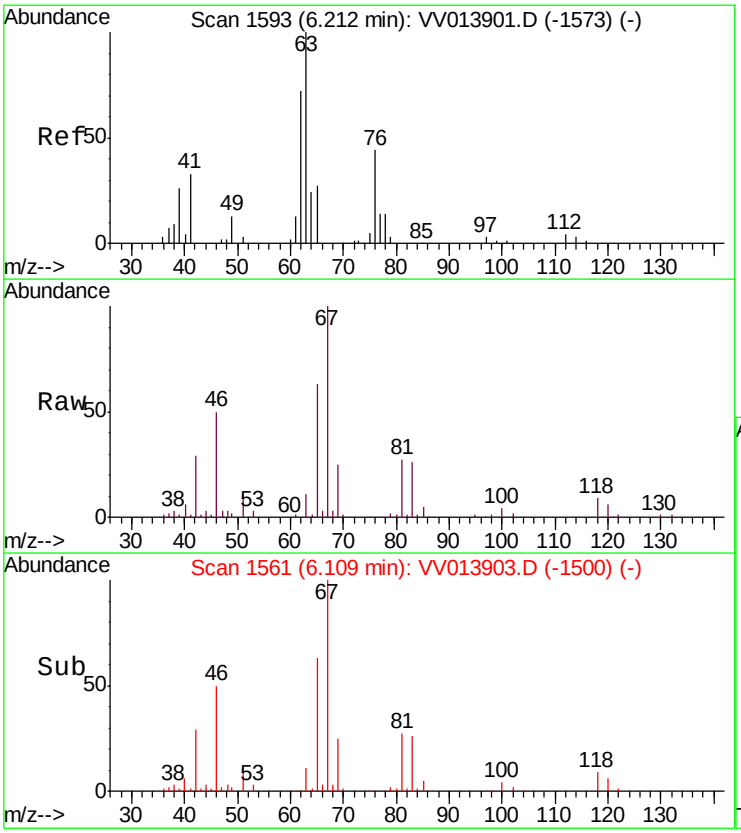


#35
Methylcyclohexane
Concen: 8.204 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.06 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion: 83 Resp: 22897

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.5	83.3#
98	1.9	38.5	57.7#

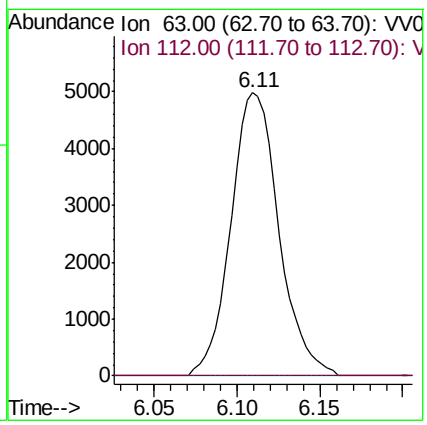


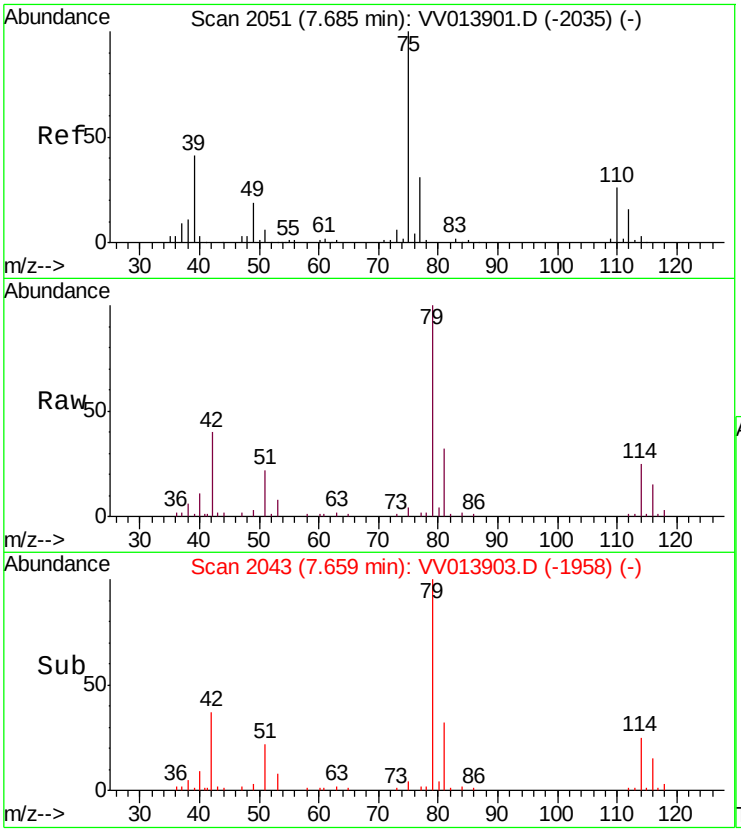


#37
1,2-Dichloropropane
Concen: 6.098 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.10 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion: 63 Resp: 10034

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.2#

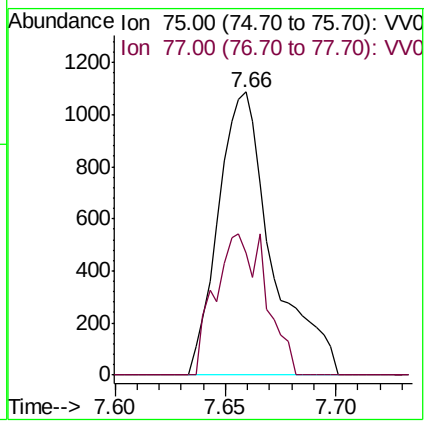


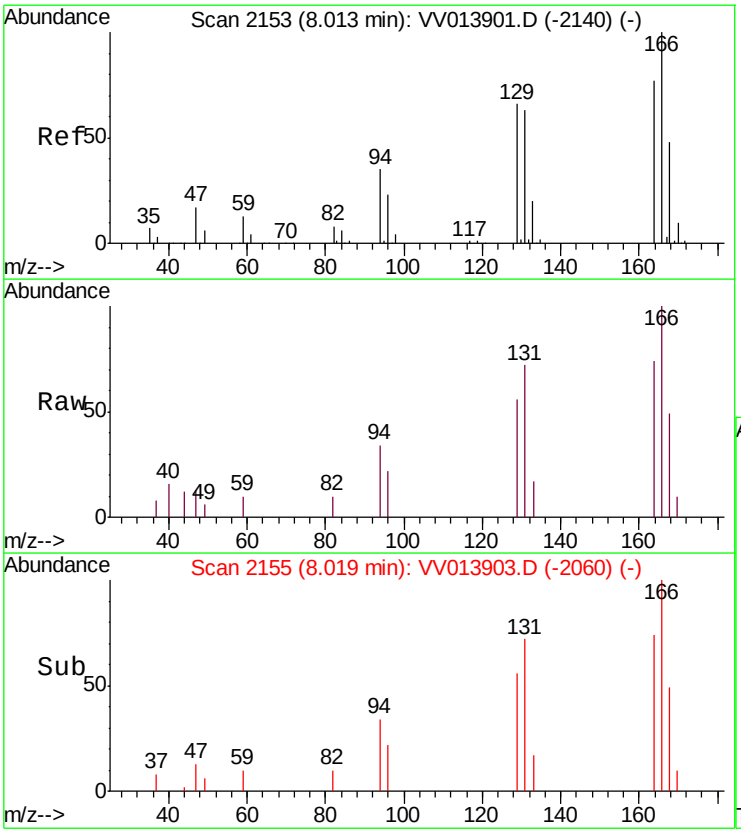


#44
trans-1,3-Dichloropropene
Concen: 0.669 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion: 75 Resp: 1831

Ion	Ratio	Lower	Upper
75	100		
77	43.2	21.8	40.4#

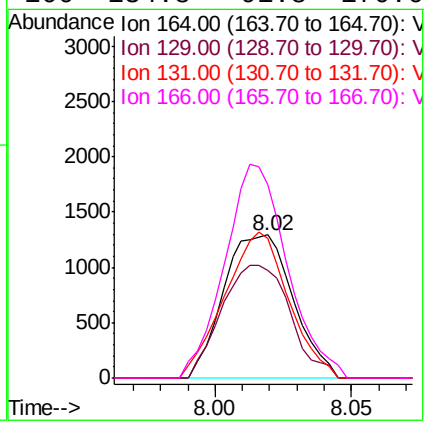


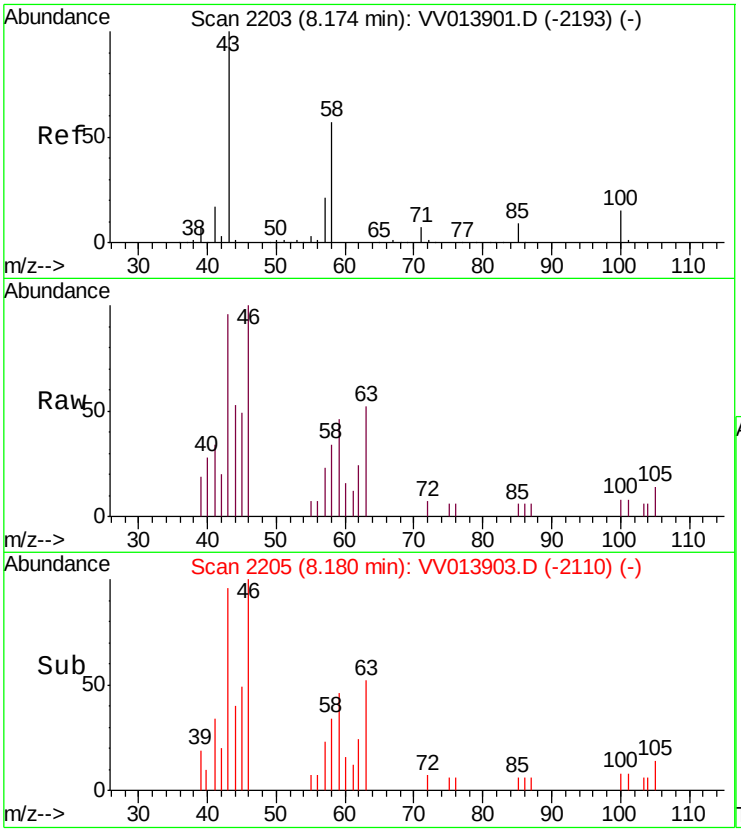


#46
Tetrachloroethene
Concen: 1.309 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.01 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion:164 Resp: 2286

Ion	Ratio	Lower	Upper
164	100		
129	75.5	64.3	119.5
131	97.4	60.1	111.7
166	134.8	91.8	170.6

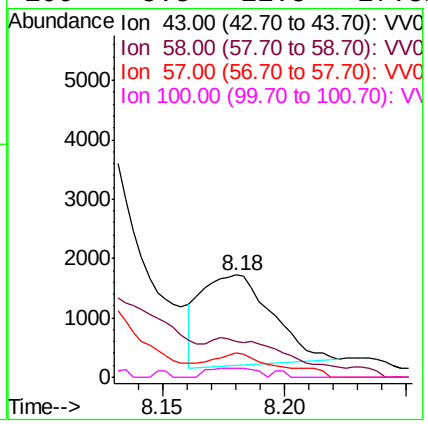


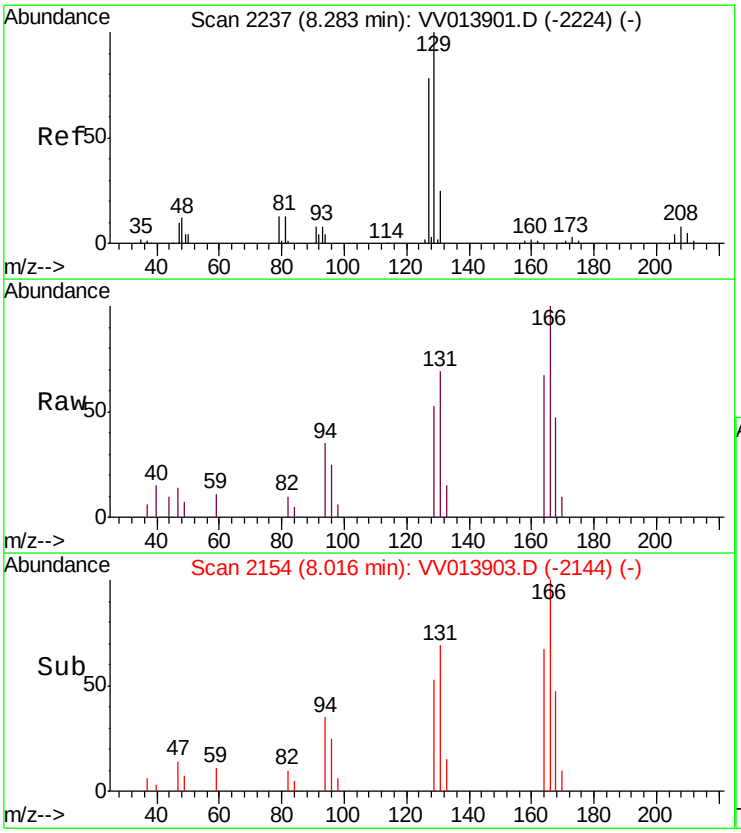


#48
2-Hexanone
Concen: 1.913 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion: 43 Resp: 3054

Ion	Ratio	Lower	Upper
43	100		
58	47.7	45.6	68.4
57	24.8	17.0	25.6
100	5.3	11.5	17.3#

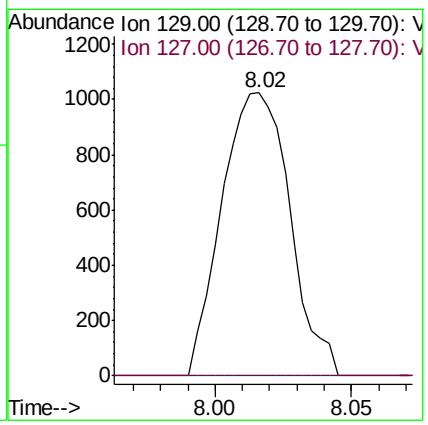


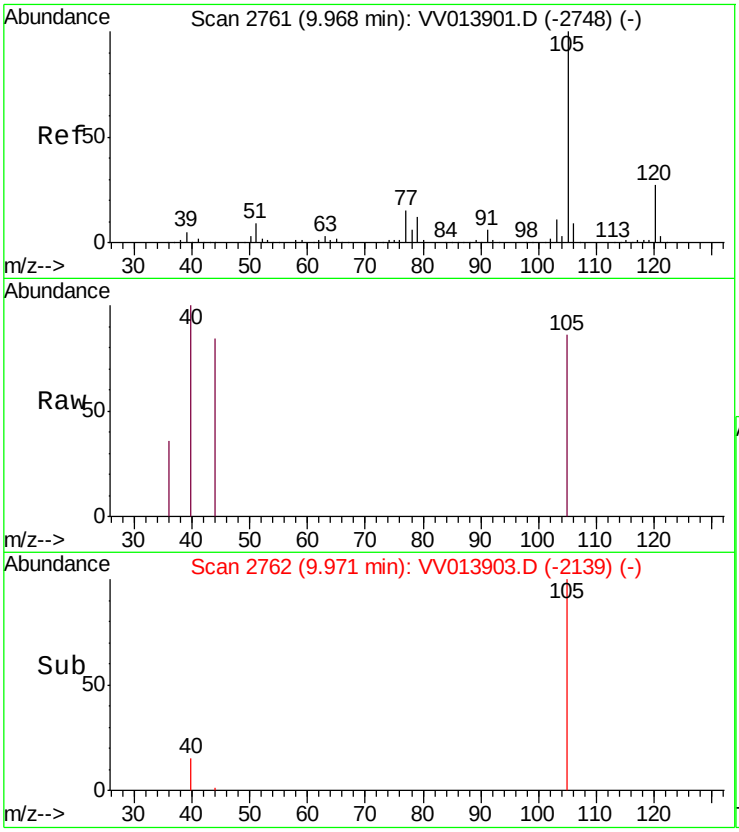


#49
Dibromochloromethane
Concen: 0.772 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion:129 Resp: 1777

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	100.0#

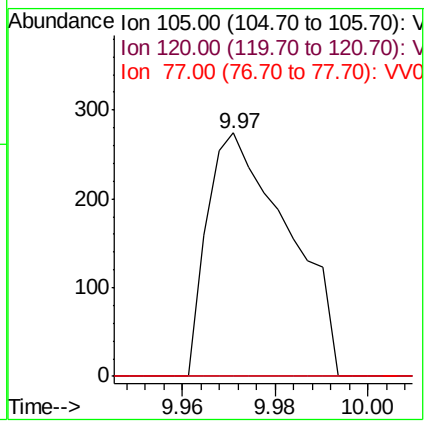


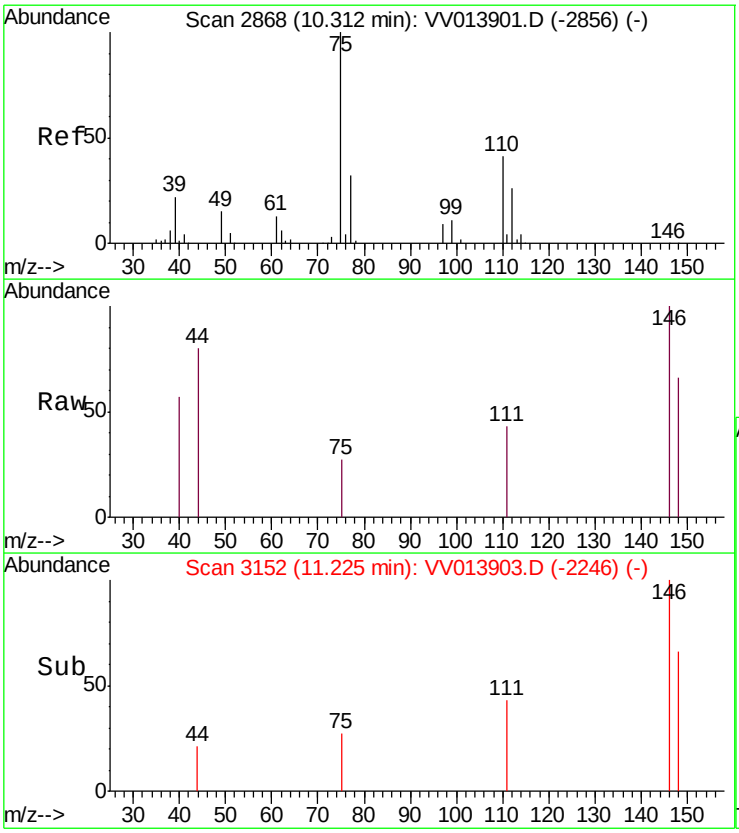


#60
Isopropylbenzene
Concen: 0.057 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion:105 Resp: 333

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.4	32.0#
77	0.0	11.6	17.4#

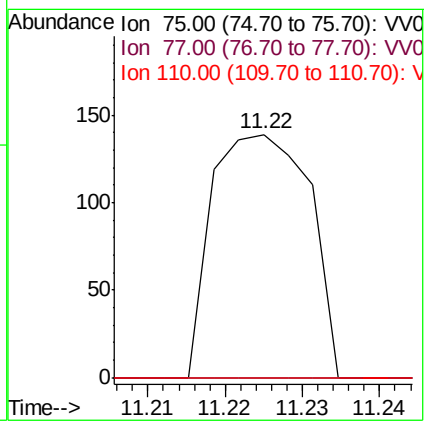


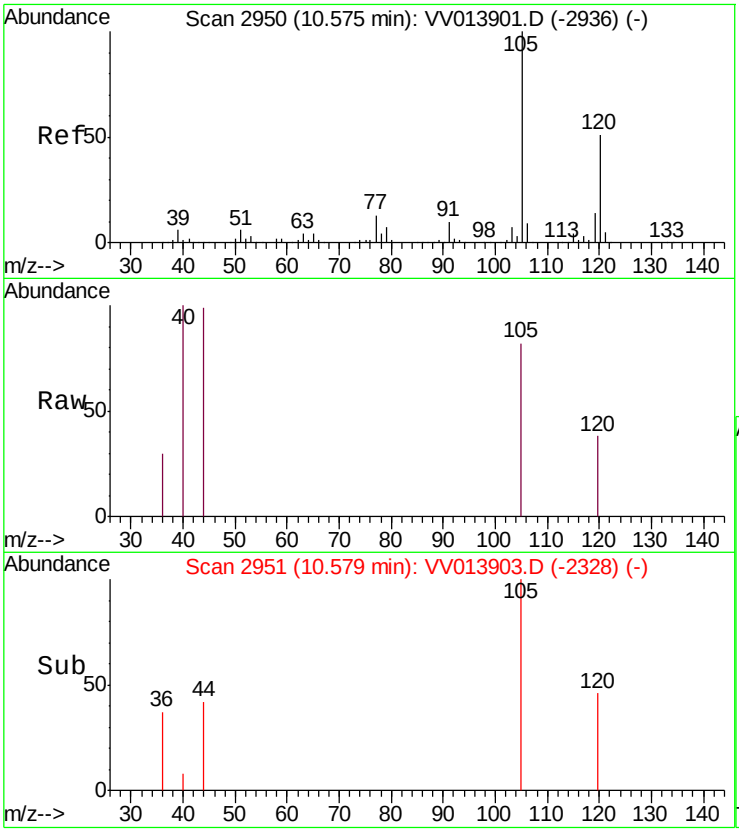


#61
1,2,3-Trichloropropane
Concen: 0.084 ug/L
RT: 11.22 min Scan# 3152
Delta R.T. 0.91 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion: 75 Resp: 122

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
110	108.2	34.2	51.4#

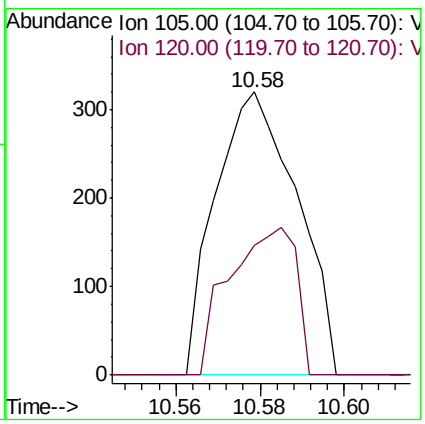


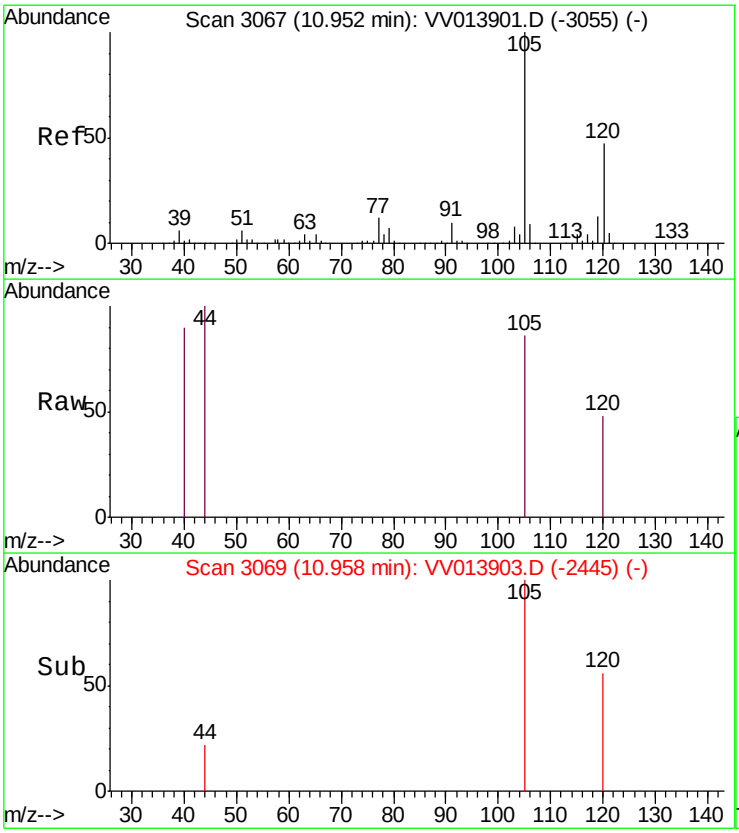


#62
1,3,5-Trimethylbenzene
Concen: 0.084 ug/L
RT: 10.58 min Scan# 2951
Delta R.T. 0.00 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion:105 Resp: 429

Ion	Ratio	Lower	Upper
105	100		
120	42.4	39.2	58.8

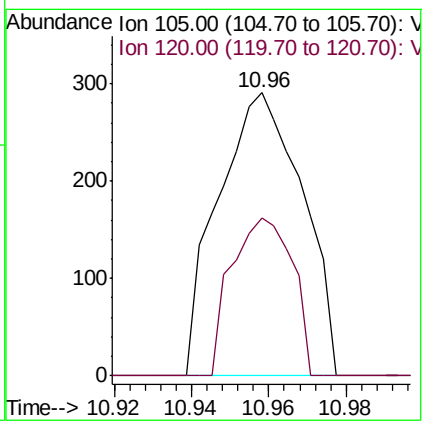


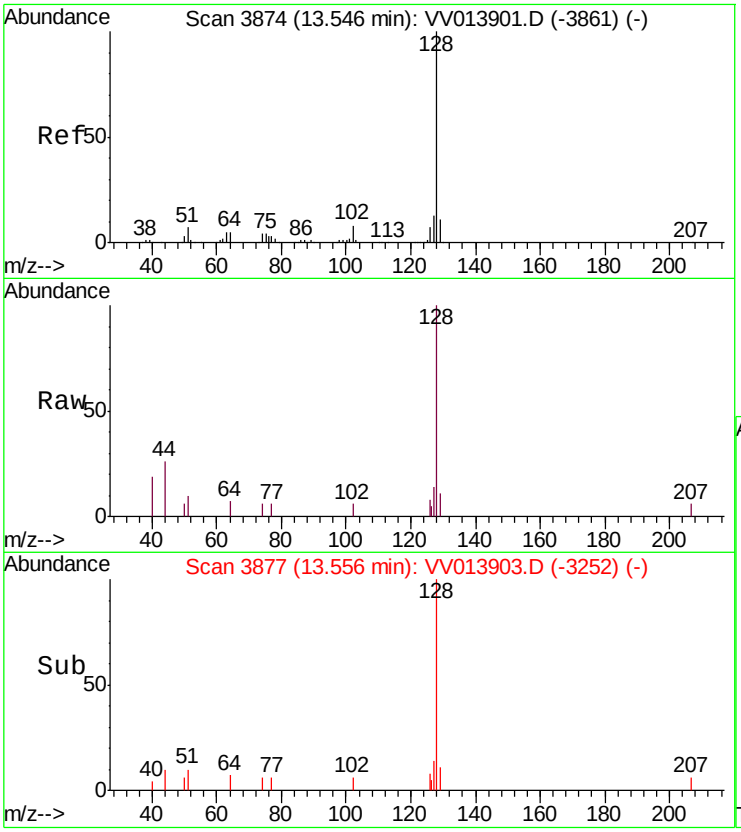


#63
1,2,4-Trimethylbenzene
Concen: 0.088 ug/L
RT: 10.96 min Scan# 3069
Delta R.T. 0.01 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion:105 Resp: 440

Ion	Ratio	Lower	Upper
105	100		
120	40.2	36.7	55.1

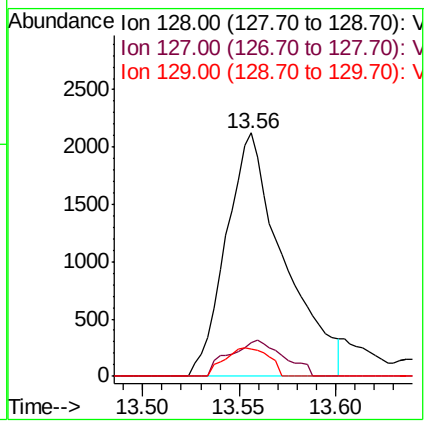


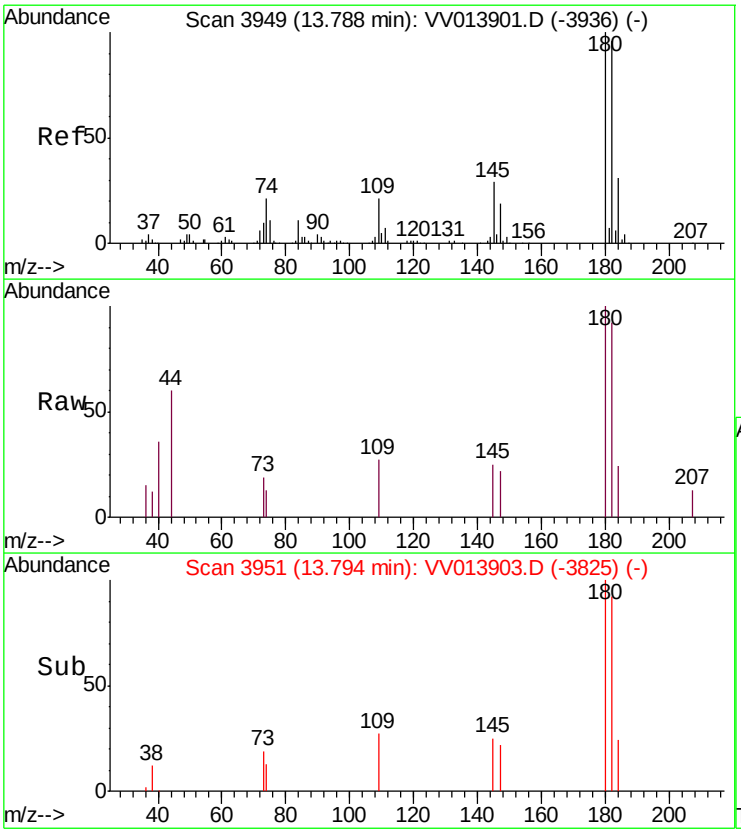


#71
Naphthalene
Concen: 0.832 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.01 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion:128 Resp: 4402

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	8.9	8.6	12.8





#72
1,2,3-Trichlorobenzene
Concen: 0.604 ug/L
RT: 13.79 min Scan# 3951
Delta R.T. 0.01 min
Lab File: VV013903.D
Acq: 04 Dec 2019 14:57

Tgt Ion:180 Resp: 1268

Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.2	115.8
145	19.3	24.6	36.8#