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

Quantitation Report (Not Reviewed)

Data File : VV013906.D
Acq On : 04 Dec 2019 16:15
Operator : SY/MD
Sample : K4649-08MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 05 01:32:17 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	264775	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	237269	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	101638	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	67187	46.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.84%			
7) Chloroethane-d5	1.57	69	72867	70.93	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 141.86%#			
11) 1,1-Dichloroethene-d2	2.13	63	148656	59.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 118.48%			
21) 2-Butanone-d5	3.92	46	118218	112.10	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.10%			
24) Chloroform-d	4.39	84	148476	40.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.78%			
26) 1,2-Dichloroethane-d4	5.07	65	96881	41.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.06%			
32) Benzene-d6	5.09	84	301414	44.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.28%			
36) 1,2-Dichloropropane-d6	6.11	67	95097	48.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.16%			
41) Toluene-d8	7.35	98	271298	41.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.42%			
43) trans-1,3-Dichloropropene-	7.66	79	42047	37.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.78%			
47) 2-Hexanone-d5	8.13	63	67591	82.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.29%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	124998	44.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.68%			
66) 1,2-Dichlorobenzene-d4	11.67	152	106542	44.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.14%			

Target Compounds						Qvalue
3) Chloromethane	1.25	50	1350	1.017	ug/L	86
9) Trichlorofluoromethane	2.12	101	1285	0.617	ug/L #	25
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1418	1.388	ug/L #	14
12) 1,1-Dichloroethene	2.14	96	79582	82.727	ug/L	85
16) Methylene chloride	2.54	84	1239	0.849	ug/L	90
25) Chloroform	4.42	83	18793	6.693	ug/L	96
27) 1,2-Dichloroethane	5.14	62	2668	1.223	ug/L #	74
33) Benzene	5.14	78	338406	61.959	ug/L	100
34) Trichloroethene	5.96	95	85047	56.022	ug/L	98
38) Bromodichloromethane	6.56	83	1824	0.870	ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	2377	1.012	ug/L #	69
42) Toluene	7.43	91	346554	57.103	ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	1665	0.751	ug/L #	60
48) 2-Hexanone	8.13	43	8291	6.414	ug/L #	80
51) Chlorobenzene	8.92	112	236491	57.797	ug/L	99
60) Isopropylbenzene	9.98	105	97	0.017	ug/L #	54
61) 1,2,3-Trichloropropane	11.29	75	9832	7.124	ug/L #	60

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

Quantitation Report (Not Reviewed)

Data File : VV013906.D
Acq On : 04 Dec 2019 16:15
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 05 01:32:17 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)
62) 1,3,5-Trimethylbenzene	10.96	105	69	0.014 ug/L #	28
63) 1,2,4-Trimethylbenzene	10.96	105	69	0.015 ug/L #	30

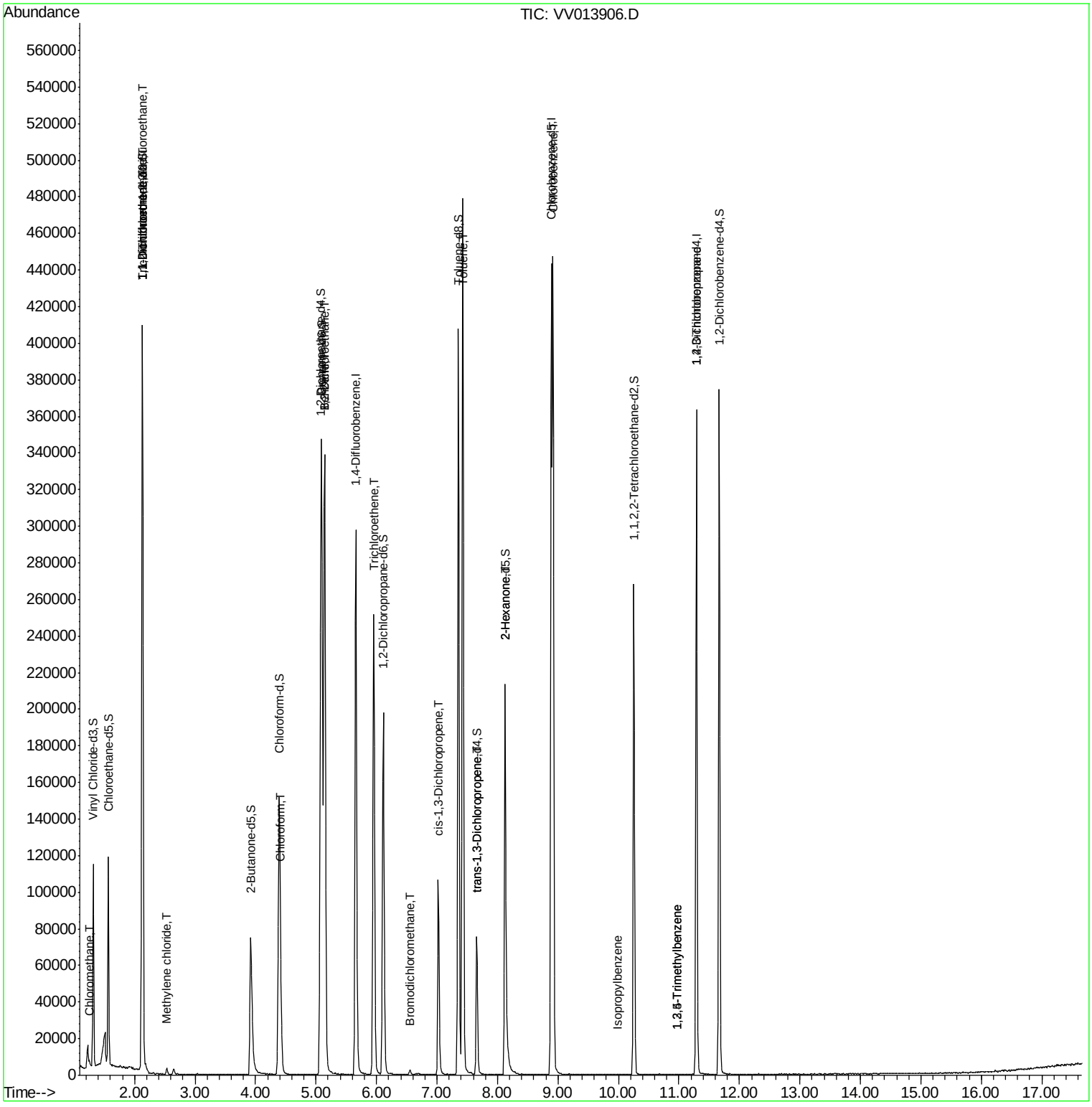
(#) = qualifier out of range (m) = manual integration (+) = signals summed

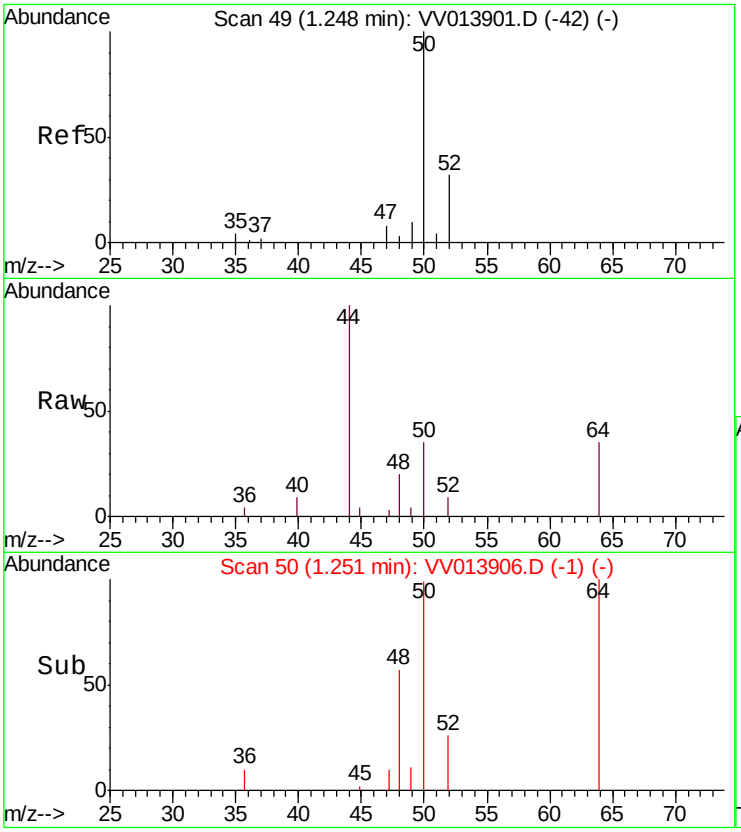
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120419\

Quantitation Report (Not Reviewed)

Data File : VV013906.D
Acq On : 04 Dec 2019 16:15
Operator : SY/MD
Sample : K4649-08MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 05 01:32:17 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

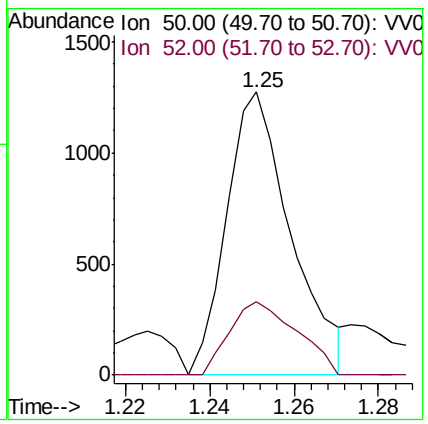


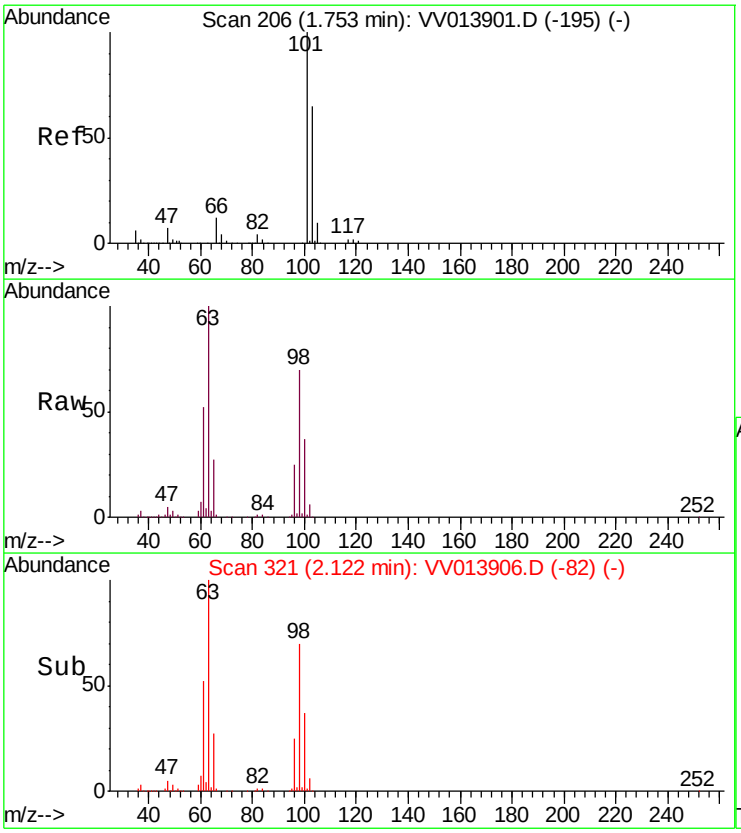


#3
Chloromethane
Concen: 1.017 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 50 Resp: 1350

Ion	Ratio	Lower	Upper
50	100		
52	26.1	23.9	44.3

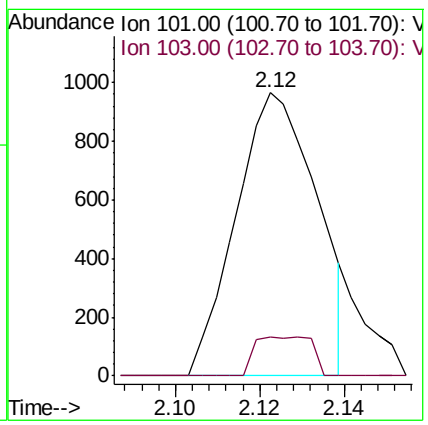


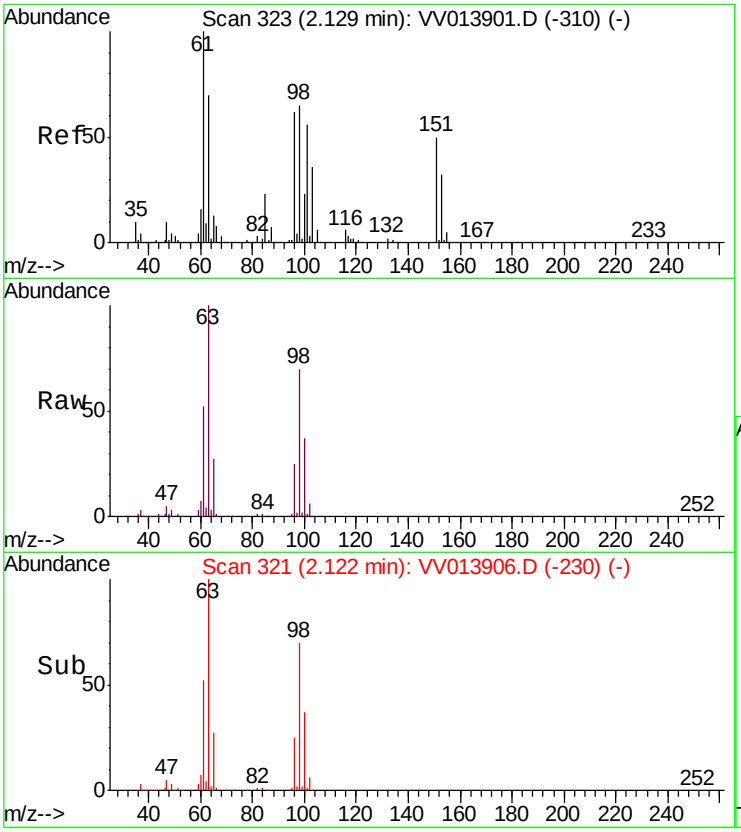


#9
Trichlorofluoromethane
Concen: 0.617 ug/L
RT: 2.12 min Scan# 321
Delta R.T. 0.37 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion:101 Resp: 1285

Ion	Ratio	Lower	Upper
101	100		
103	5.8	52.5	78.7#

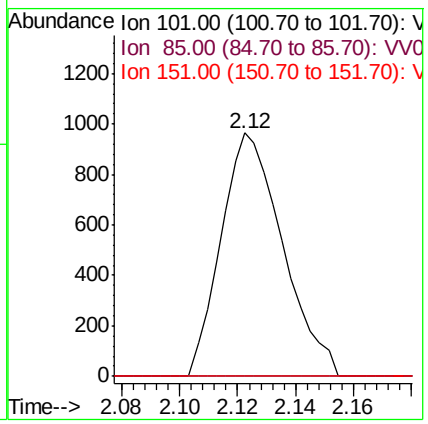


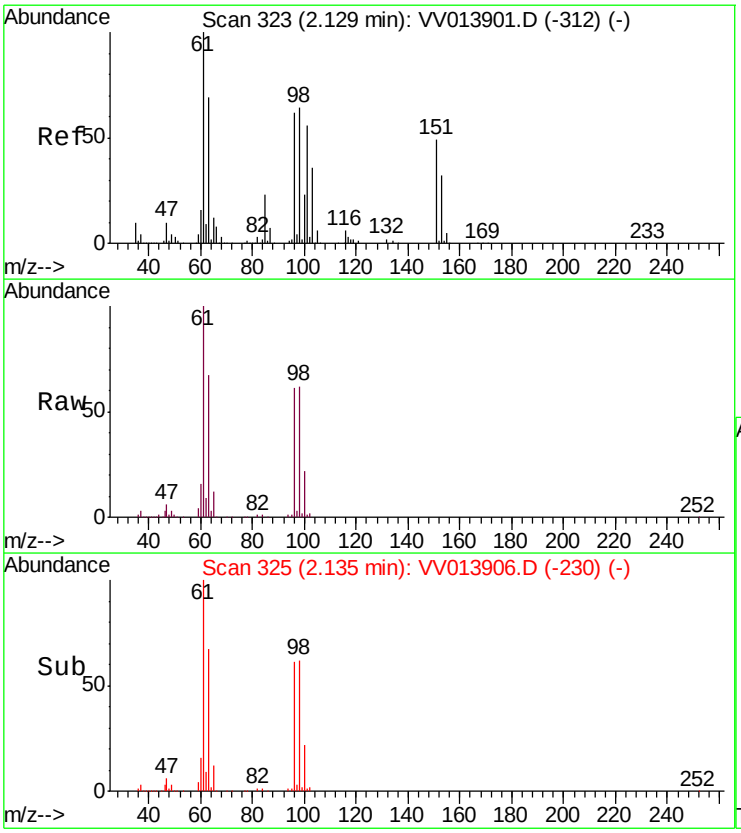


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.388 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion:101 Resp: 1418

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

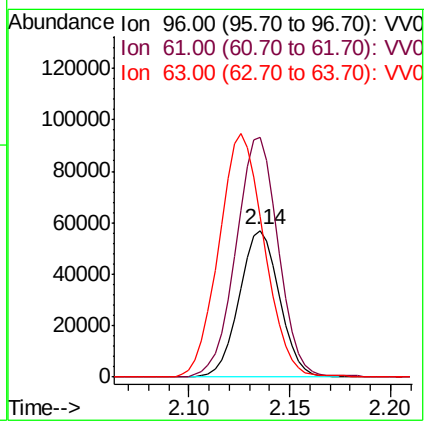


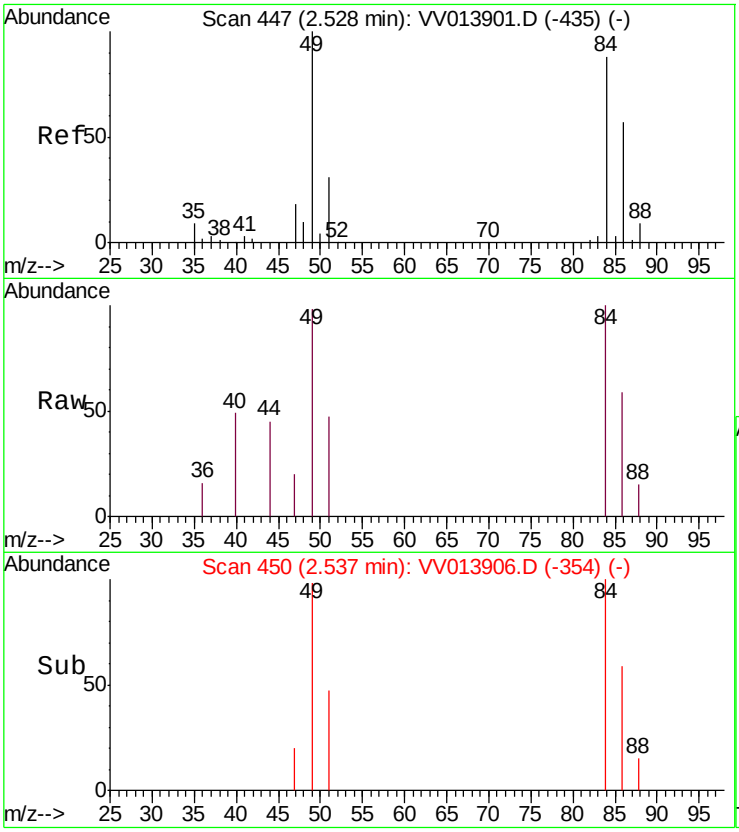


#12
1,1-Dichloroethene
Concen: 82.727 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.01 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 96 Resp: 79582

Ion	Ratio	Lower	Upper
96	100		
61	163.4	120.0	223.0
63	109.5	98.3	182.7

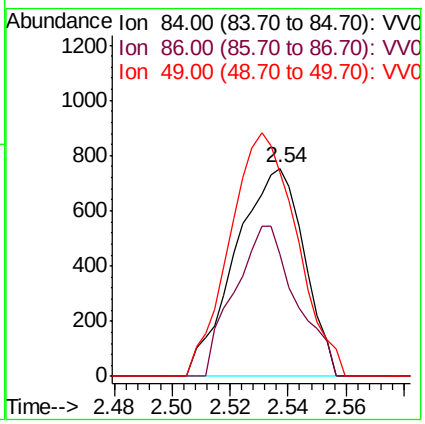


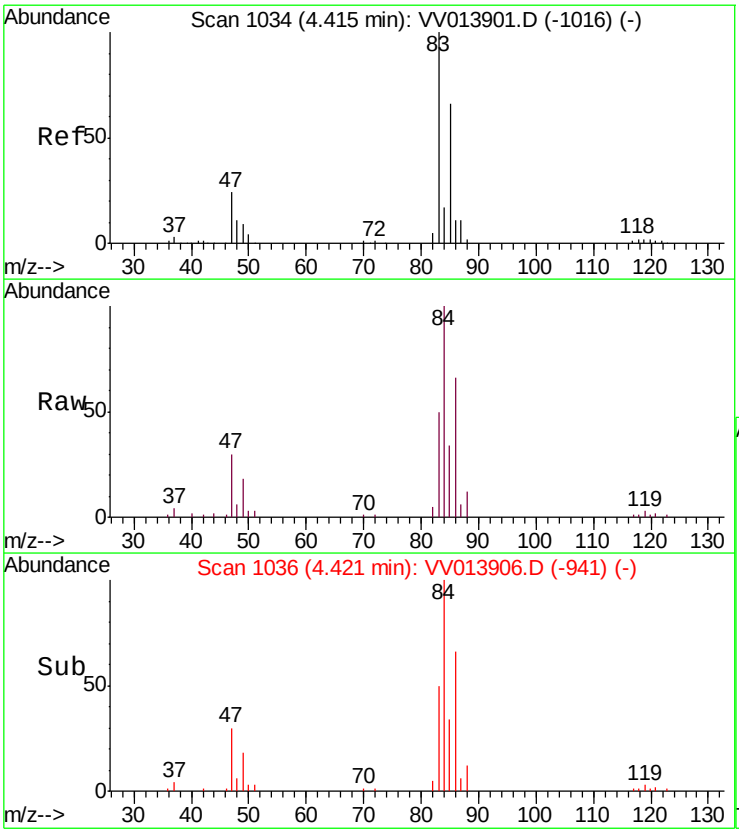


#16
Methylene chloride
Concen: 0.849 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 84 Resp: 1239

Ion	Ratio	Lower	Upper
84	100		
86	58.5	45.7	84.9
49	98.1	76.6	142.2

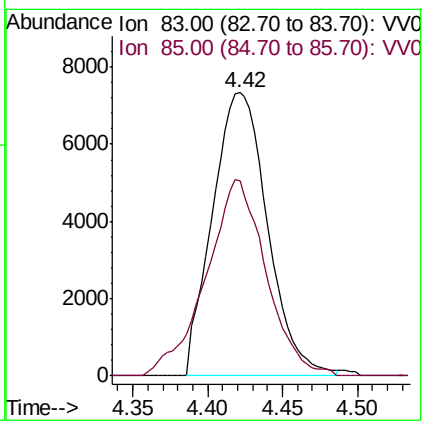


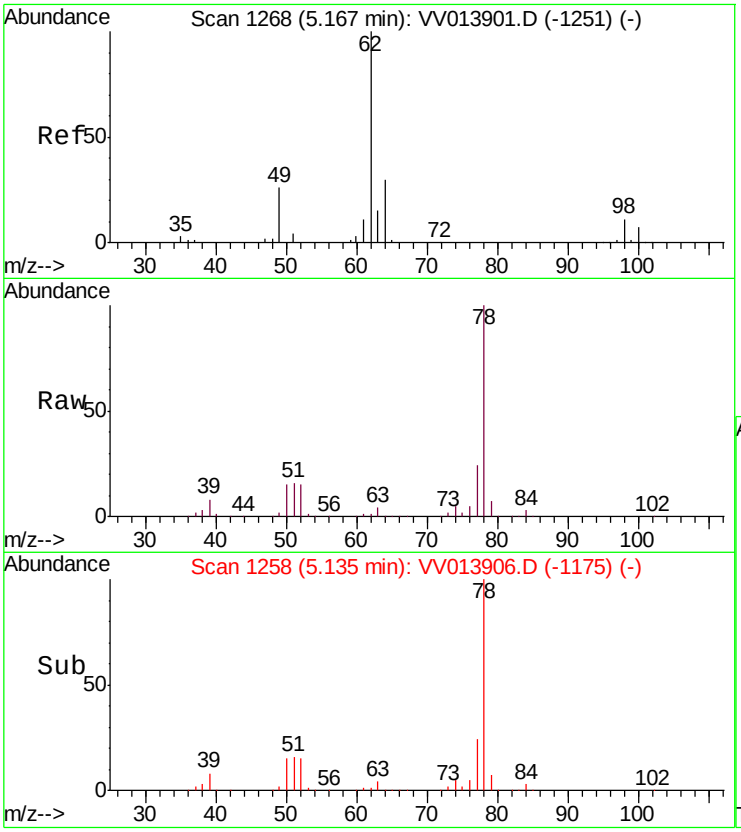


#25
Chloroform
Concen: 6.693 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 83 Resp: 18793

Ion	Ratio	Lower	Upper
83	100		
85	68.8	45.8	85.2

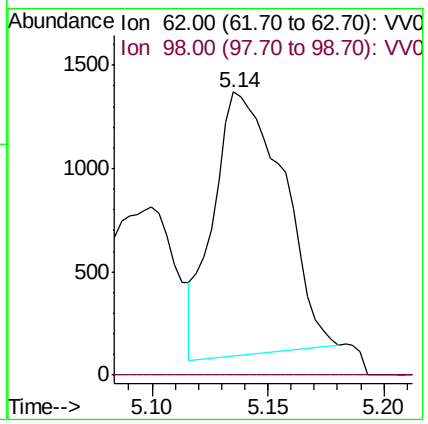


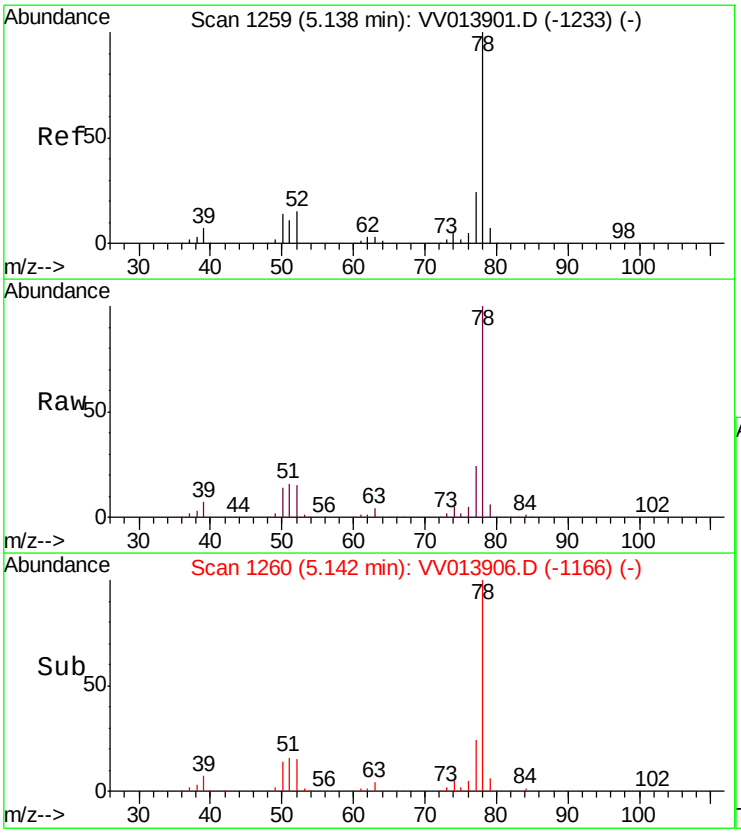


#27
1,2-Dichloroethane
Concen: 1.223 ug/L
RT: 5.14 min Scan# 1258
Delta R.T. -0.03 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 62 Resp: 2668

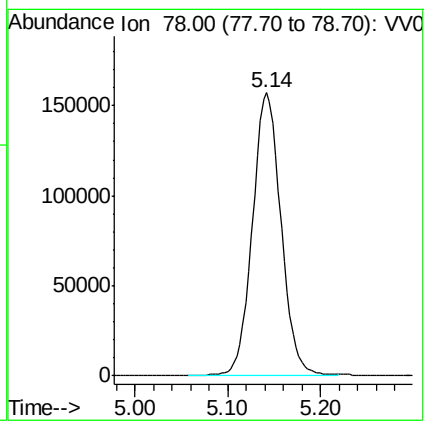
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

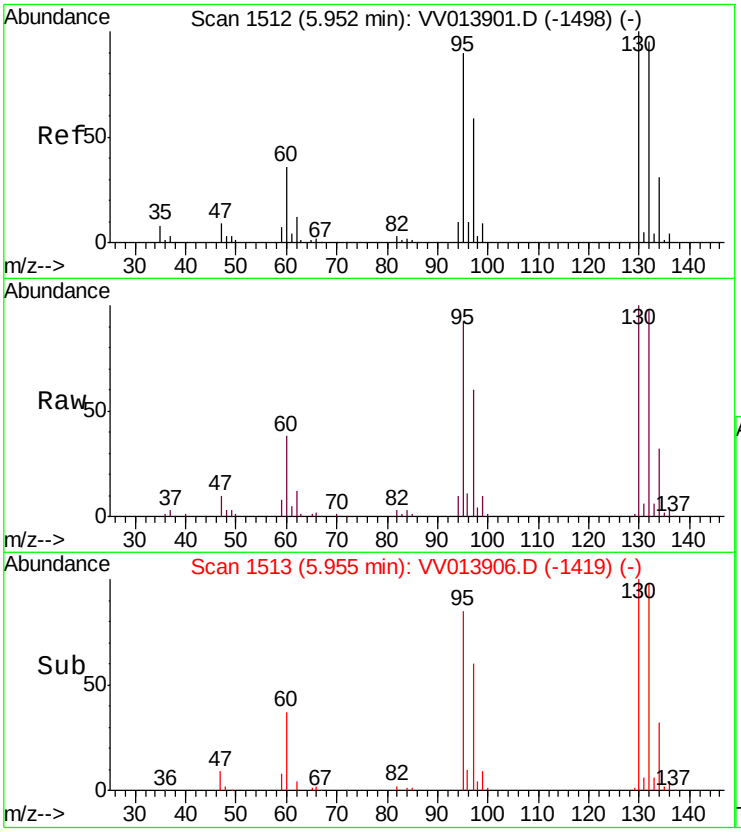




#33
Benzene
Concen: 61.959 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 78 Resp: 338406

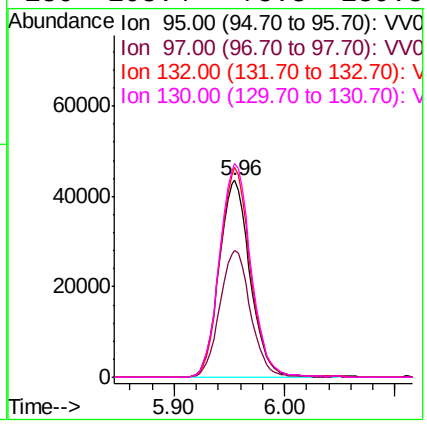


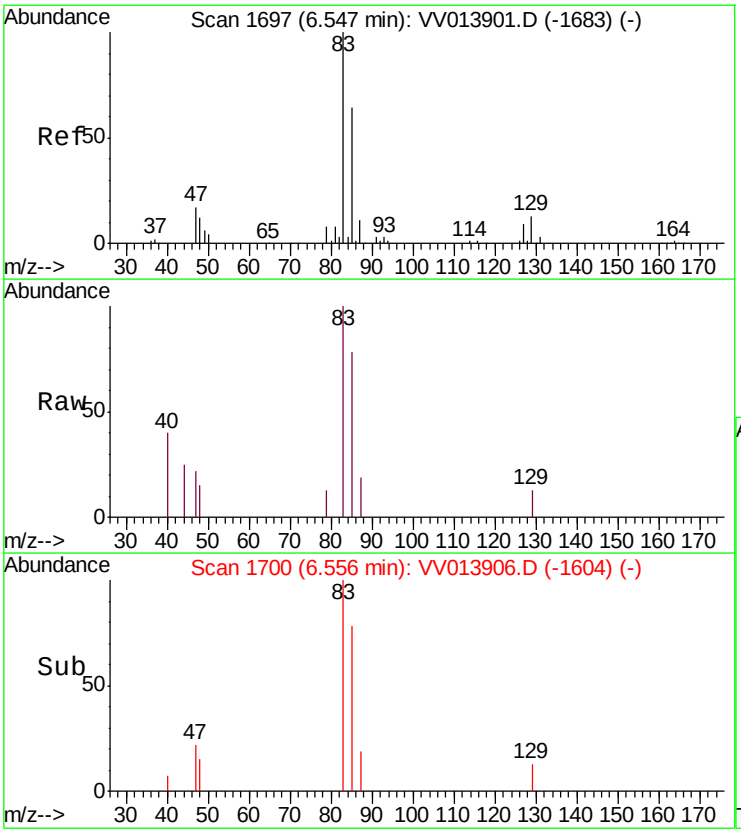


#34
Trichloroethene
Concen: 56.022 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 95 Resp: 85047

Ion	Ratio	Lower	Upper
95	100		
97	64.6	43.4	80.6
132	106.5	73.1	135.8
130	108.4	75.3	139.8

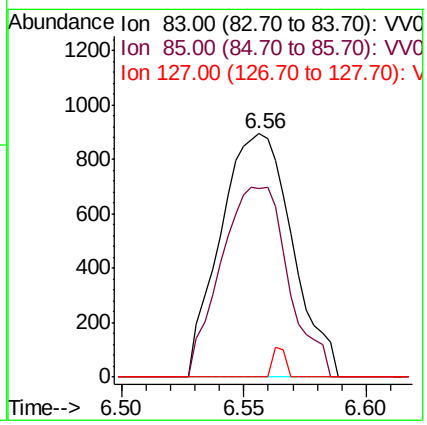


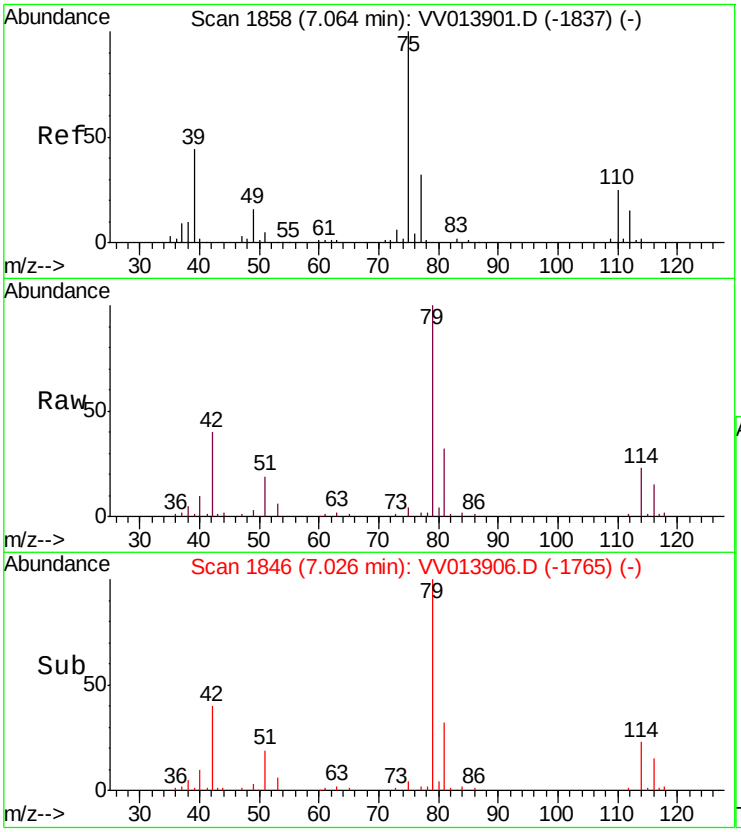


#38
Bromodichloromethane
Concen: 0.870 ug/L
RT: 6.56 min Scan# 1700
Delta R.T. 0.01 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 83 Resp: 1824

Ion	Ratio	Lower	Upper
83	100		
85	77.5	45.0	83.6
127	0.0	7.9	11.9#

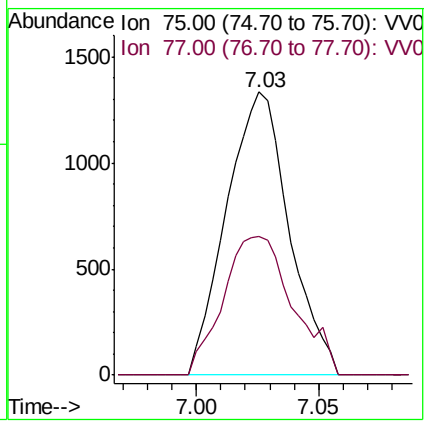


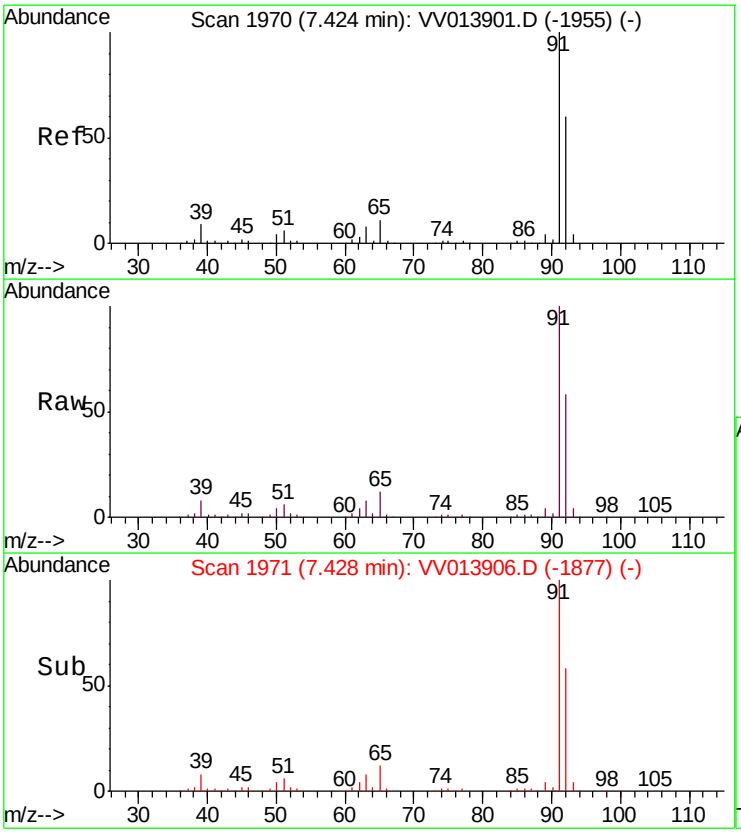


#39
cis-1,3-Dichloropropene
Concen: 1.012 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 75 Resp: 2377

Ion	Ratio	Lower	Upper
75	100		
77	49.0	22.3	41.5#

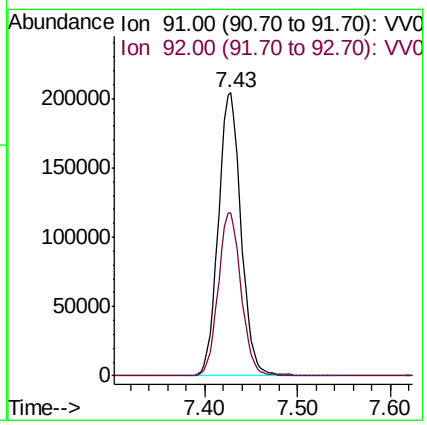


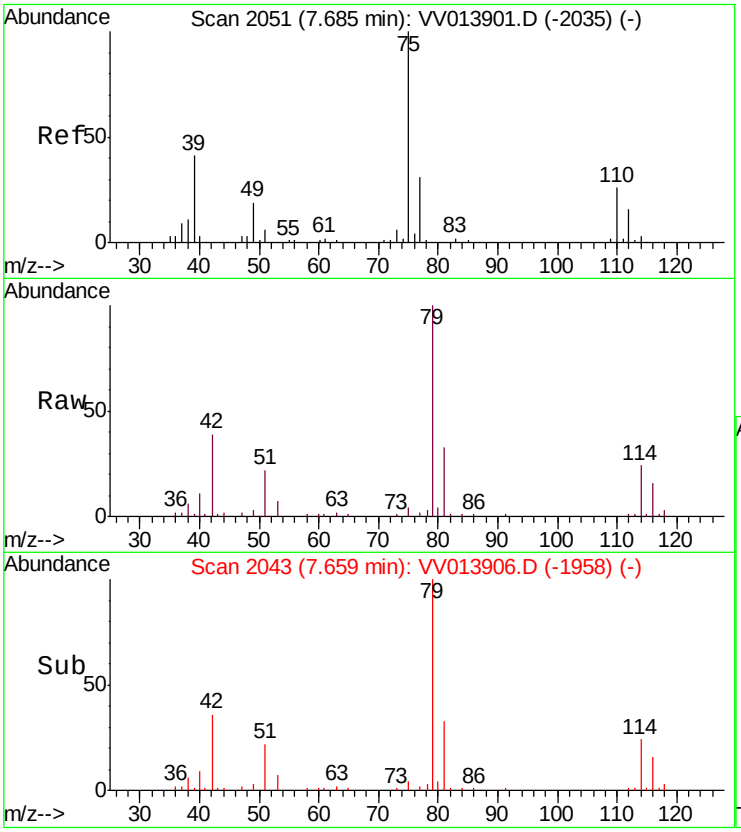


#42
Toluene
Concen: 57.103 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 91 Resp: 346554

Ion	Ratio	Lower	Upper
91	100		
92	57.6	40.1	74.5

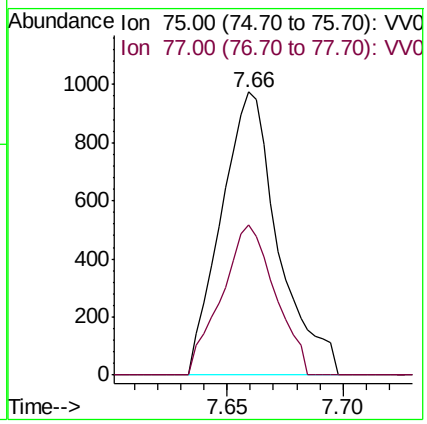


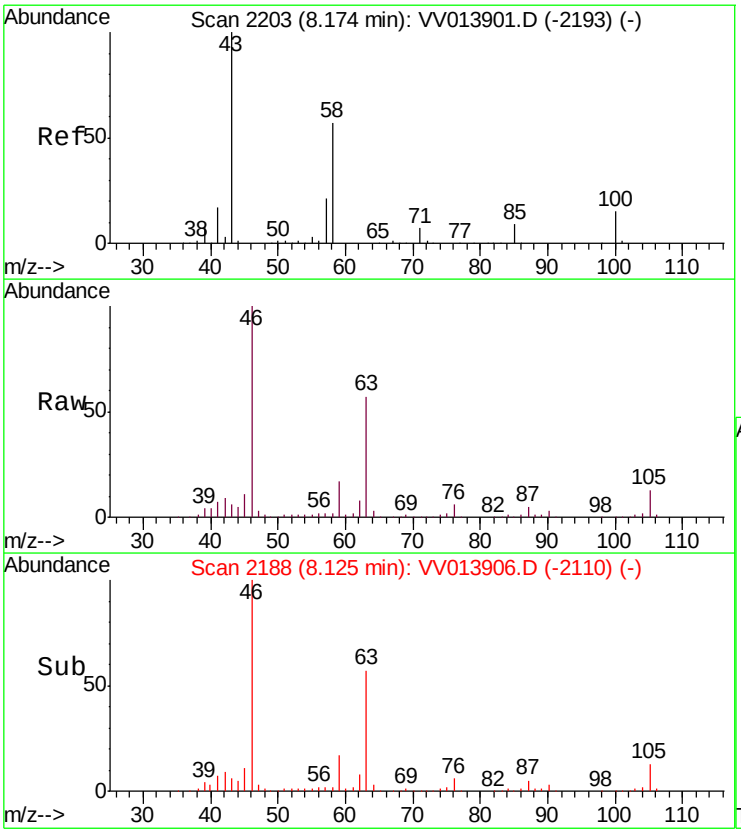


#44
trans-1,3-Dichloropropene
Concen: 0.751 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 75 Resp: 1665

Ion	Ratio	Lower	Upper
75	100		
77	53.0	21.8	40.4#

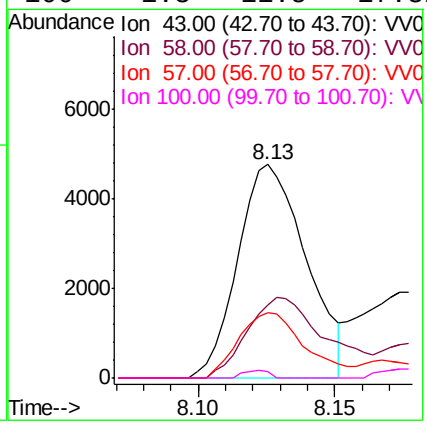


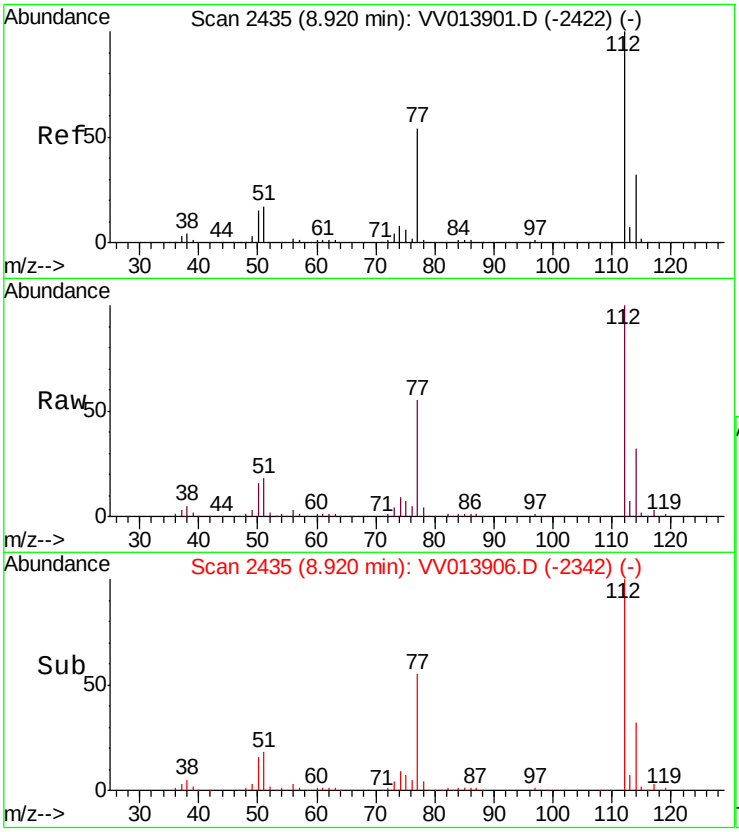


#48
2-Hexanone
Concen: 6.414 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.05 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 43 Resp: 8291

Ion	Ratio	Lower	Upper
43	100		
58	43.8	45.6	68.4#
57	29.5	17.0	25.6#
100	1.3	11.5	17.3#

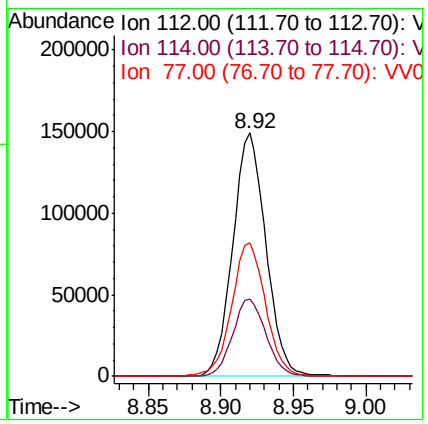


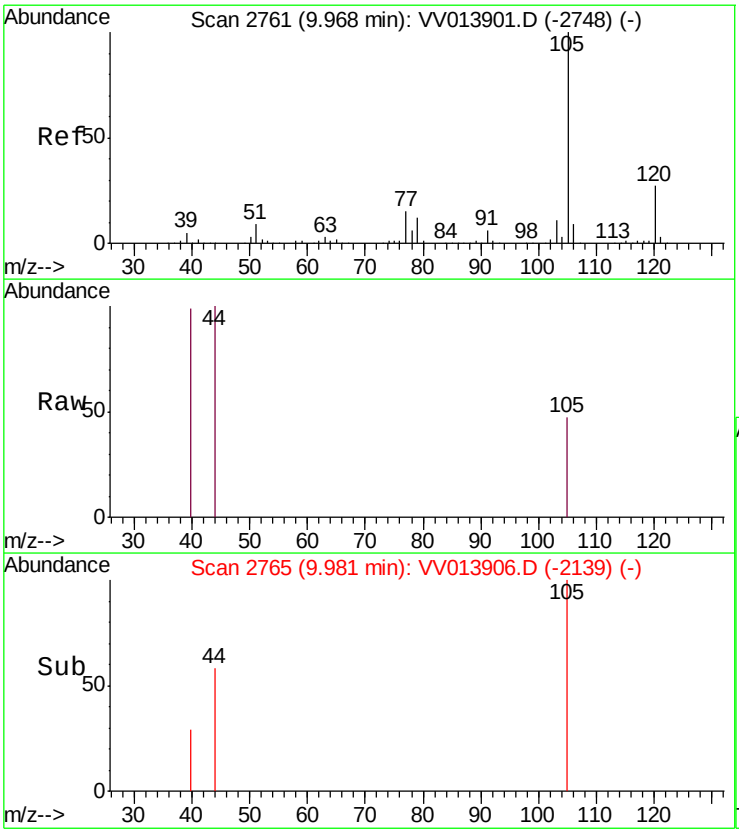


#51
Chlorobenzene
Concen: 57.797 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion:112 Resp: 236491

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.8	42.4
77	54.8	44.7	67.1

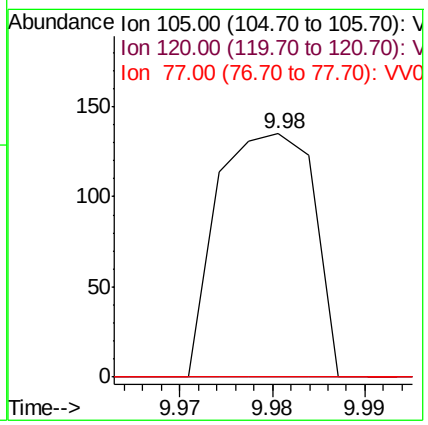


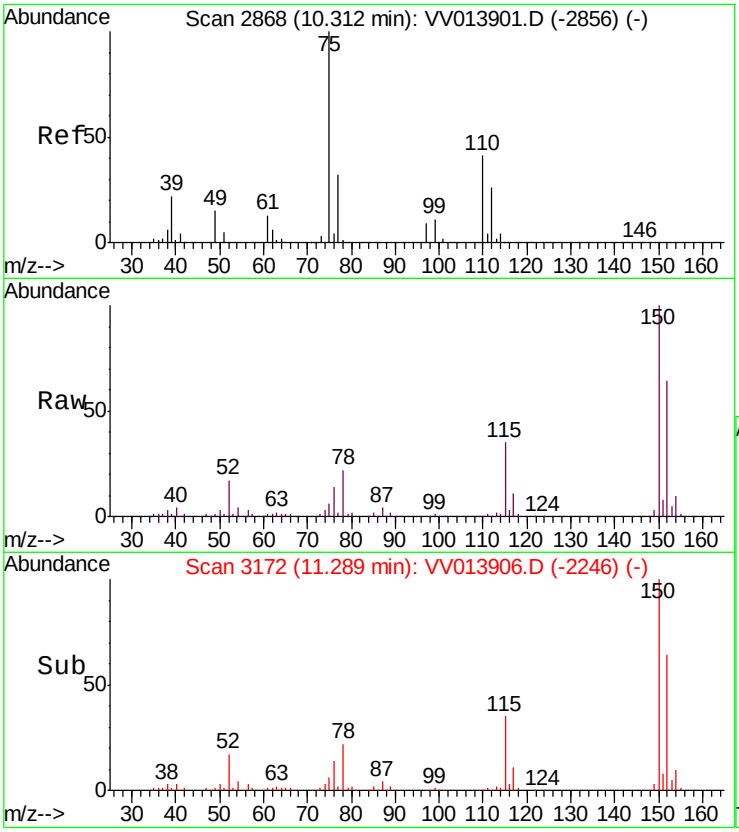


#60
Isopropylbenzene
Concen: 0.017 ug/L
RT: 9.98 min Scan# 2765
Delta R.T. 0.01 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion:105 Resp: 97

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

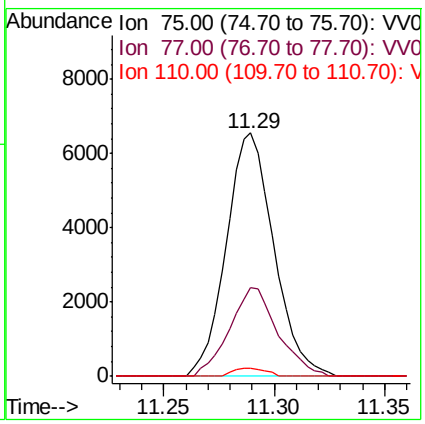


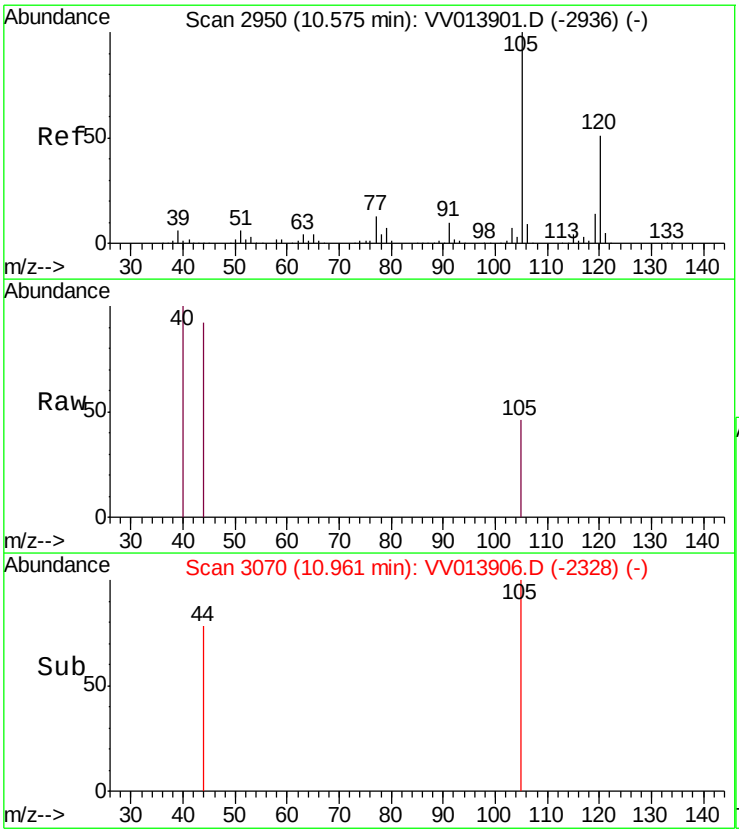


#61
1,2,3-Trichloropropane
Concen: 7.124 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 75 Resp: 9832

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.7	38.5
110	2.3	34.2	51.4#

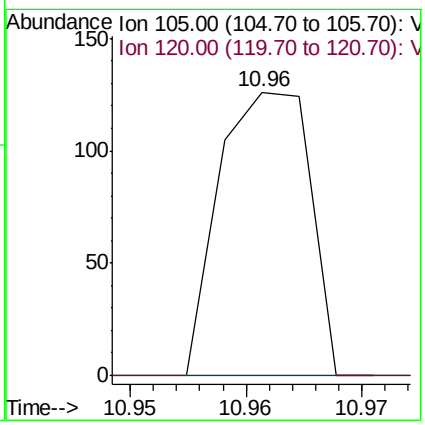


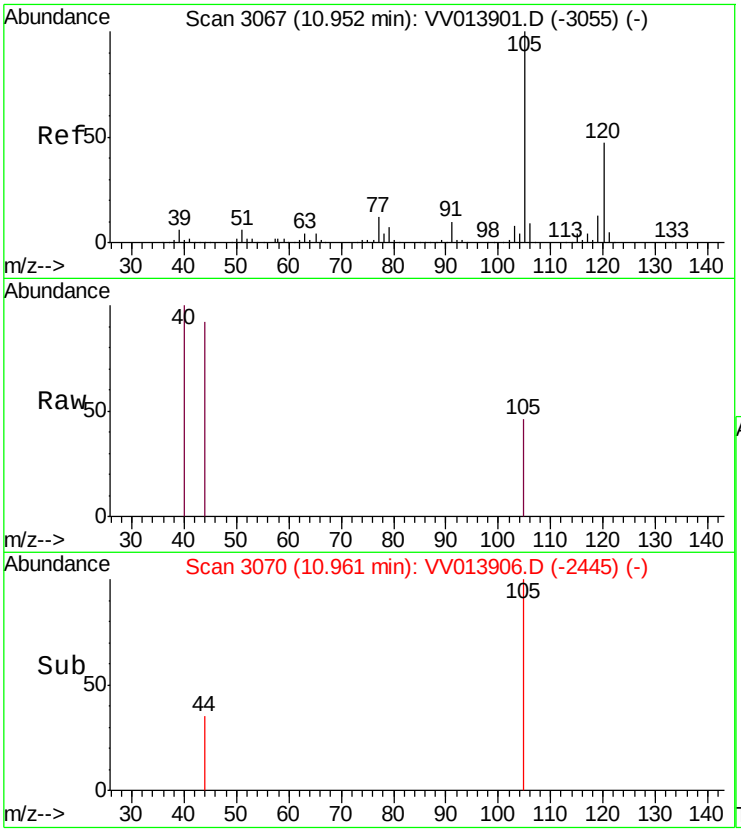


#62
1,3,5-Trimethylbenzene
Concen: 0.014 ug/L
RT: 10.96 min Scan# 3070
Delta R.T. 0.39 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion:105 Resp: 69

Ion	Ratio	Lower	Upper
105	100		
120	0.0	39.2	58.8#





#63
1,2,4-Trimethylbenzene
Concen: 0.015 ug/L
RT: 10.96 min Scan# 3070
Delta R.T. 0.01 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion:105 Resp: 69

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.7	55.1#