Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013872.D
Acq On : 02 Dec 2019 15:36
Operator : SY/MD
Sample : K6028-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Dec 03 03:05:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 03 02:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	540666	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	516461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232890	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	182650	58.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 116.82%			
7) Chloroethane-d5	1.58	69	197557	60.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 121.06%			
11) 1,1-Dichloroethene-d2	2.13	63	304366	44.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.04%			
21) 2-Butanone-d5	3.92	46	284721	129.36	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 129.36%			
24) Chloroform-d	4.40	84	393830	59.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.94%			
26) 1,2-Dichloroethane-d4	5.08	65	258431	62.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 124.22%			
32) Benzene-d6	5.09	84	816057	60.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.96%			
36) 1,2-Dichloropropane-d6	6.11	67	234043	58.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 116.52%			
41) Toluene-d8	7.36	98	696958	57.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.26%			
43) trans-1,3-Dichloropropene-	7.66	79	110882	56.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 113.44%			
47) 2-Hexanone-d5	8.13	63	175297	116.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.87%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	314654	54.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.18%			
64) 1,2-Dichlorobenzene-d4	11.67	152	288660	63.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 126.22%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4294	1.056	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	3337	0.850	ug/L #	1
14) Carbon disulfide	2.32	76	6480	0.626	ug/L #	91
25) Chloroform	4.42	83	10731	1.450	ug/L	88
48) 2-Hexanone	8.18	43	10545	2.723	ug/L #	71
62) 1,3-Dichlorobenzene	11.23	146	5272	0.690	ug/L	93
63) 1,4-Dichlorobenzene	11.31	146	6811	0.862	ug/L	88
66) 1,2-Dibromo-3-chloropropan	12.69	75	1112	1.047	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.69	180	6409	1.033	ug/L	92
68) 1,2,4-trichlorobenzene	13.31	180	7235	1.292	ug/L	95
69) Naphthalene	13.55	128	21392	1.455	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	7280	1.243	ug/L	94

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

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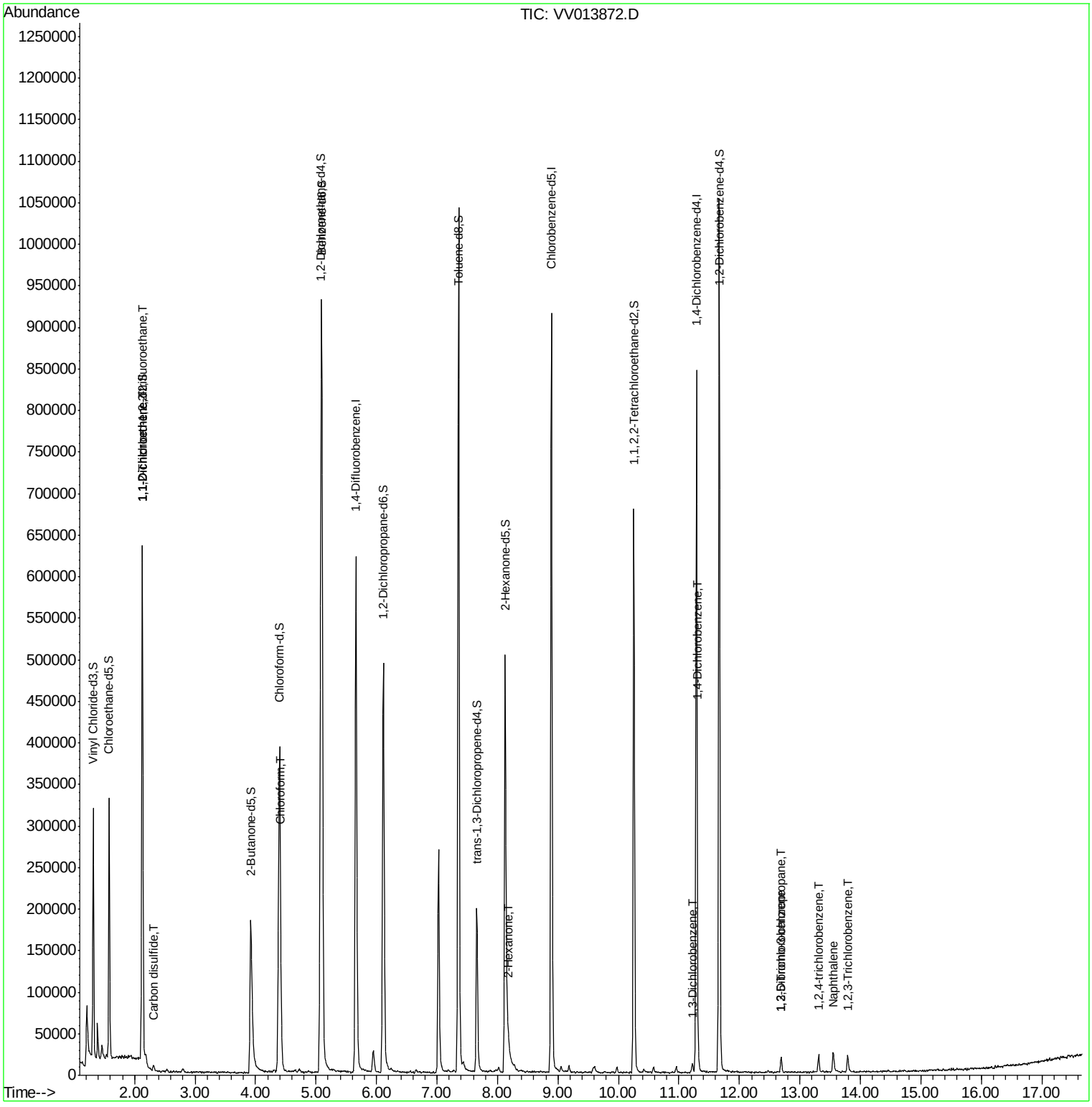
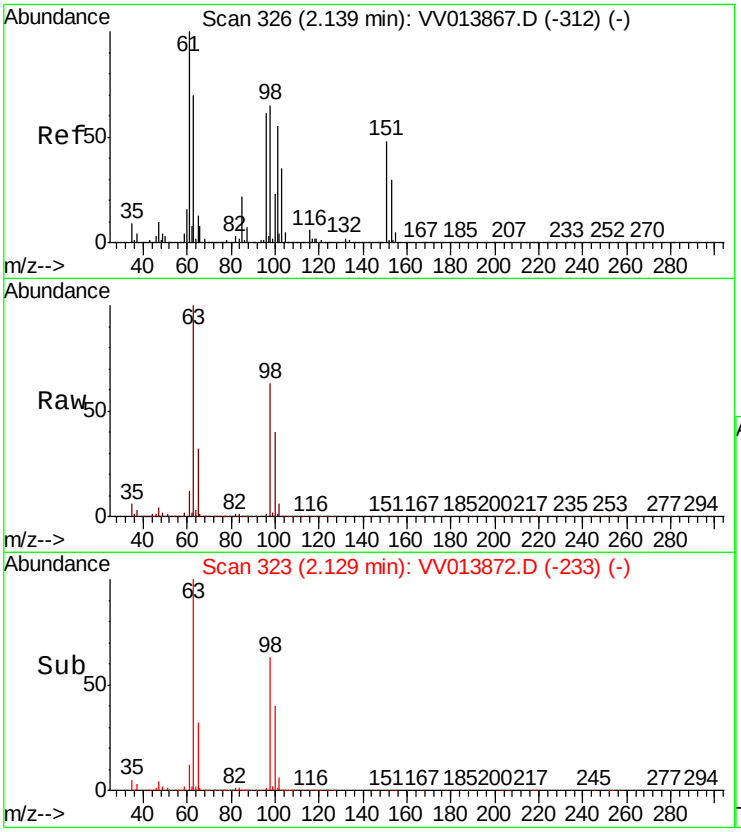
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 03 03:05:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 03 02:59:26 2019
Response via : Initial Calibration



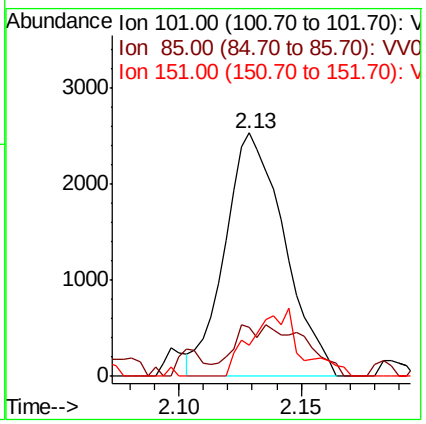


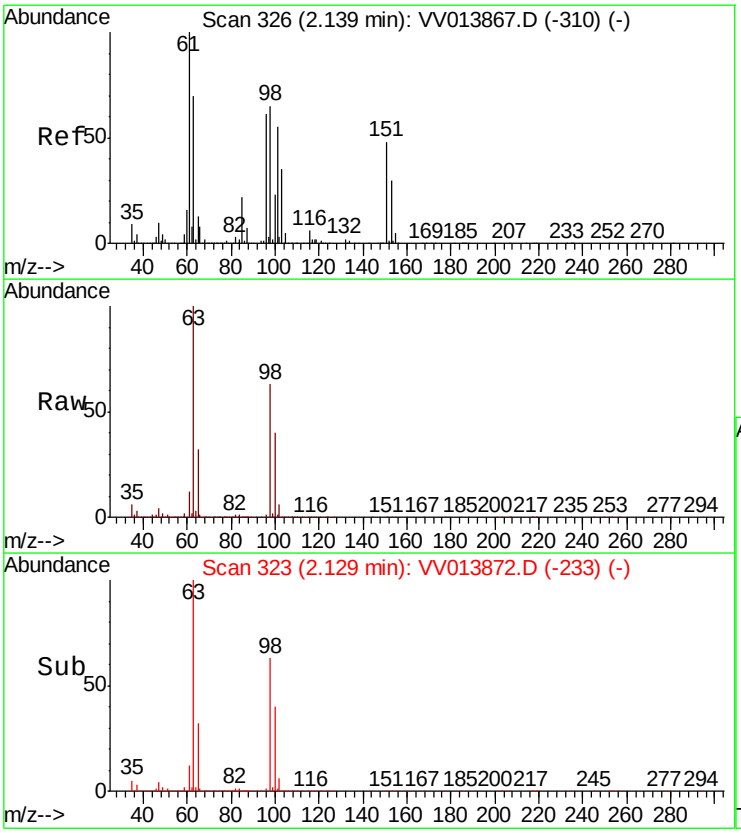
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.056 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013872.D
Acq: 02 Dec 2019 15:36

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 4294

Ion	Ratio	Lower	Upper
101	100		
85	5.8	32.5	48.7#
151	0.0	69.8	104.6#

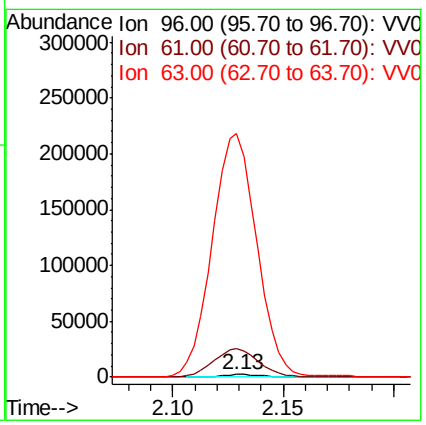


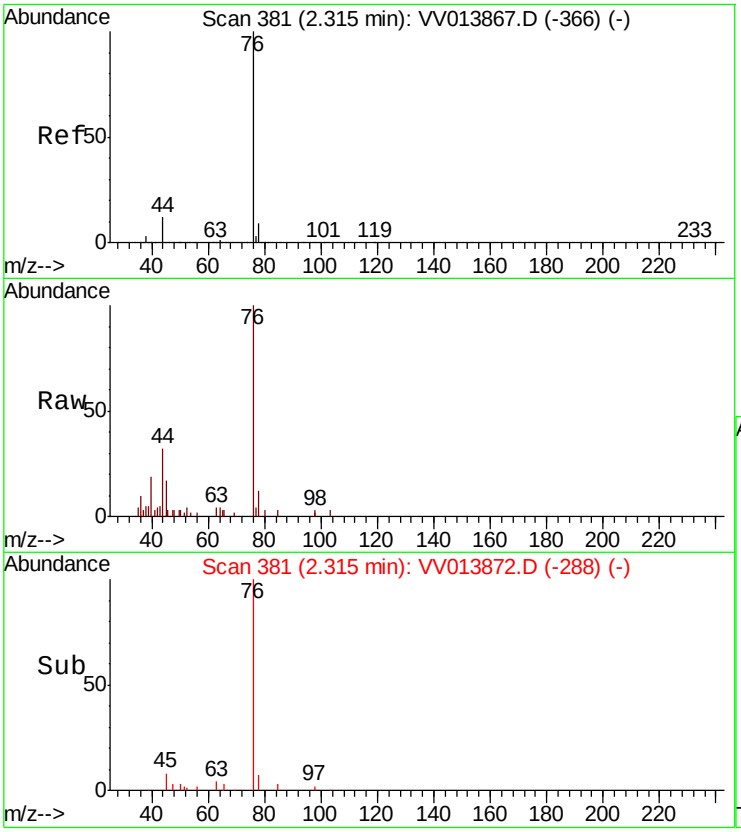


#12
1,1-Dichloroethene
Concen: 0.850 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013872.D
Acq: 02 Dec 2019 15:36

Tgt Ion: 96 Resp: 3337

Ion	Ratio	Lower	Upper
96	100		
61	1173.7	114.0	211.8#
63	10009.7	80.3	149.1#



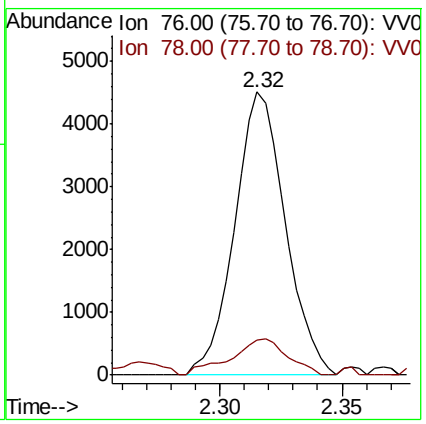


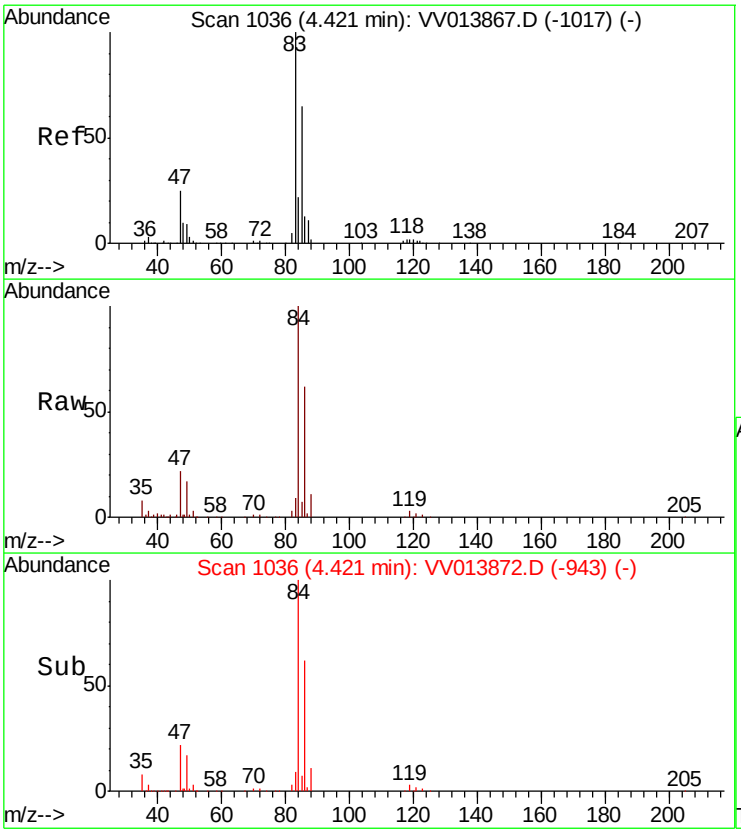
#14
Carbon disulfide
Concen: 0.626 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV013872.D
Acq: 02 Dec 2019 15:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 6480

Ion	Ratio	Lower	Upper
76	100		
78	12.3	7.2	10.8#

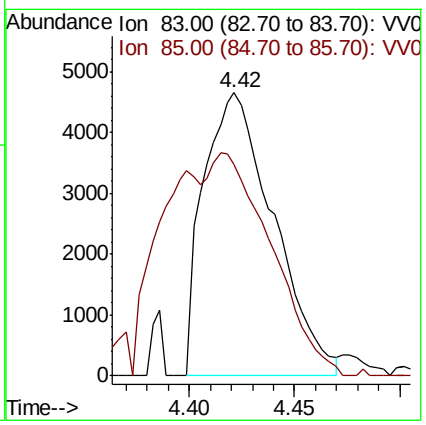


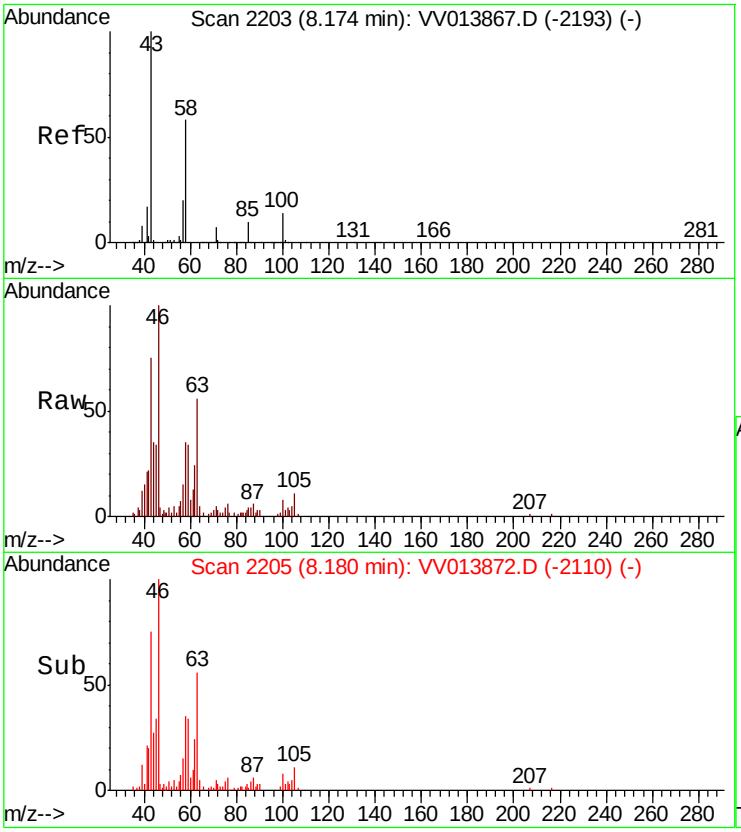


#25
Chloroform
Concen: 1.450 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013872.D
Acq: 02 Dec 2019 15:36

Tgt Ion: 83 Resp: 10731

Ion	Ratio	Lower	Upper
83	100		
85	74.7	45.7	84.9



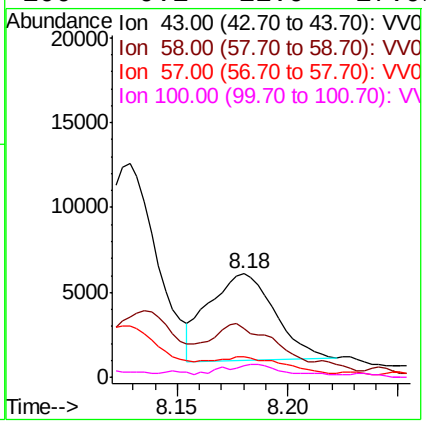


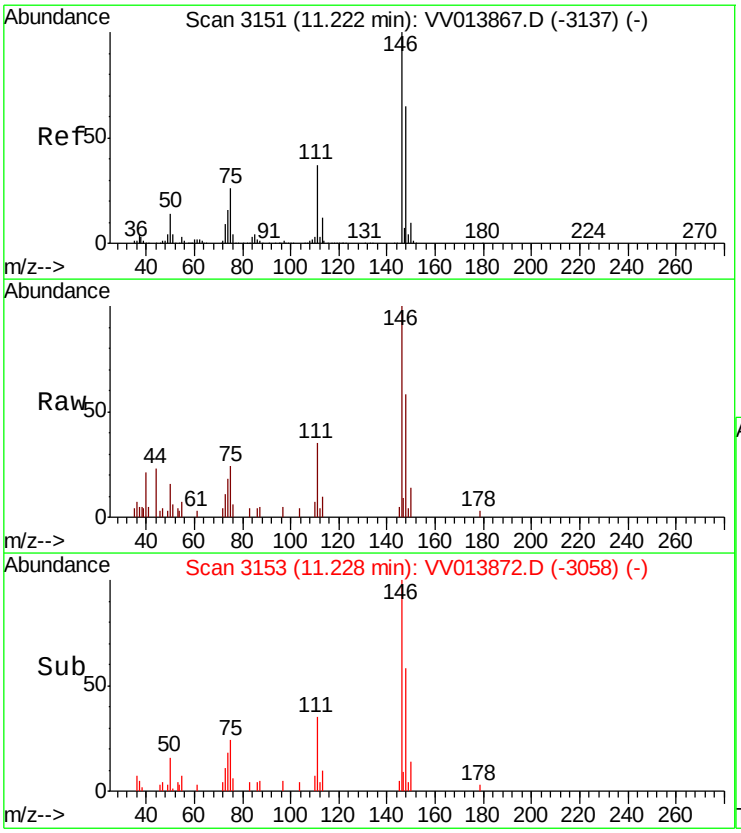
#48
2-Hexanone
Concen: 2.723 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VV013872.D
Acq: 02 Dec 2019 15:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 10545

Ion	Ratio	Lower	Upper
43	100		
58	39.5	48.4	72.6#
57	0.0	16.6	24.8#
100	9.1	11.9	17.9#

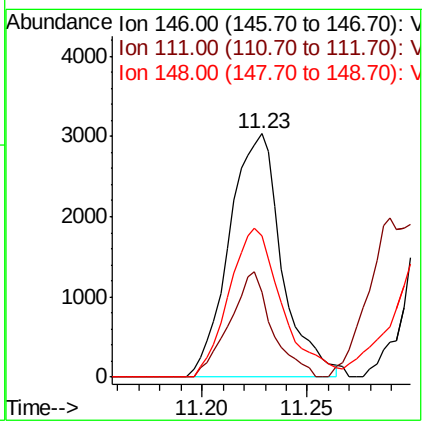


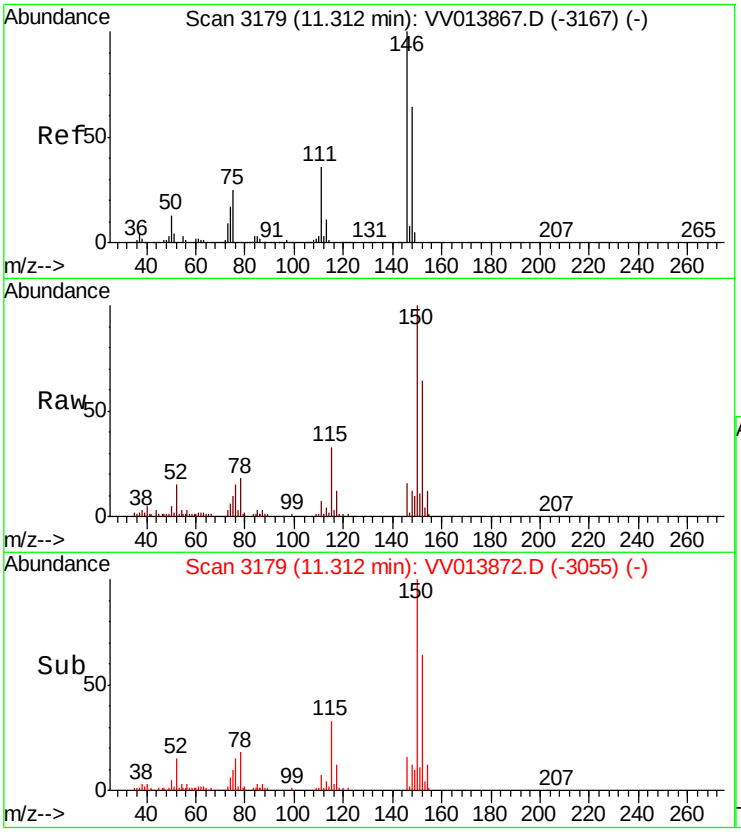


#62
1,3-Dichlorobenzene
Concen: 0.690 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. 0.01 min
Lab File: VV013872.D
Acq: 02 Dec 2019 15:36

Tgt Ion:146 Resp: 5272

Ion	Ratio	Lower	Upper
146	100		
111	34.7	25.8	48.0
148	57.9	45.2	84.0



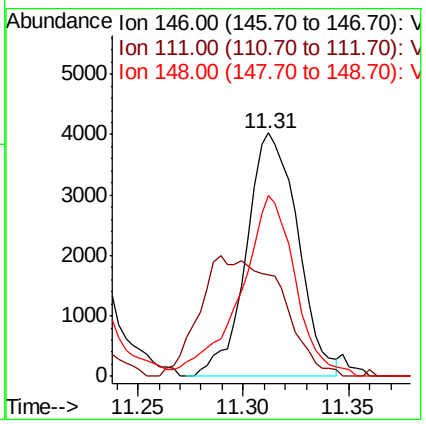


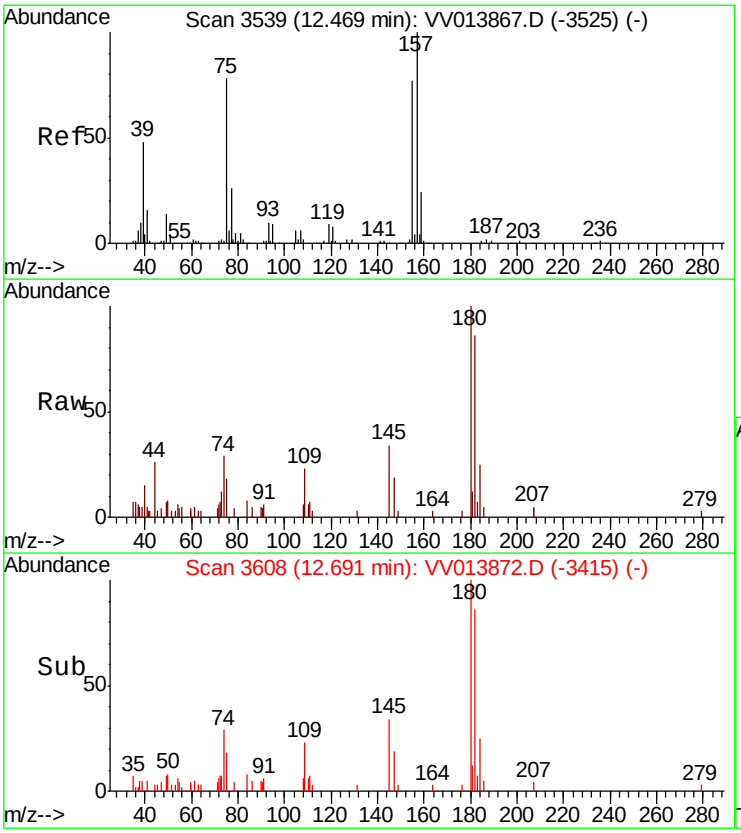
#63
1,4-Dichlorobenzene
Concen: 0.862 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. 0.00 min
Lab File: VV013872.D
Acq: 02 Dec 2019 15:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 6811

Ion	Ratio	Lower	Upper
146	100		
111	41.8	25.4	47.2
148	74.4	44.9	83.5

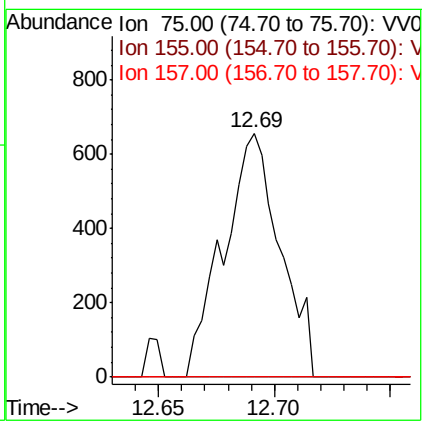


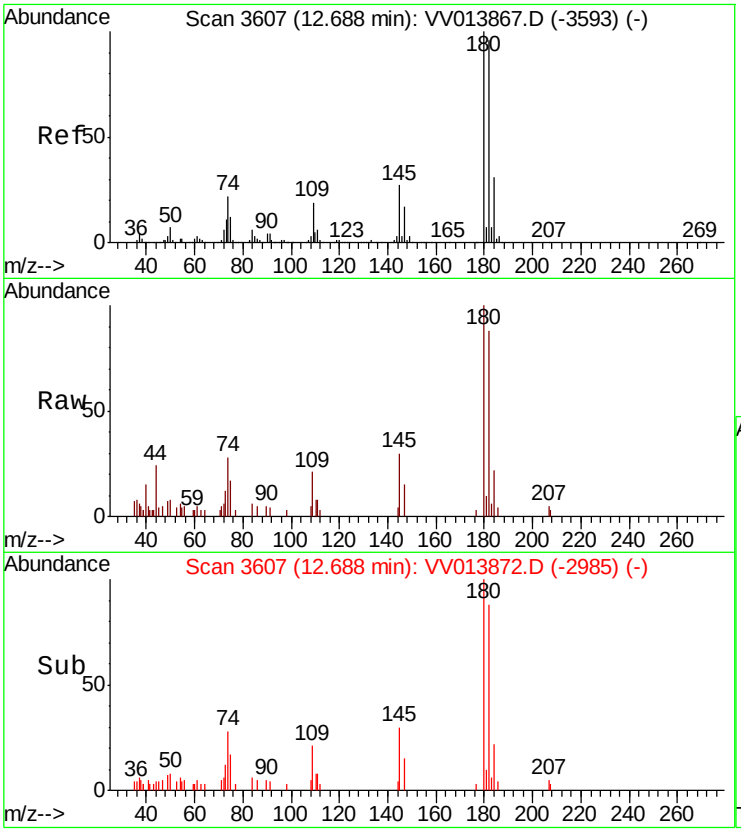


#66
1,2-Dibromo-3-chloropropane
Concen: 1.047 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.22 min
Lab File: VV013872.D
Acq: 02 Dec 2019 15:36

Tgt Ion: 75 Resp: 1112

Ion	Ratio	Lower	Upper
75	100		
155	0.0	78.6	117.8#
157	0.0	102.6	153.8#



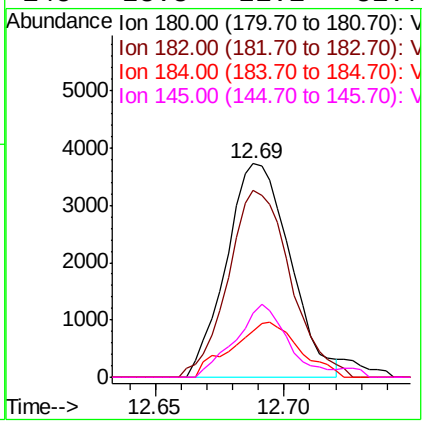


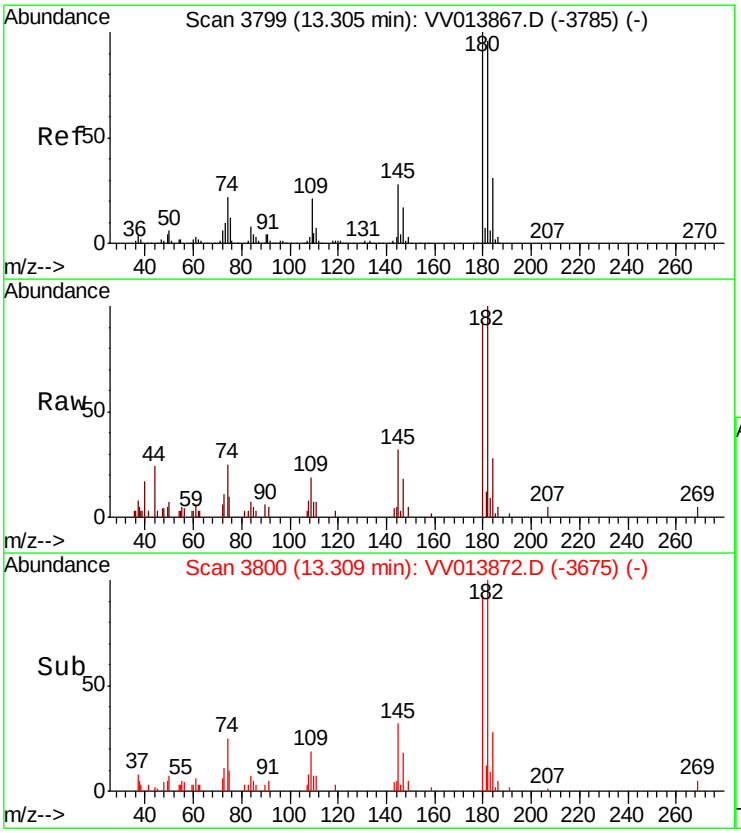
#67
1,3,5-Trichlorobenzene
Concen: 1.033 ug/L
RT: 12.69 min Scan# 3607
Delta R.T. 0.00 min
Lab File: VV013872.D
Acq: 02 Dec 2019 15:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 6409

Ion	Ratio	Lower	Upper
180	100		
182	85.6	76.2	114.4
184	26.9	24.2	36.4
145	28.3	21.1	31.7

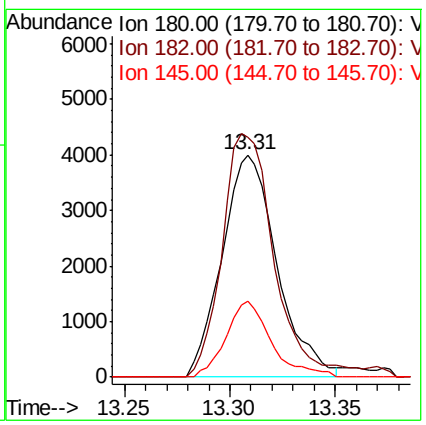


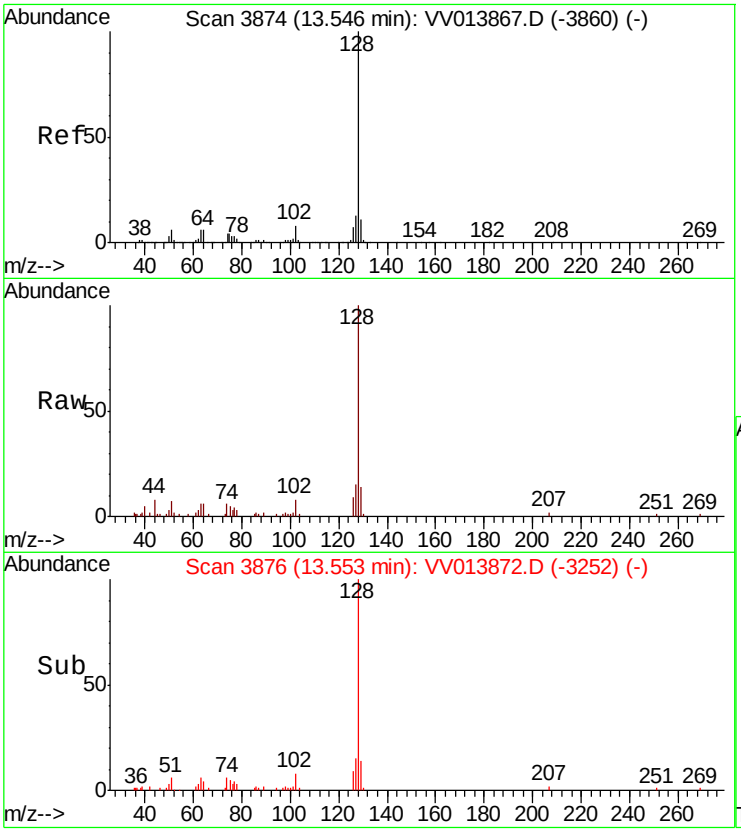


#68
1,2,4-trichlorobenzene
Concen: 1.292 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV013872.D
Acq: 02 Dec 2019 15:36

Tgt Ion:180 Resp: 7235

Ion	Ratio	Lower	Upper
180	100		
182	101.6	76.2	114.4
145	27.9	21.9	32.9



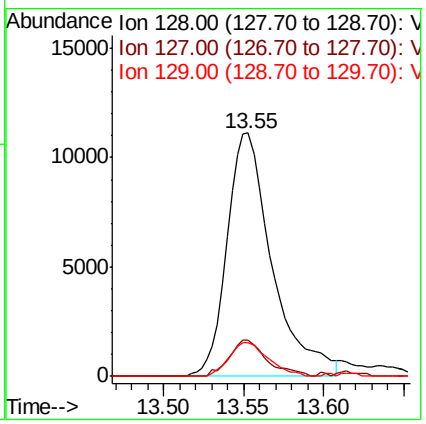


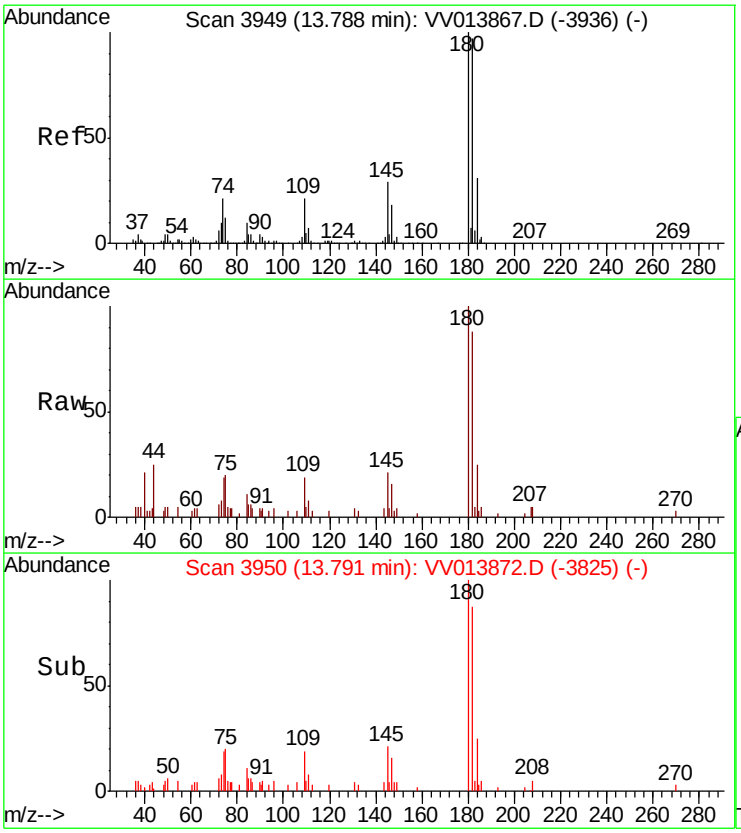
#69
Naphthalene
Concen: 1.455 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.01 min
Lab File: VV013872.D
Acq: 02 Dec 2019 15:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 21392

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.5	15.7
129	12.0	8.6	12.8





#70
1,2,3-Trichlorobenzene
Concen: 1.243 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013872.D
Acq: 02 Dec 2019 15:36

Tgt Ion:180 Resp: 7280

Ion	Ratio	Lower	Upper
180	100		
182	90.2	77.0	115.4
145	24.4	22.6	34.0