Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032420\

Quantitation Report (Not Reviewed)

Data File : VV015121.D
Acq On : 24 Mar 2020 14:12
Operator : SY/MD
Sample : L1968-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0DD5

Quant Time: Mar 25 01:15:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 25 01:10:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	757257	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	724297	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	346973	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	267327	38.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.44%			
7) Chloroethane-d5	1.58	69	243352	41.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.20%			
11) 1,1-Dichloroethene-d2	2.12	63	397237	34.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.04%			
21) 2-Butanone-d5	3.93	46	368245	80.80	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 80.80%			
24) Chloroform-d	4.38	84	433144	40.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.92%			
26) 1,2-Dichloroethane-d4	5.06	65	281465	41.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.62%			
32) Benzene-d6	5.07	84	893106	40.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.42%			
36) 1,2-Dichloropropane-d6	6.09	67	285558	39.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 79.54%			
41) Toluene-d8	7.34	98	871439	42.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.68%			
43) trans-1,3-Dichloropropene-	7.64	79	151787	40.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.06%			
47) 2-Hexanone-d5	8.11	63	294367	81.60	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.60%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	412856	41.01	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.02%			
64) 1,2-Dichlorobenzene-d4	11.65	152	332541	42.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.84%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3798	0.833	ug/L #	31
12) 1,1-Dichloroethene	2.12	96	3451	0.703	ug/L #	1
33) Benzene	5.13	78	230396	10.476	ug/L	100
48) 2-Hexanone	8.11	43	32410	4.295	ug/L #	77
51) Chlorobenzene	8.90	112	1531334	101.876	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	264515	22.933	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	1041823	89.353	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	296943	24.704	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.43	75	2041	0.763	ug/L #	18
67) 1,3,5-Trichlorobenzene	13.29	180	111834	14.151	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	111834	14.900	ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	10173	1.316	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032420\

Quantitation Report (Not Reviewed)

Data File : VV015121.D
Acq On : 24 Mar 2020 14:12
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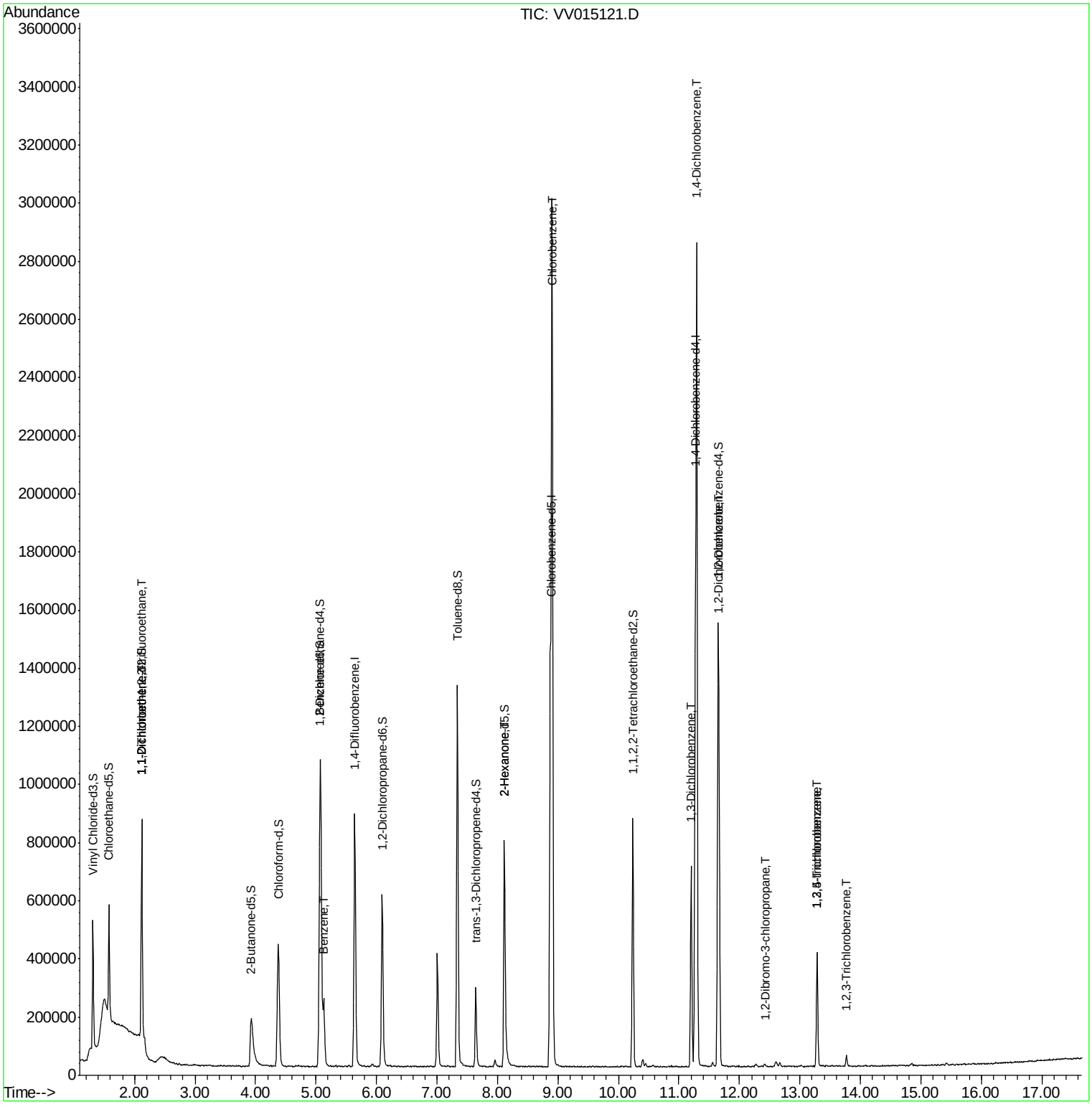
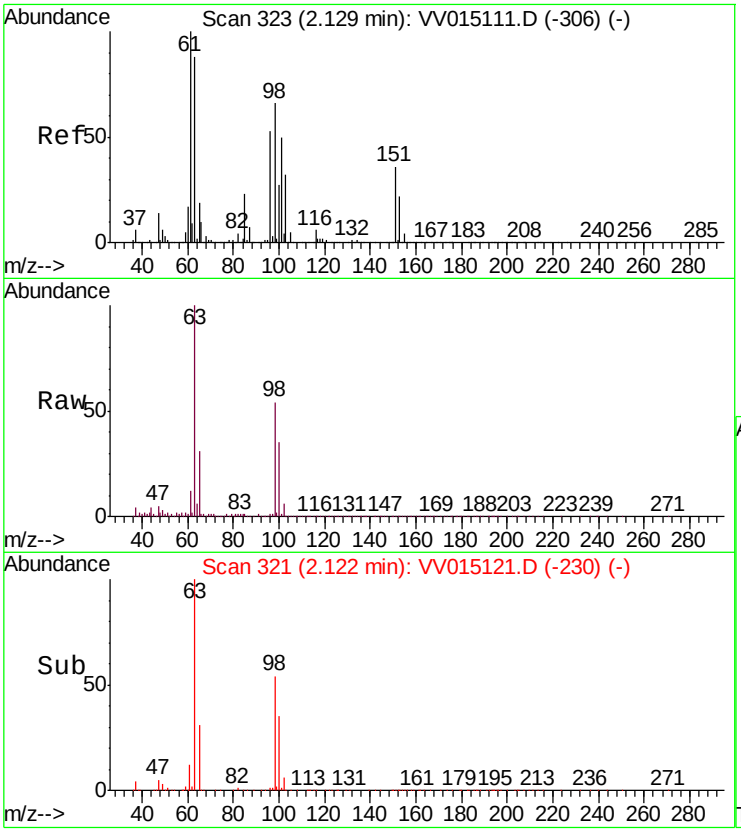
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DD5

Quant Time: Mar 25 01:15:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 25 01:10:42 2020
Response via : Initial Calibration



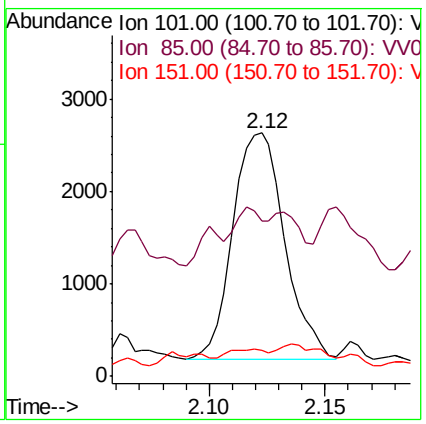


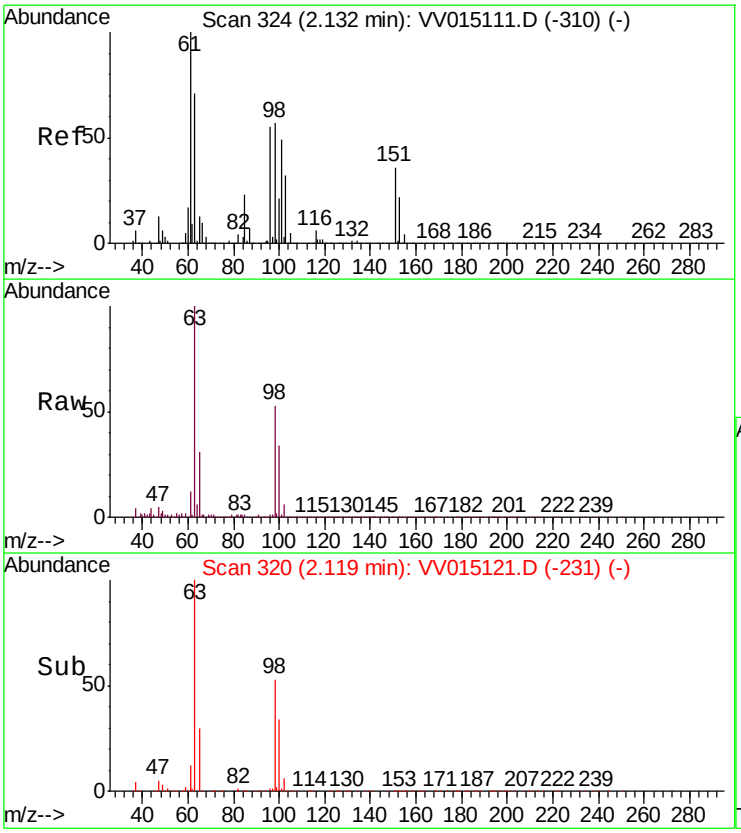
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.833 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV015121.D
Acq: 24 Mar 2020 14:12

Instrument : MSVOA_V
ClientSampleId : C0DD5

Tgt Ion:101 Resp: 3798

Ion	Ratio	Lower	Upper
101	100		
85	6.5	37.2	55.8#
151	8.2	56.3	84.5#

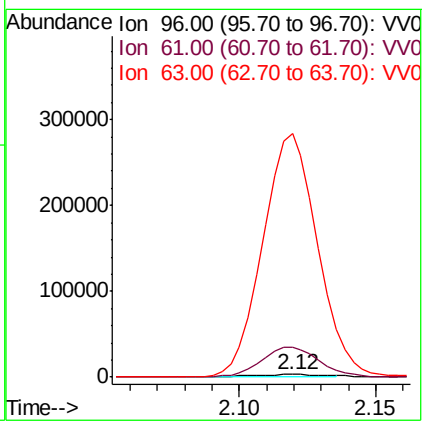


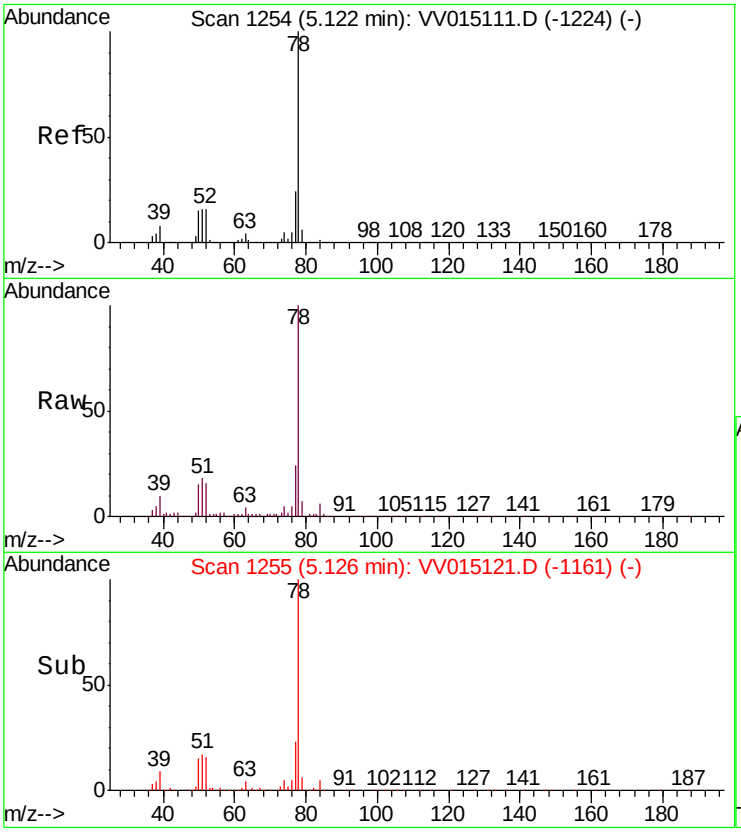


#12
1,1-Dichloroethene
Concen: 0.703 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV015121.D
Acq: 24 Mar 2020 14:12

Tgt Ion: 96 Resp: 3451

Ion	Ratio	Lower	Upper
96	100		
61	1061.1	127.4	236.6#
63	8546.8	96.6	179.4#

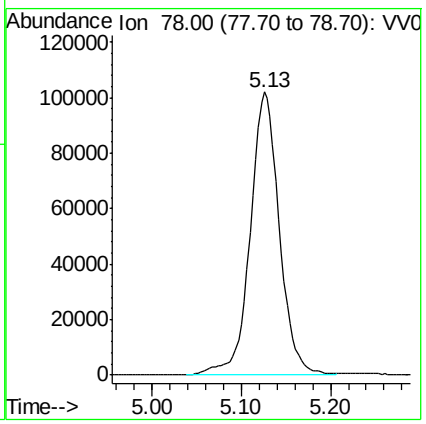


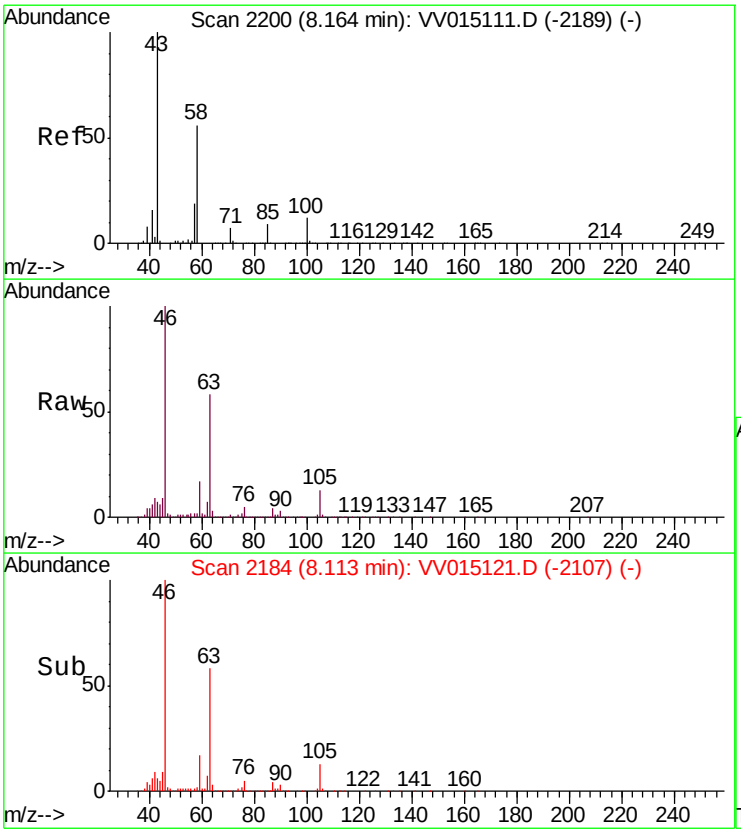


#33
Benzene
Concen: 10.476 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015121.D
Acq: 24 Mar 2020 14:12

Instrument :
MSVOA_V
ClientSampleId :
C0DD5

Tgt Ion: 78 Resp: 230396

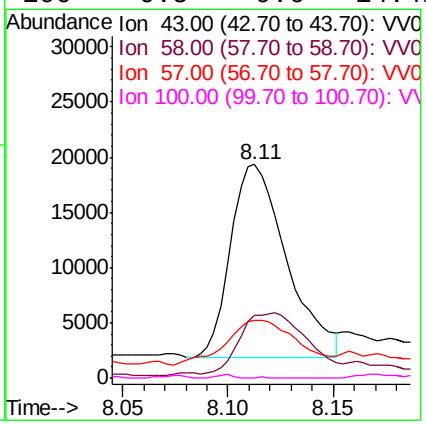


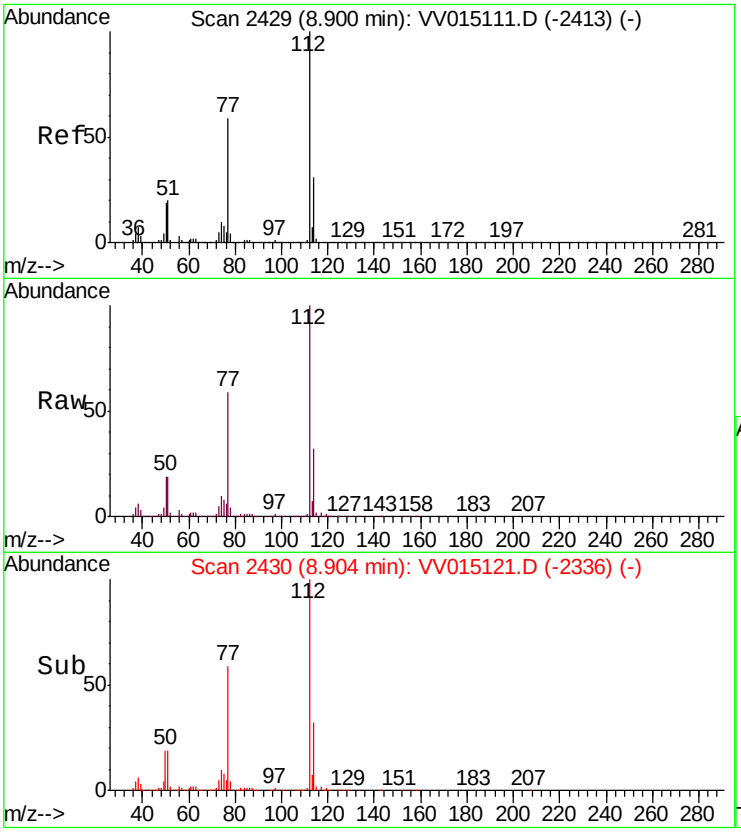


#48
2-Hexanone
Concen: 4.295 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV015121.D
Acq: 24 Mar 2020 14:12

Tgt Ion: 43 Resp: 32410

Ion	Ratio	Lower	Upper
43	100		
58	37.1	44.2	66.2#
57	22.0	14.0	21.0#
100	0.5	9.6	14.4#



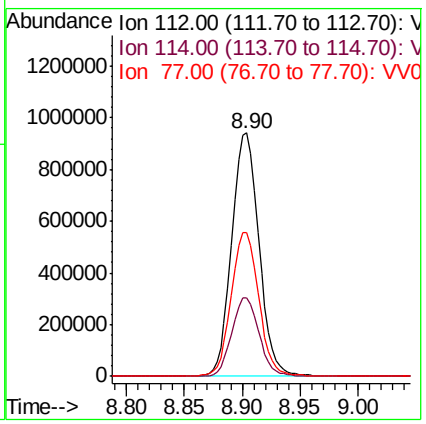


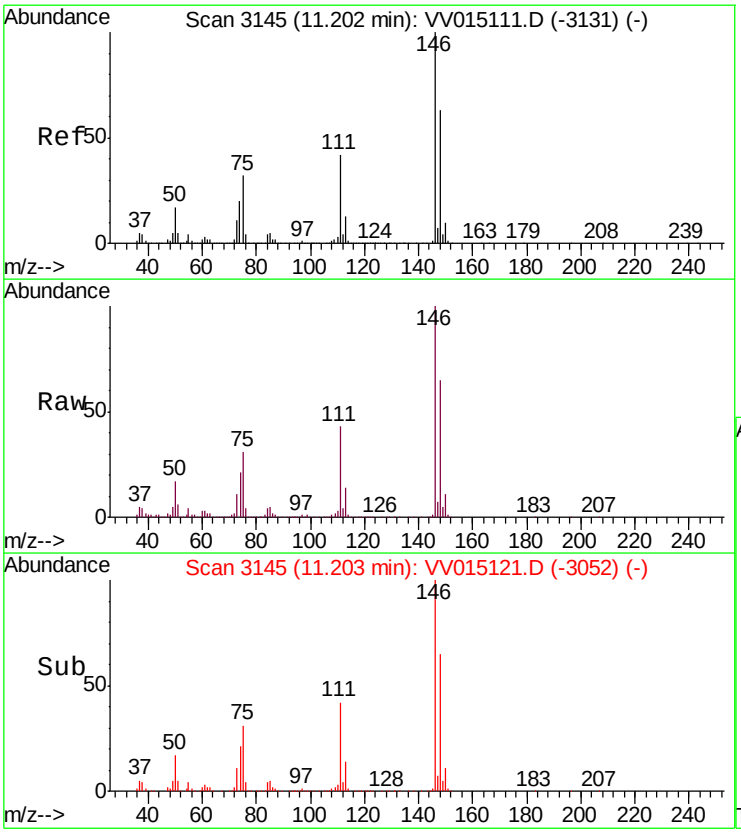
#51
Chlorobenzene
Concen: 101.876 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015121.D
Acq: 24 Mar 2020 14:12

Instrument : MSVOA_V
ClientSampleId : C0DD5

Tgt Ion:112 Resp: 1531334

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.3
77	59.0	48.1	72.1

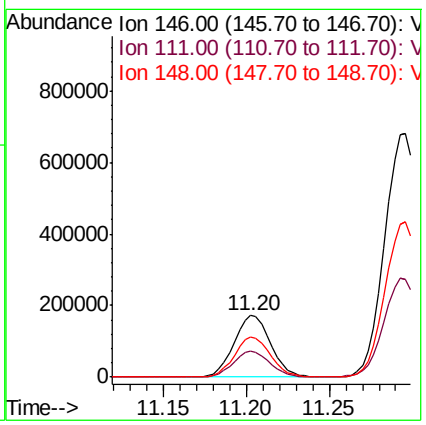


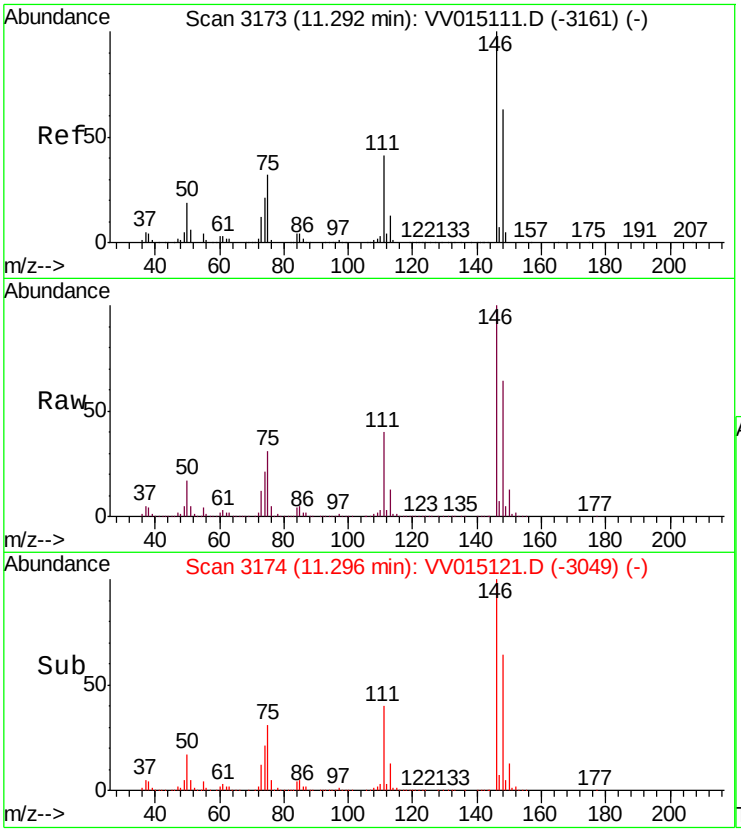


#62
1,3-Dichlorobenzene
Concen: 22.933 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. 0.00 min
Lab File: VV015121.D
Acq: 24 Mar 2020 14:12

Tgt Ion:146 Resp: 264515

Ion	Ratio	Lower	Upper
146	100		
111	42.6	29.7	55.1
148	64.9	45.3	84.1



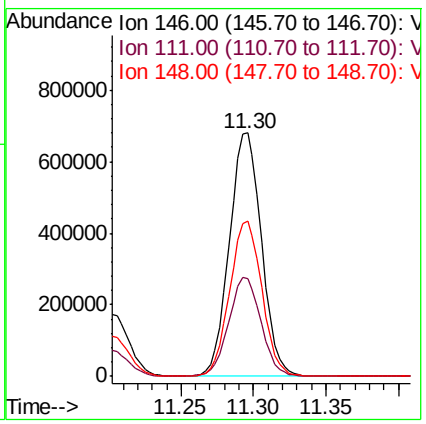


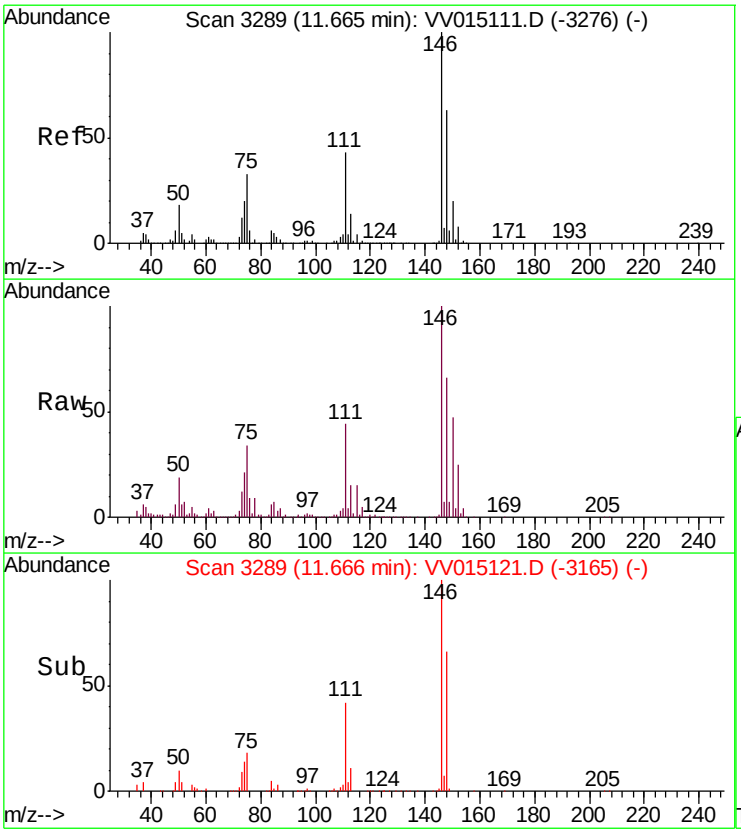
#63
1,4-Dichlorobenzene
Concen: 89.353 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV015121.D
Acq: 24 Mar 2020 14:12

Instrument :
MSVOA_V
ClientSampleId :
C0DD5

Tgt Ion:146 Resp: 1041823

Ion	Ratio	Lower	Upper
146	100		
111	40.0	28.2	52.4
148	63.5	44.9	83.5

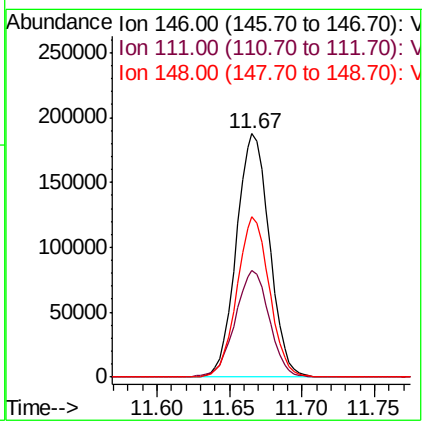


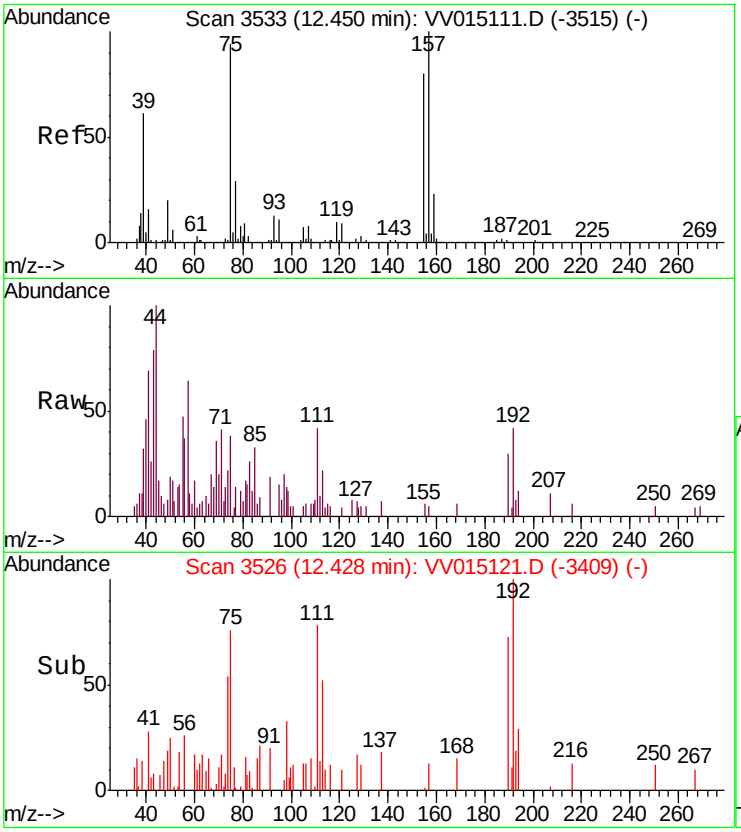


#65
1,2-Dichlorobenzene
Concen: 24.704 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV015121.D
Acq: 24 Mar 2020 14:12

Tgt Ion:146 Resp: 296943

Ion	Ratio	Lower	Upper
146	100		
111	44.0	35.2	52.8
148	65.6	50.6	75.8



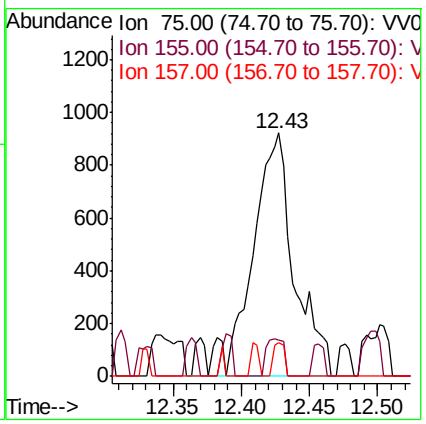


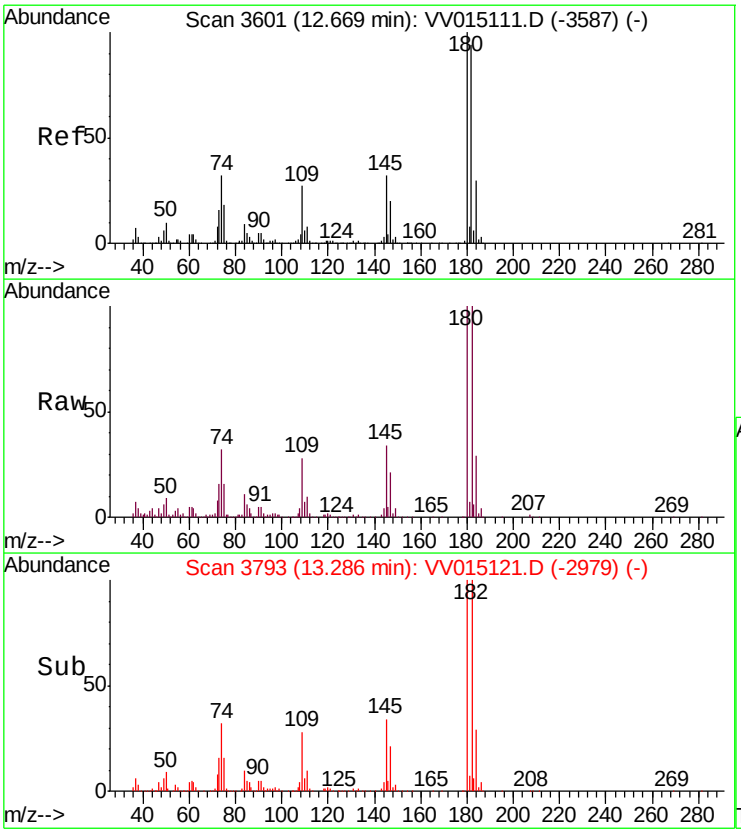
#66
1,2-Dibromo-3-chloropropane
Concen: 0.763 ug/L
RT: 12.43 min Scan# 3526
Delta R.T. -0.02 min
Lab File: VV015121.D
Acq: 24 Mar 2020 14:12

Instrument : MSVOA_V
ClientSampleId : C0DD5

Tgt Ion: 75 Resp: 2041

Ion	Ratio	Lower	Upper
75	100		
155	15.1	65.2	97.8#
157	13.9	83.3	124.9#

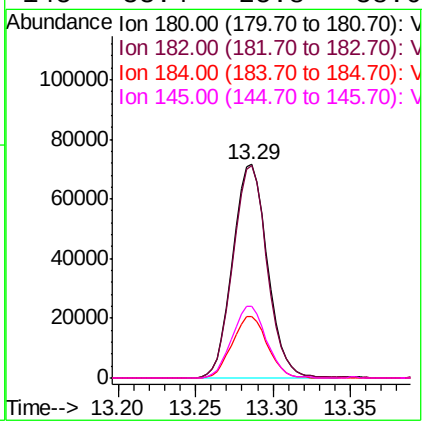


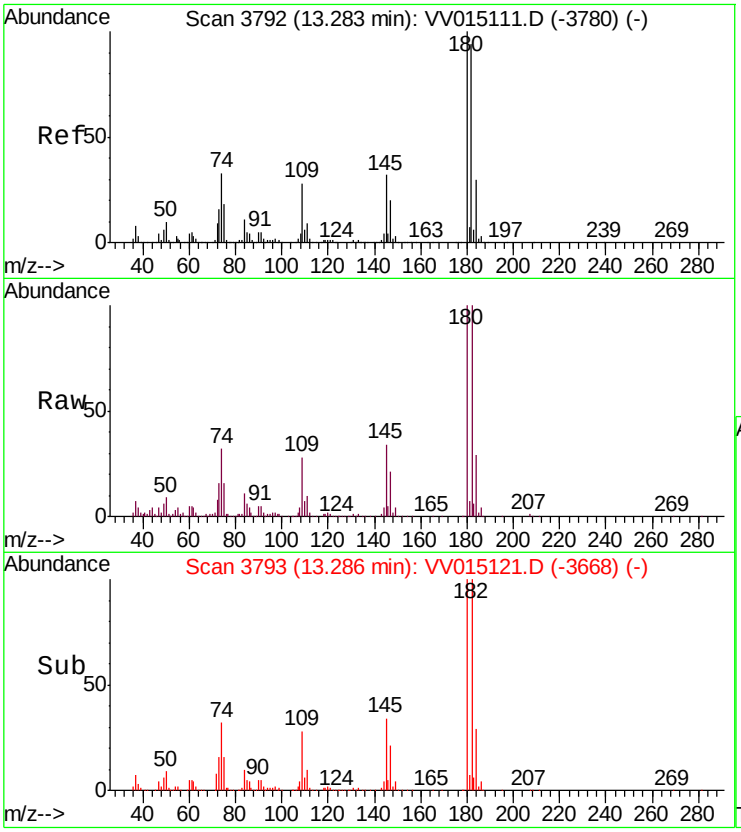


#67
1,3,5-Trichlorobenzene
Concen: 14.151 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.62 min
Lab File: VV015121.D
Acq: 24 Mar 2020 14:12

Tgt Ion:180 Resp: 111834

Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.9	113.9
184	29.2	23.7	35.5
145	33.4	25.8	38.6



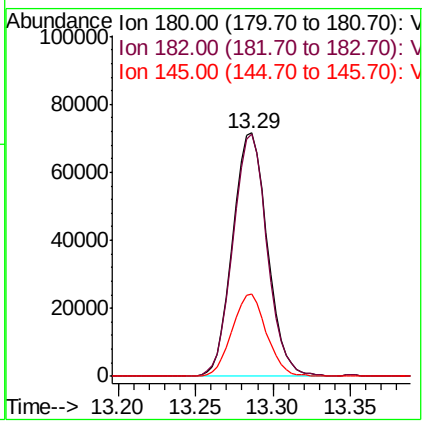


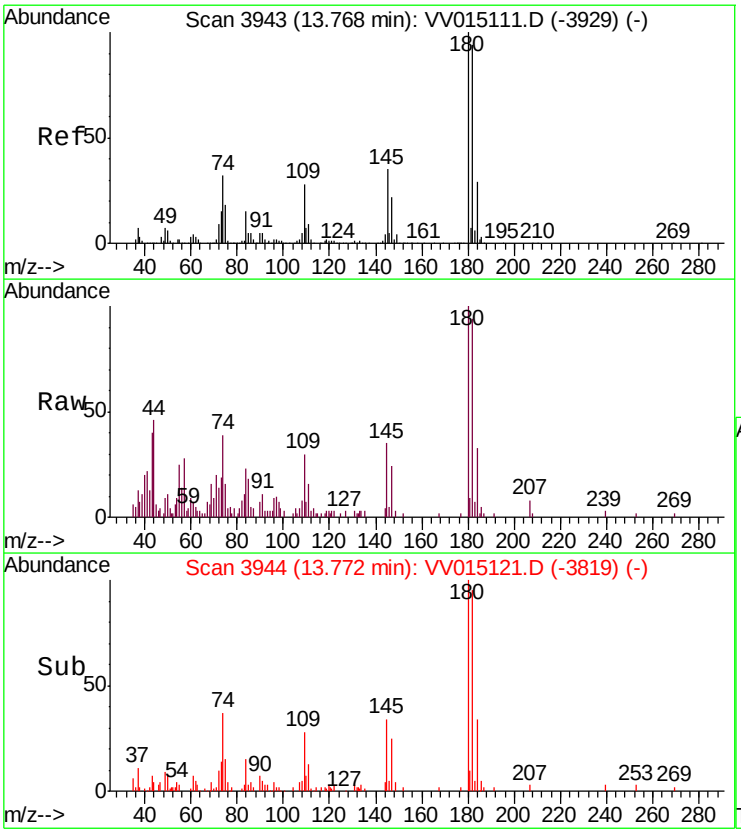
#68
1,2,4-trichlorobenzene
Concen: 14.900 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.00 min
Lab File: VV015121.D
Acq: 24 Mar 2020 14:12

Instrument :
MSVOA_V
ClientSampleId :
C0DD5

Tgt Ion:180 Resp: 111834

Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.5	113.3
145	33.4	26.4	39.6





#70
1,2,3-Trichlorobenzene
Concen: 1.316 ug/L
RT: 13.77 min Scan# 3944
Delta R.T. 0.00 min
Lab File: VV015121.D
Acq: 24 Mar 2020 14:12

Tgt Ion:180 Resp: 10173

Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.6	115.0
145	35.8	27.8	41.6