Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021720\

Quantitation Report (Not Reviewed)

Data File : VV014593.D
Acq On : 17 Feb 2020 15:09
Operator : SY/MD
Sample : VV0217MBL05
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK212

Quant Time: Feb 18 06:44:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM021720W.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 18 06:41:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	294170	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	269532	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	132151	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46606	47.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.16%			
7) Chloroethane-d5	1.58	69	36178	48.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.48%			
11) 1,1-Dichloroethene-d2	2.21	63	261	0.14	ug/L	0.08
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.28%#			
21) 2-Butanone-d5	3.92	46	98255	103.06	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.06%			
24) Chloroform-d	4.39	84	159729	49.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.88%			
26) 1,2-Dichloroethane-d4	5.07	65	103235	50.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.86%			
32) Benzene-d6	5.09	84	324367	52.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.16%			
36) 1,2-Dichloropropane-d6	6.11	67	97782	52.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.90%			
41) Toluene-d8	7.35	98	302656	51.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.10%			
43) trans-1,3-Dichloropropene-	7.66	79	53875	51.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.90%			
47) 2-Hexanone-d5	8.13	63	76766	104.26	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.26%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	137404	52.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.68%			
66) 1,2-Dichlorobenzene-d4	11.67	152	119226	53.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.06%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	835	0.850	ug/L #	15
12) 1,1-Dichloroethene	2.13	96	575	0.621	ug/L #	1
39) cis-1,3-Dichloropropene	7.02	75	3355	1.120	ug/L #	80
44) trans-1,3-Dichloropropene	7.65	75	2608	0.935	ug/L #	80
60) Isopropylbenzene	9.98	105	177	0.021	ug/L #	82
61) 1,2,3-Trichloropropane	10.15	75	43	0.020	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.58	105	164	0.023	ug/L #	20
63) 1,2,4-Trimethylbenzene	10.96	105	260	0.037	ug/L #	74

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

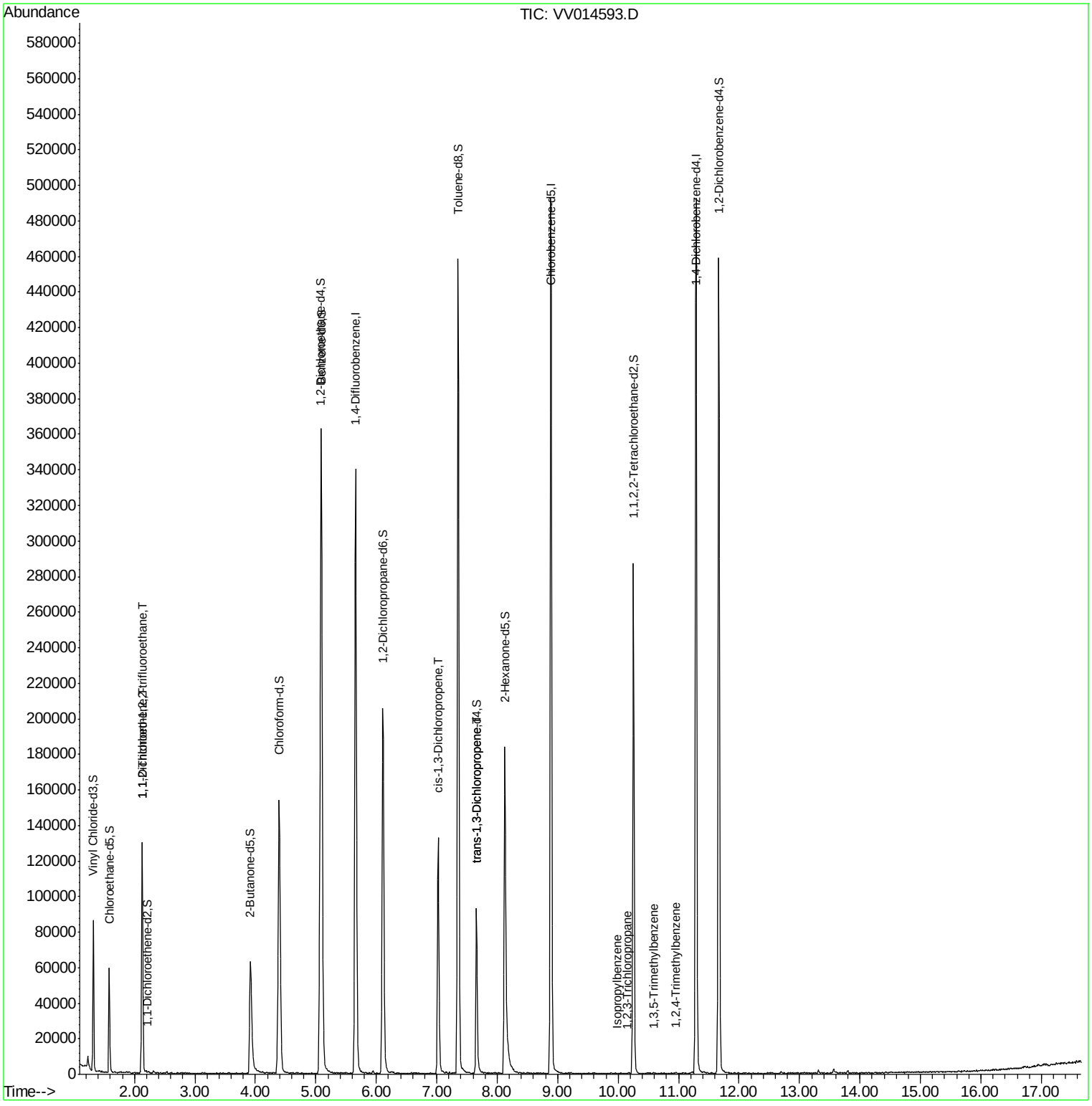
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021720\

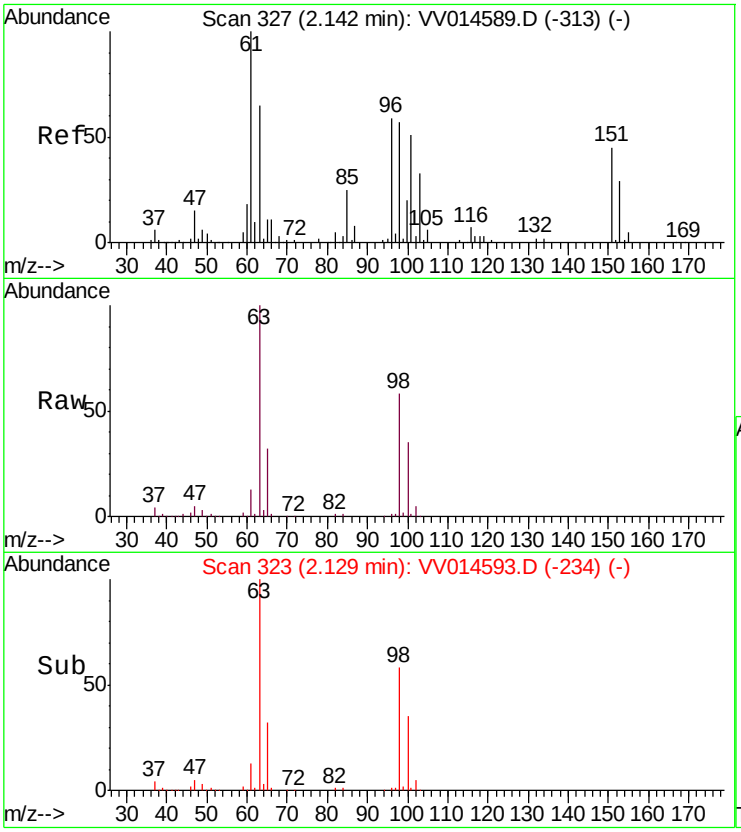
Quantitation Report (Not Reviewed)

Data File : VV014593.D
Acq On : 17 Feb 2020 15:09
Operator : SY/MD
Sample : VV0217MBL05
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK212

Quant Time: Feb 18 06:44:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM021720W.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 18 06:41:33 2020
Response via : Initial Calibration



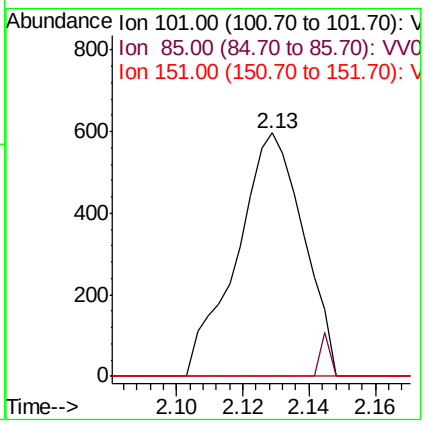


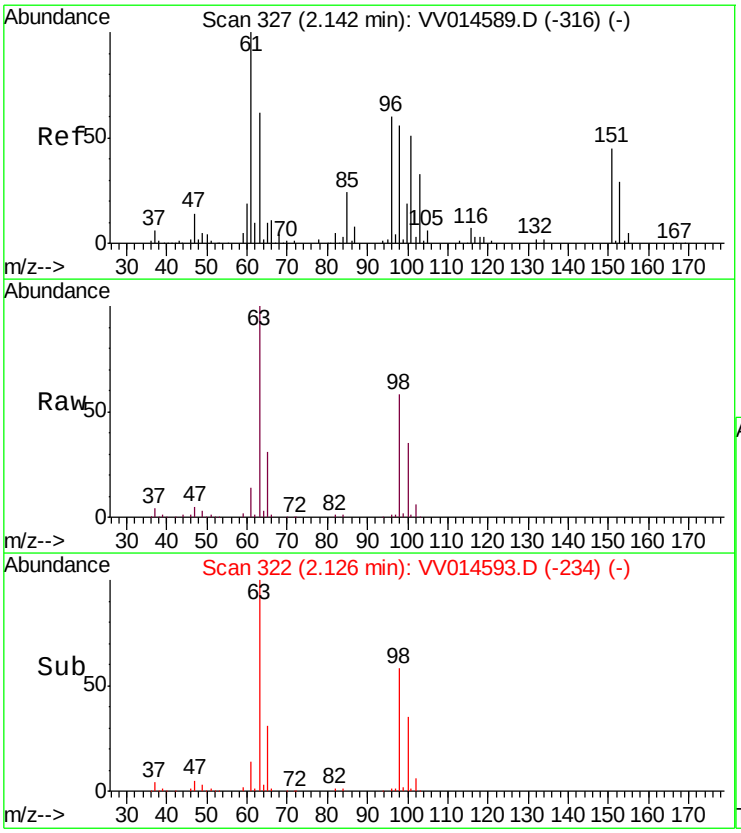
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.850 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV014593.D
Acq: 17 Feb 2020 15:09

Instrument :
MSVOA_V
ClientSampleId :
VBLK212

Tgt Ion:101 Resp: 835

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.9	56.9#
151	0.0	67.7	101.5#

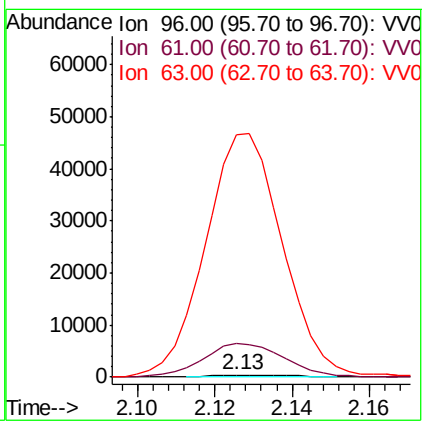


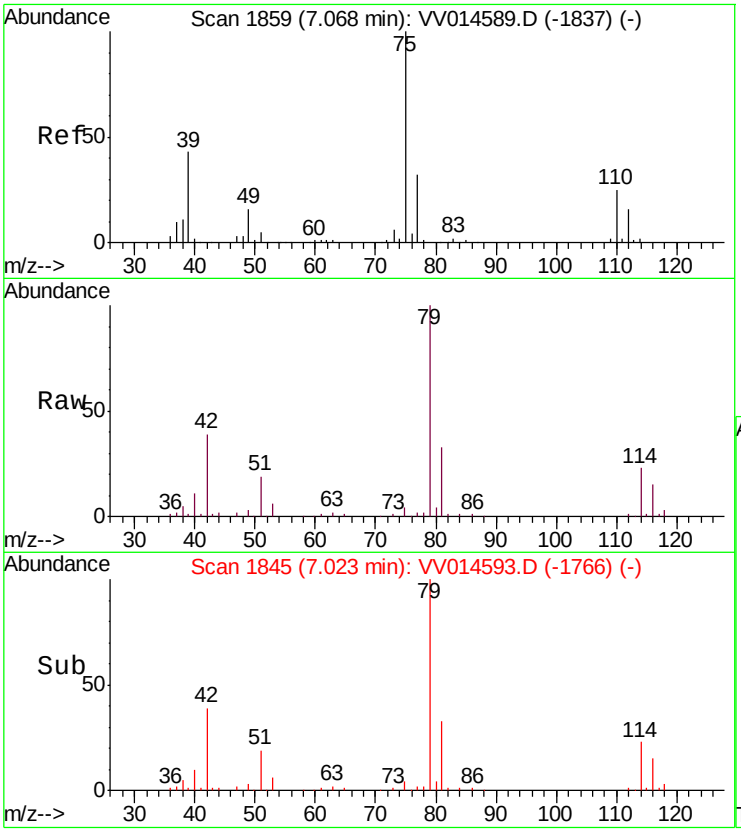


#12
1,1-Dichloroethene
Concen: 0.621 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.02 min
Lab File: VV014593.D
Acq: 17 Feb 2020 15:09

Tgt Ion: 96 Resp: 575

Ion	Ratio	Lower	Upper
96	100		
61	1741.5	118.3	219.7#
63	12596.2	77.5	143.9#



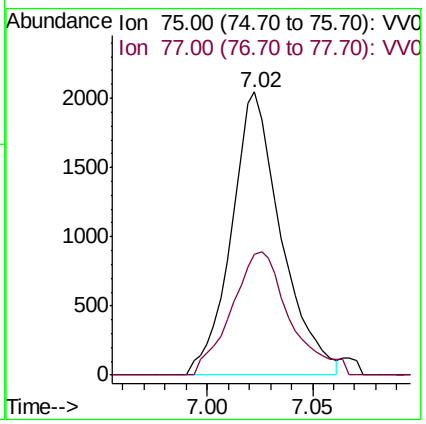


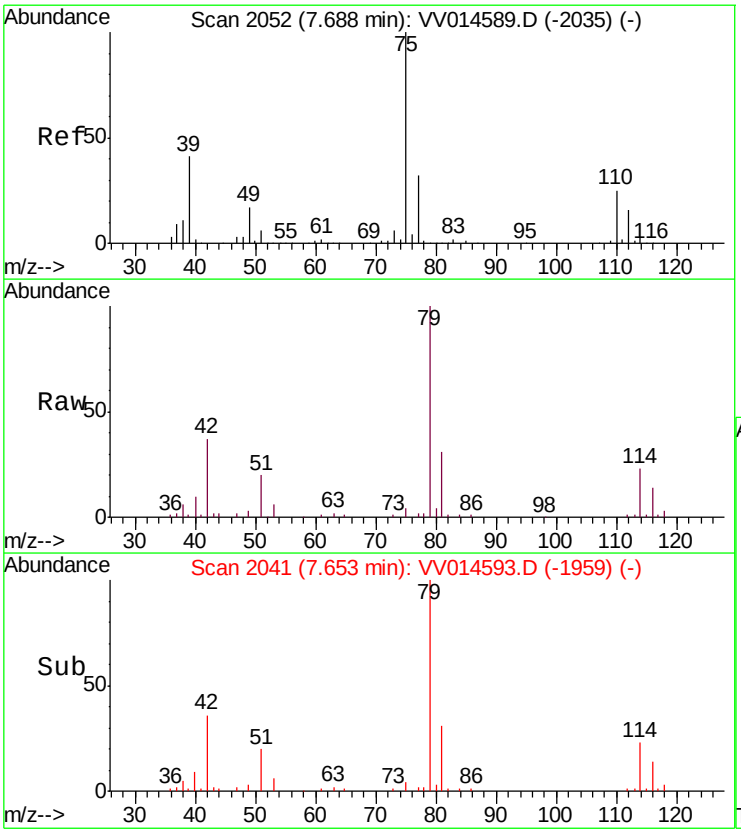
#39
cis-1,3-Dichloropropene
Concen: 1.120 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VV014593.D
Acq: 17 Feb 2020 15:09

Instrument :
MSVOA_V
ClientSampleId :
VBLK212

Tgt Ion: 75 Resp: 3355

Ion	Ratio	Lower	Upper
75	100		
77	42.8	22.3	41.5#

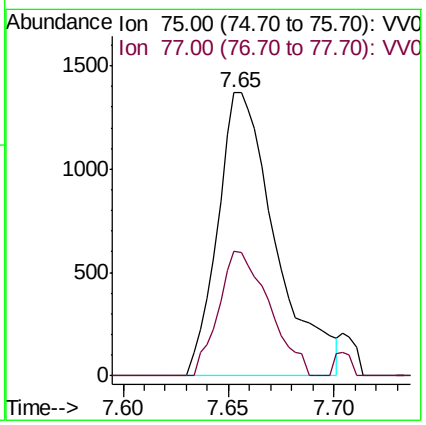


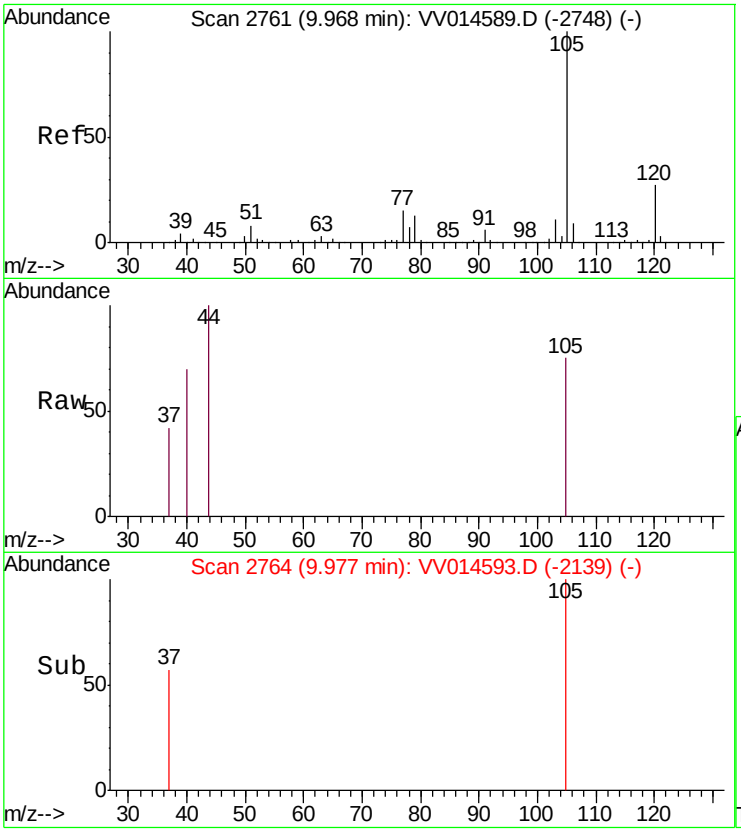


#44
trans-1,3-Dichloropropene
Concen: 0.935 ug/L
RT: 7.65 min Scan# 2041
Delta R.T. -0.04 min
Lab File: VV014593.D
Acq: 17 Feb 2020 15:09

Tgt Ion: 75 Resp: 2608

Ion	Ratio	Lower	Upper
75	100		
77	43.8	22.7	42.1#



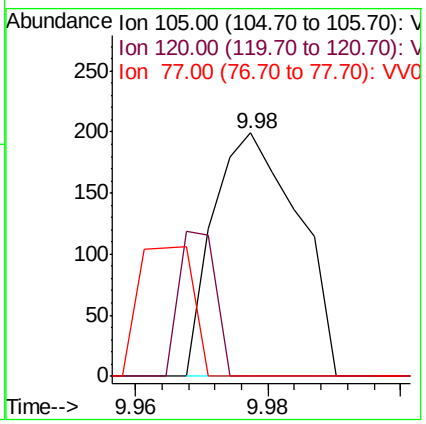


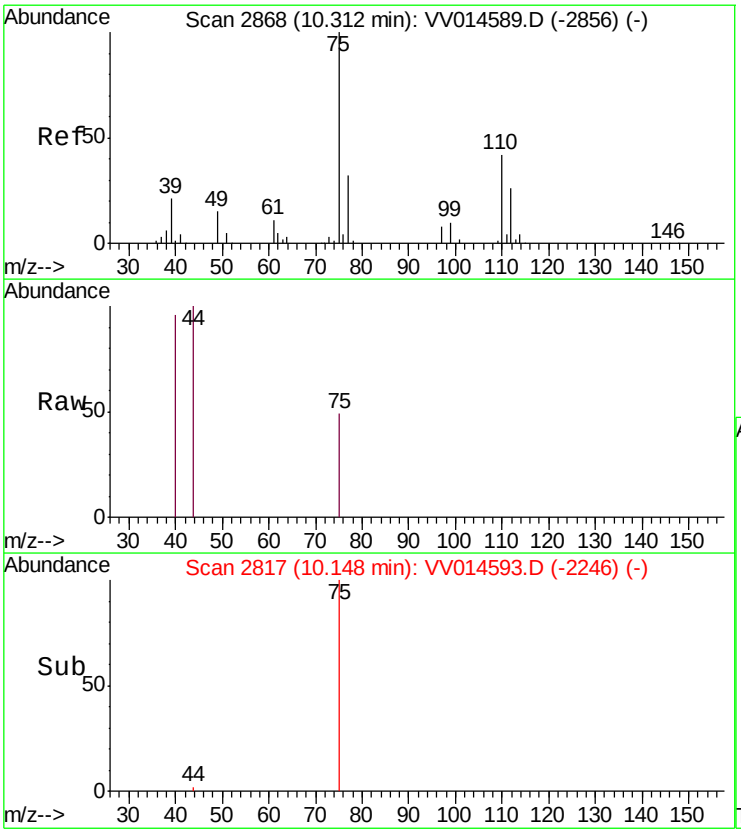
#60
Isopropylbenzene
Concen: 0.021 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.01 min
Lab File: VV014593.D
Acq: 17 Feb 2020 15:09

Instrument :
MSVOA_V
ClientSampleId :
VBLK212

Tgt Ion:105 Resp: 177

Ion	Ratio	Lower	Upper
105	100		
120	25.4	21.4	32.0
77	34.5	12.2	18.2#

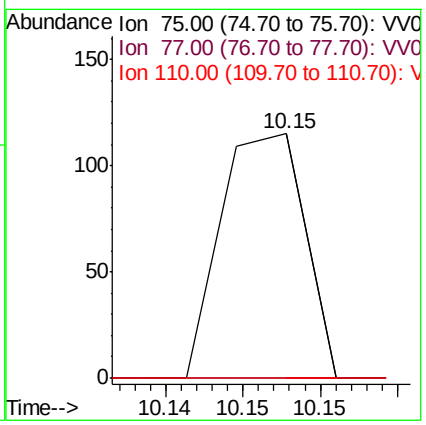


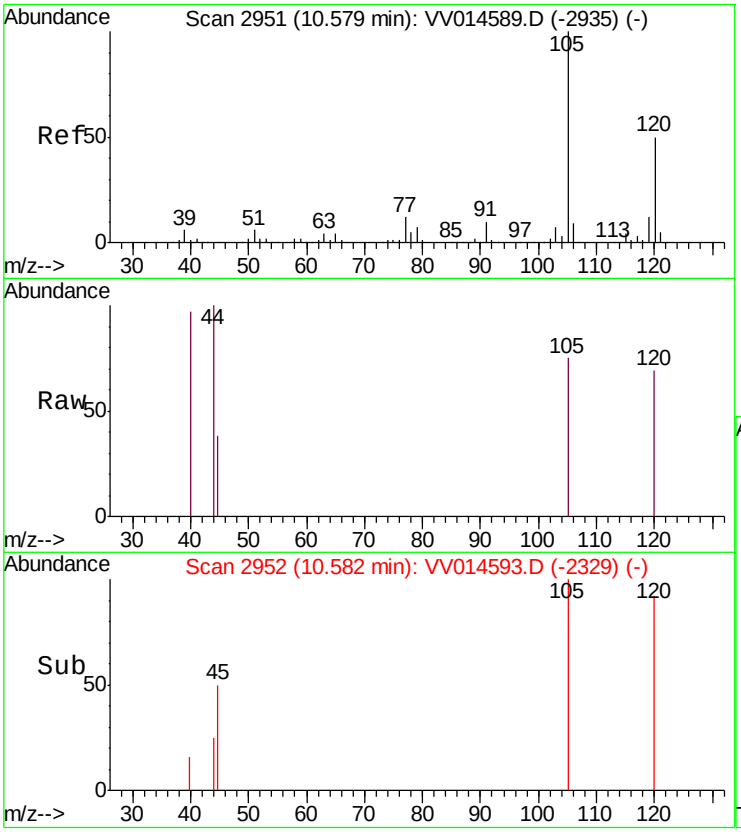


#61
1,2,3-Trichloropropane
Concen: 0.020 ug/L
RT: 10.15 min Scan# 2817
Delta R.T. -0.16 min
Lab File: VV014593.D
Acq: 17 Feb 2020 15:09

Tgt Ion: 75 Resp: 43

Ion	Ratio	Lower	Upper
75	100		
77	141.9	25.6	38.4#
110	0.0	33.4	50.0#



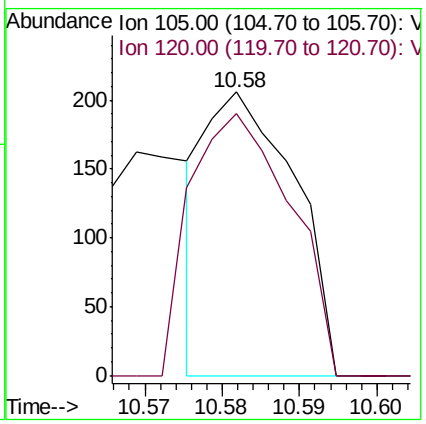


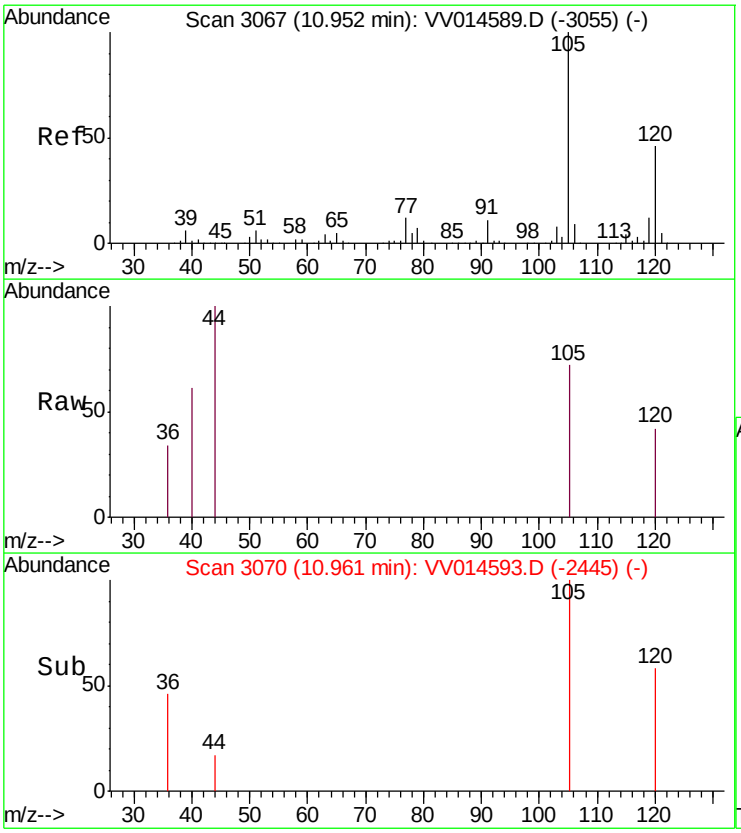
#62
1,3,5-Trimethylbenzene
Concen: 0.023 ug/L
RT: 10.58 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VV014593.D
Acq: 17 Feb 2020 15:09

Instrument :
MSVOA_V
ClientSampleId :
VBLK212

Tgt Ion:105 Resp: 164

Ion	Ratio	Lower	Upper
105	100		
120	104.9	39.8	59.6#





#63
1,2,4-Trimethylbenzene
Concen: 0.037 ug/L
RT: 10.96 min Scan# 3070
Delta R.T. 0.01 min
Lab File: VV014593.D
Acq: 17 Feb 2020 15:09

Tgt Ion:105 Resp: 260

Ion	Ratio	Lower	Upper
105	100		
120	28.8	36.6	55.0#