Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110420\
Data File : VV019230.D
Acq On : 03 Nov 2020 12:26
Operator : SY/MD
Sample : VV1104MBL02
Misc : 5.0g/5.0mL/100uL/5.1mL/MSVOA_V/MEOH
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK311

Quant Time: Nov 04 07:13:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 07:03:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	243027	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	234811	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	120919	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	86749	46.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.50%			
7) Chloroethane-d5	1.58	69	74323	50.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.14%			
11) 1,1-Dichloroethene-d2	2.12	63	138281	39.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.64%			
21) 2-Butanone-d5	3.91	46	109468	105.85	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.85%			
24) Chloroform-d	4.38	84	166891	47.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.10%			
26) 1,2-Dichloroethane-d4	5.05	65	119193	48.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.46%			
32) Benzene-d6	5.07	84	320871	49.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.98%			
36) 1,2-Dichloropropane-d6	6.09	67	96033	49.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.22%			
41) Toluene-d8	7.34	98	296257	49.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.10%			
43) trans-1,3-Dichloropropene-	7.64	79	52768	48.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.28%			
47) 2-Hexanone-d5	8.11	63	71403	95.01	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.01%			
56) 1,1,2,2-Tetrachloroethane-	10.23	84	118420	45.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.82%			
66) 1,2-Dichlorobenzene-d4	11.65	152	122472	50.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.26%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.12	101	1176	0.440	ug/L #	38
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1176	0.926	ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1094	0.834	ug/L #	1
33) Benzene	5.07	78	2562	0.439	ug/L	100
35) Methylcyclohexane	6.09	83	24263	12.640	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12454	7.997	ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	3701	1.485	ug/L #	77
44) trans-1,3-Dichloropropene	7.64	75	2511	0.983	ug/L	91
60) Isopropylbenzene	9.96	105	41	0.006	ug/L #	54
61) 1,2,3-Trichloropropane	11.21	75	49	0.026	ug/L #	38
62) 1,3,5-Trimethylbenzene	10.57	105	121	0.023	ug/L #	29
63) 1,2,4-Trimethylbenzene	10.95	105	308	0.060	ug/L #	31

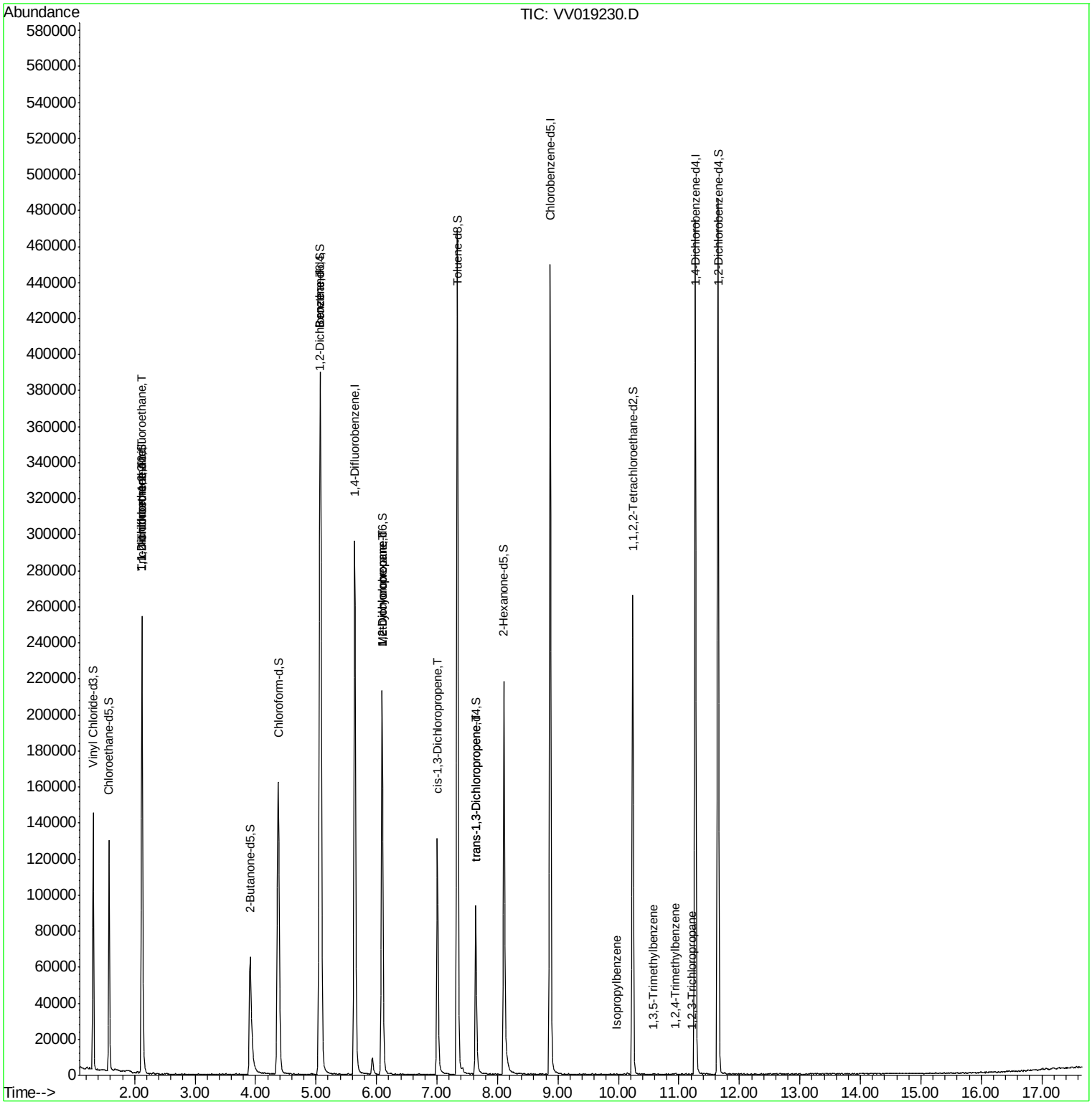
(#) = qualifier out of range (m) = manual integration (+) = signals summed

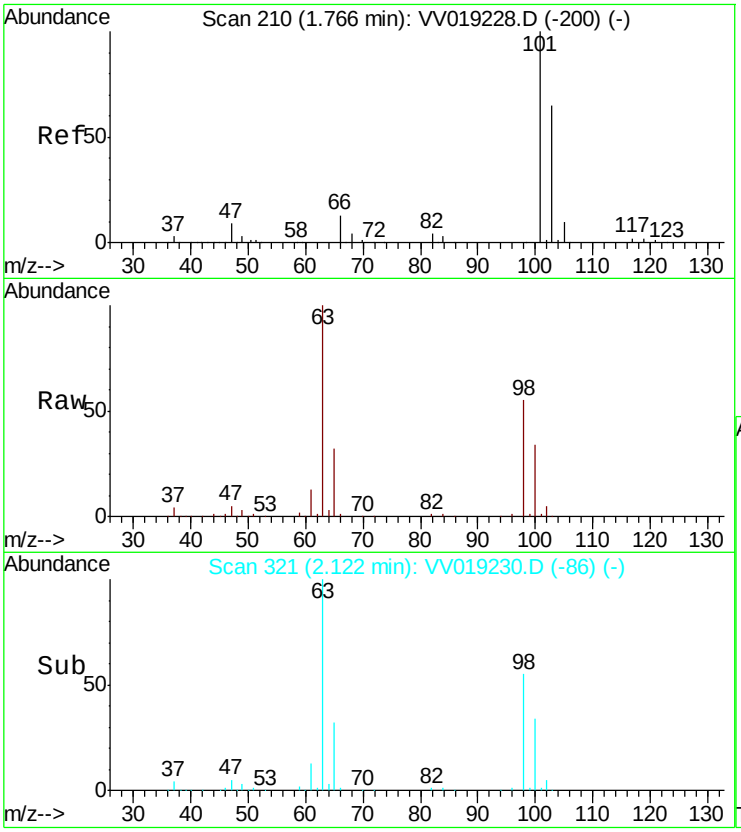
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110420\
Data File : VV019230.D
Acq On : 03 Nov 2020 12:26
Operator : SY/MD
Sample : VV1104MBL02
Misc : 5.0g/5.0mL/100uL/5.1mL/MSVOA_V/MEOH
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK311

Quant Time: Nov 04 07:13:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 07:03:57 2020
Response via : Initial Calibration



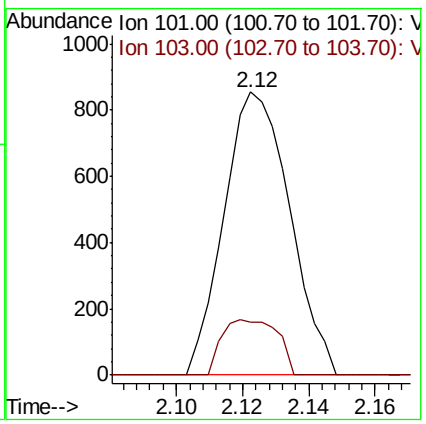


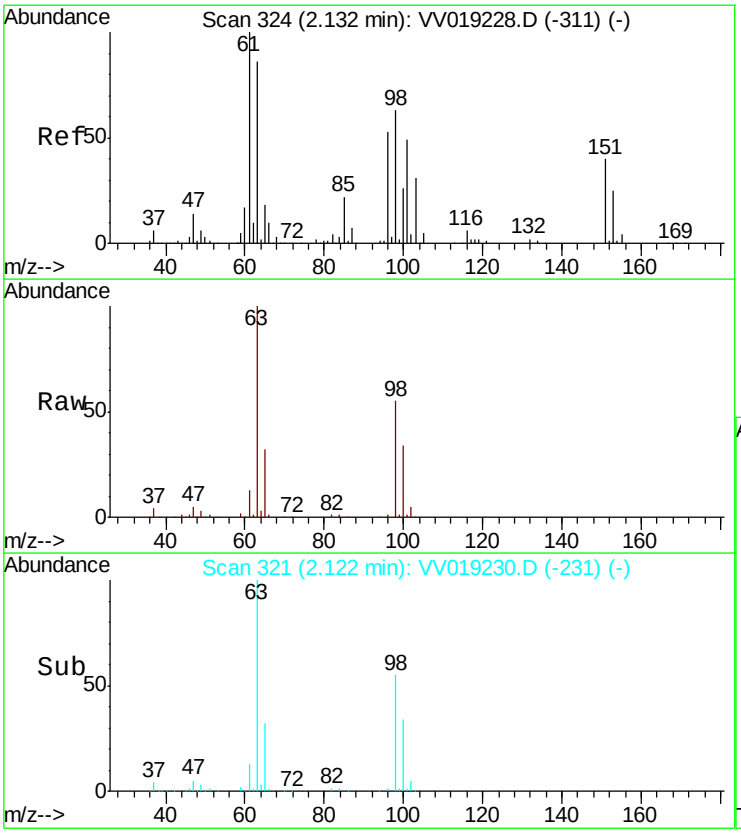
#9
Trichlorofluoromethane
Concen: 0.440 ug/L
RT: 2.12 min Scan# 321
Delta R.T. 0.36 min
Lab File: VV019230.D
Acq: 03 Nov 2020 12:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK311

Tgt Ion:101 Resp: 1176

Ion	Ratio	Lower	Upper
101	100		
103	16.4	52.3	78.5#

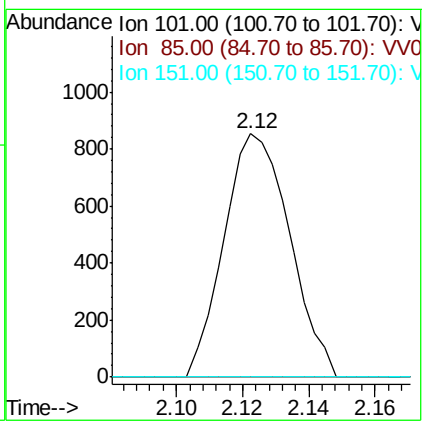


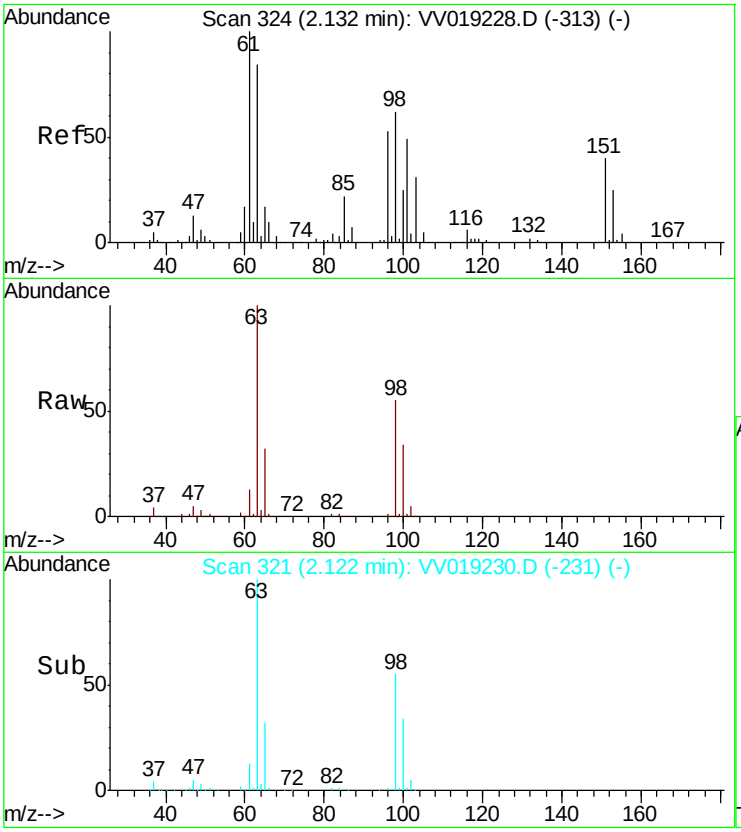


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.926 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV019230.D
Acq: 03 Nov 2020 12:26

Tgt Ion:101 Resp: 1176

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	64.1	96.1#



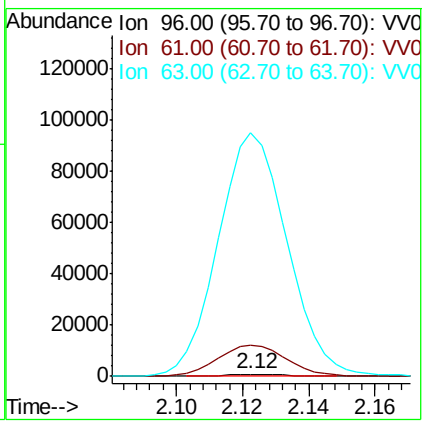


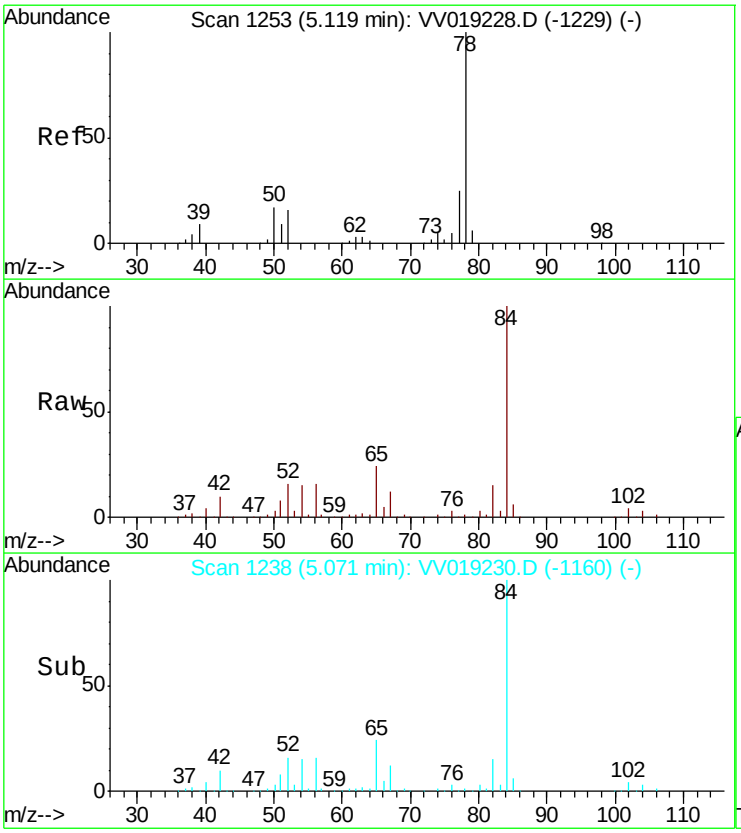
#12
1,1-Dichloroethene
Concen: 0.834 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV019230.D
Acq: 03 Nov 2020 12:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK311

Tgt Ion: 96 Resp: 1094

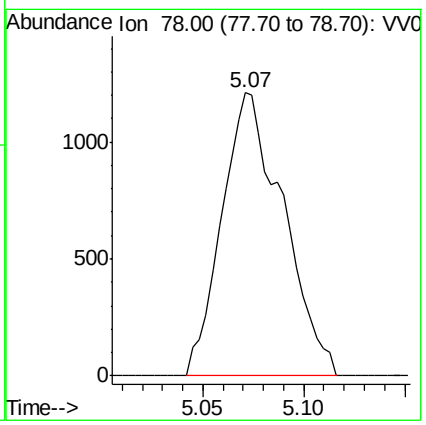
Ion	Ratio	Lower	Upper
96	100		
61	1515.7	133.6	248.0#
63	11665.3	103.0	191.2#

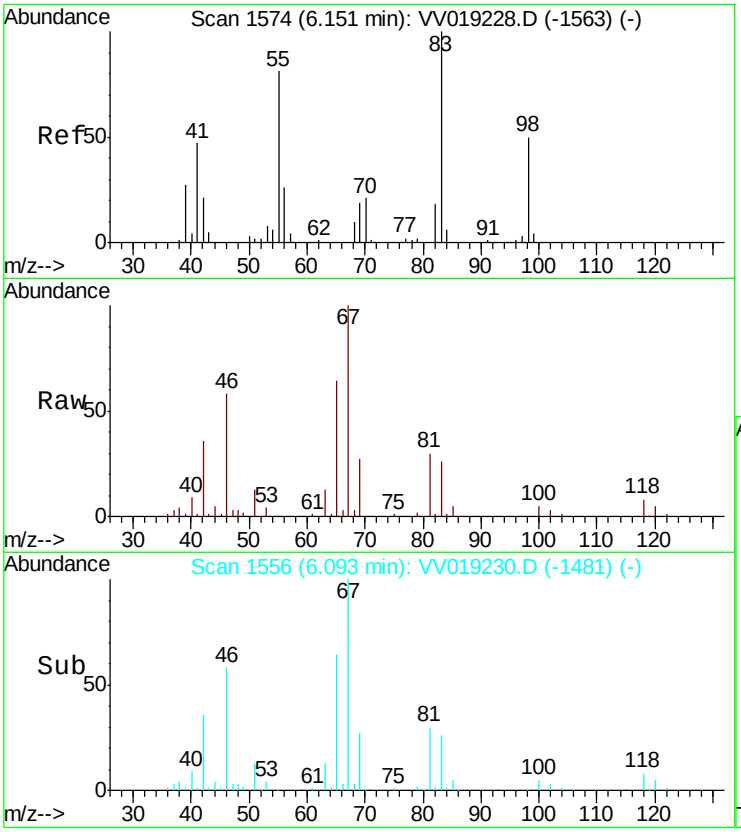




#33
Benzene
Concen: 0.439 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.05 min
Lab File: VV019230.D
Acq: 03 Nov 2020 12:26

Tgt Ion: 78 Resp: 2562



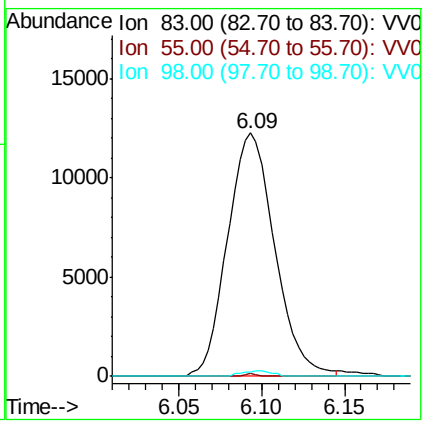


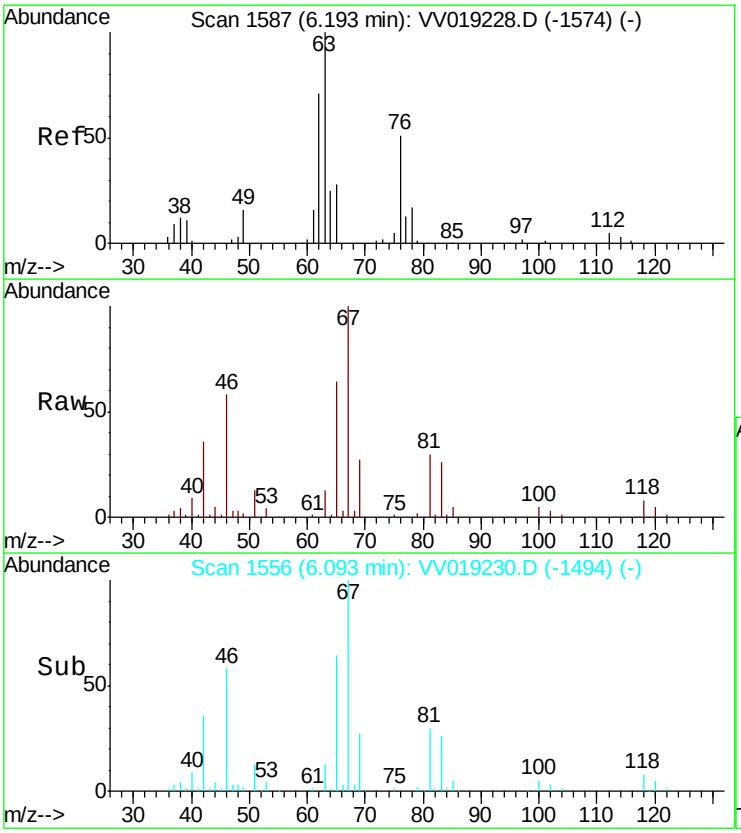
#35
Methylcyclohexane
Concen: 12.640 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019230.D
Acq: 03 Nov 2020 12:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK311

Tgt Ion: 83 Resp: 24263

Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.8	94.2#
98	1.4	38.6	58.0#

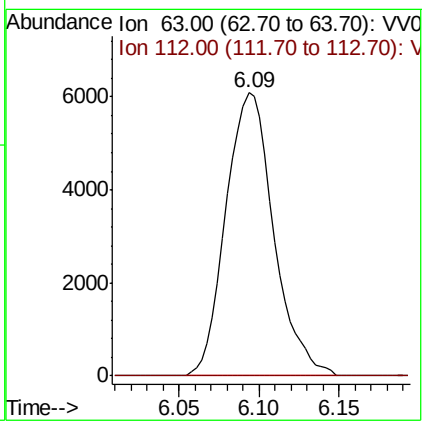


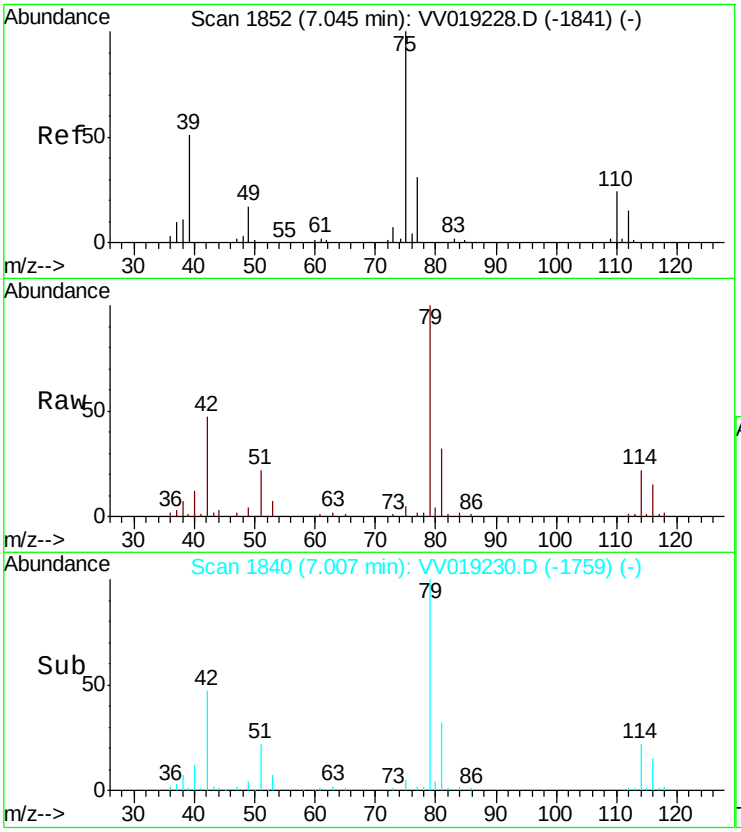


#37
1,2-Dichloropropane
Concen: 7.997 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV019230.D
Acq: 03 Nov 2020 12:26

Tgt Ion: 63 Resp: 12454

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.2#



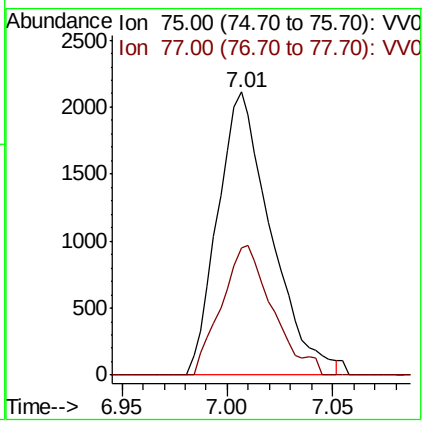


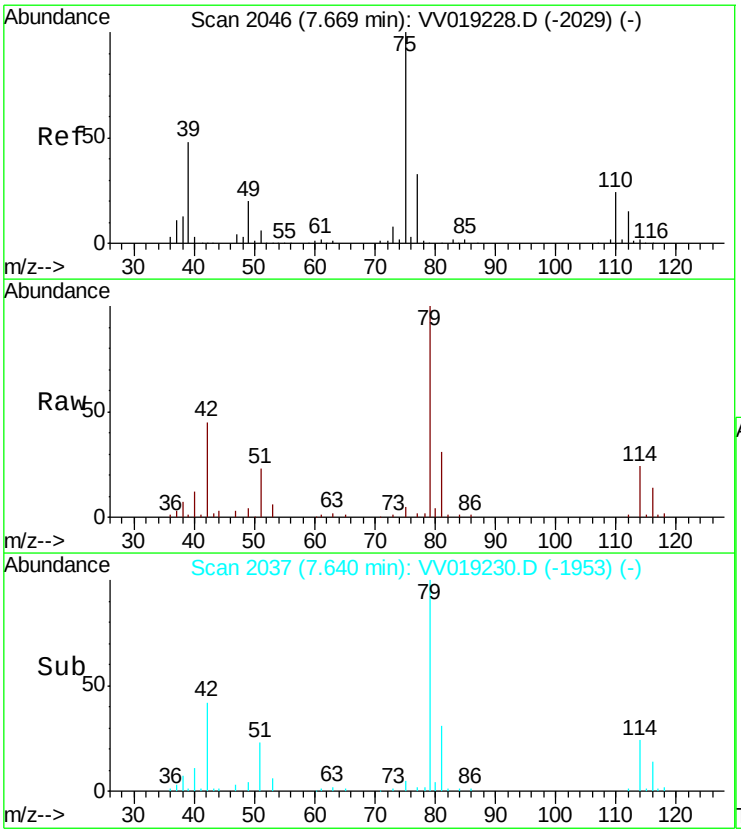
#39
cis-1,3-Dichloropropene
Concen: 1.485 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV019230.D
Acq: 03 Nov 2020 12:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK311

Tgt Ion: 75 Resp: 3701

Ion	Ratio	Lower	Upper
75	100		
77	44.7	22.2	41.2#

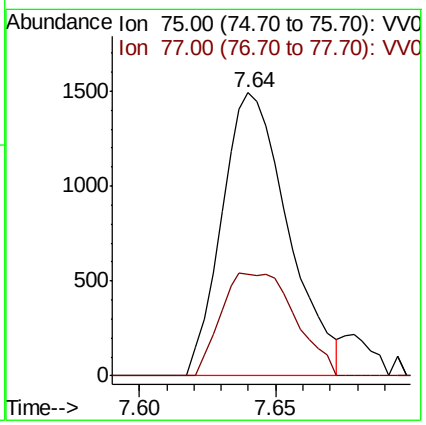


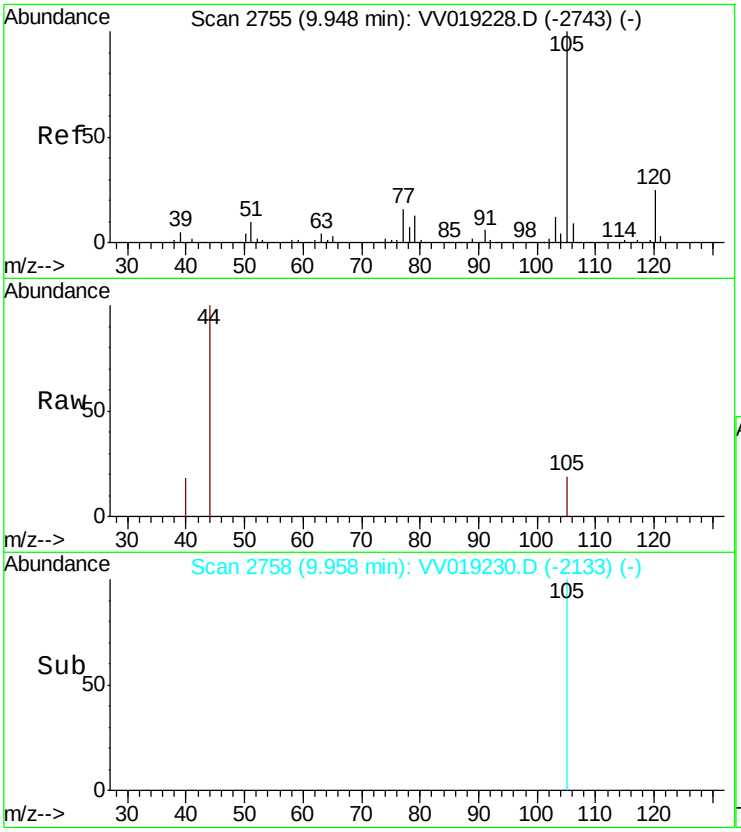


#44
trans-1,3-Dichloropropene
Concen: 0.983 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV019230.D
Acq: 03 Nov 2020 12:26

Tgt Ion: 75 Resp: 2511

Ion	Ratio	Lower	Upper
75	100		
77	35.9	21.6	40.2



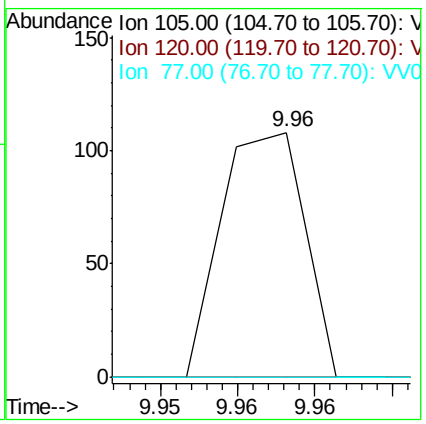


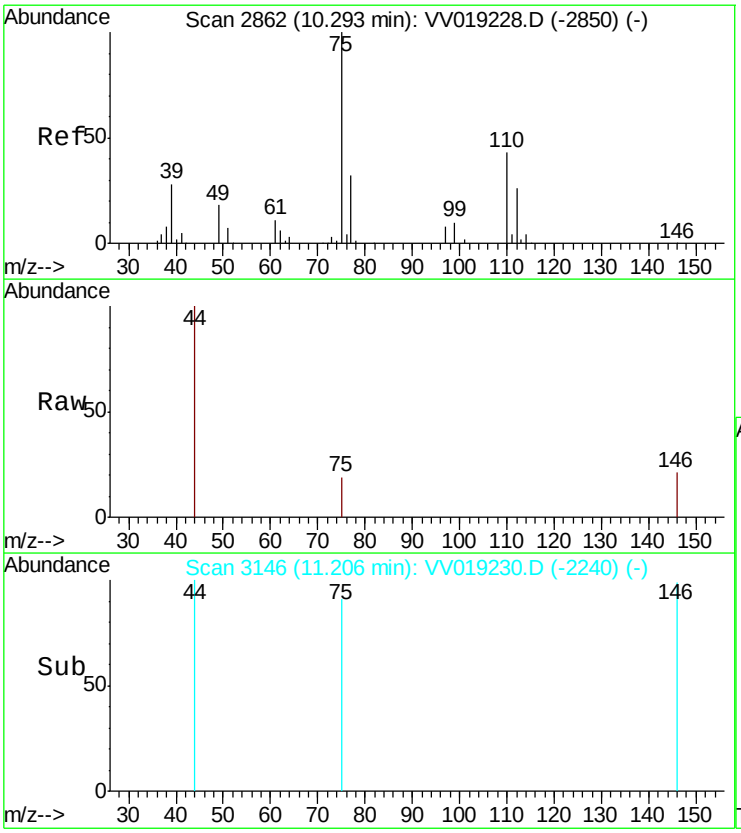
#60
Isopropylbenzene
Concen: 0.006 ug/L
RT: 9.96 min Scan# 2758
Delta R.T. 0.01 min
Lab File: VV019230.D
Acq: 03 Nov 2020 12:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK311

Tgt Ion:105 Resp: 41

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.0	31.4#
77	0.0	13.0	19.6#

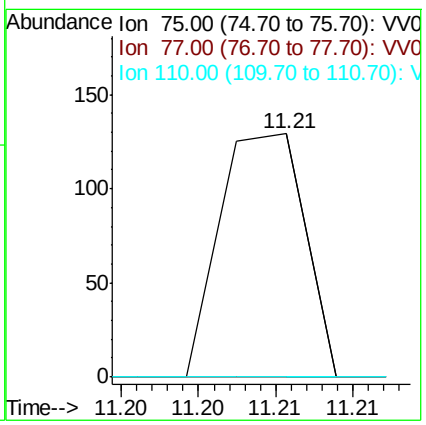


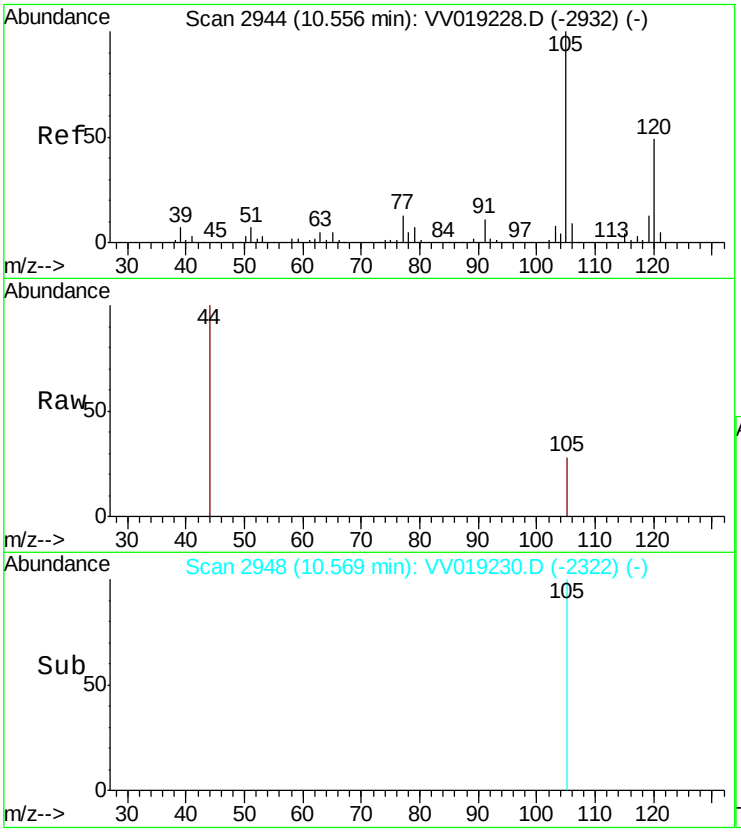


#61
1,2,3-Trichloropropane
Concen: 0.026 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.91 min
Lab File: VV019230.D
Acq: 03 Nov 2020 12:26

Tgt Ion: 75 Resp: 49

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
110	0.0	33.4	50.2#



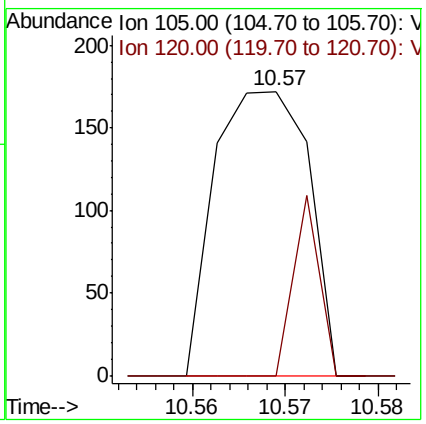


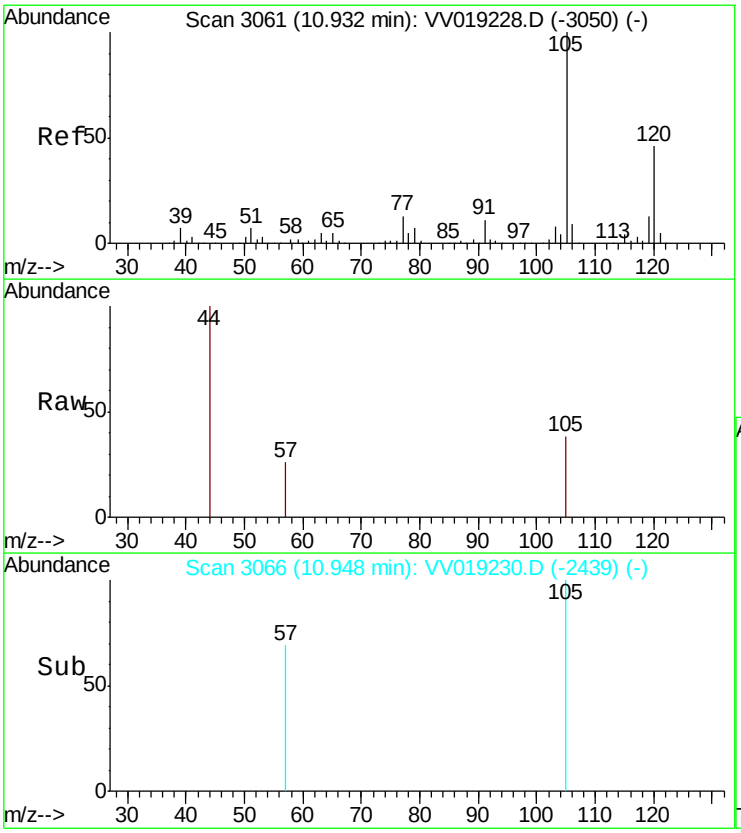
#62
1,3,5-Trimethylbenzene
Concen: 0.023 ug/L
RT: 10.57 min Scan# 2948
Delta R.T. 0.01 min
Lab File: VV019230.D
Acq: 03 Nov 2020 12:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK311

Tgt Ion:105 Resp: 121

Ion	Ratio	Lower	Upper
105	100		
120	0.0	38.3	57.5#





#63
1,2,4-Trimethylbenzene
Concen: 0.060 ug/L
RT: 10.95 min Scan# 3066
Delta R.T. 0.02 min
Lab File: VV019230.D
Acq: 03 Nov 2020 12:26

Tgt Ion:105 Resp: 308

Ion	Ratio	Lower	Upper
105	100		
120	0.0	35.7	53.5#