Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021020\
Data File : VV014544.D
Acq On : 10 Feb 2020 12:11
Operator : SY/MD
Sample : VV0210WBL05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Feb 11 04:45:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 11 04:43:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	339200	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	312012	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	159032	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	73404	39.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.82%			
7) Chloroethane-d5	1.59	69	53217	41.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.96%			
11) 1,1-Dichloroethene-d2	2.13	63	92234	33.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.04%			
21) 2-Butanone-d5	3.92	46	133706	94.16	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.16%			
24) Chloroform-d	4.40	84	200727	47.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.78%			
26) 1,2-Dichloroethane-d4	5.08	65	128247	50.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.24%			
32) Benzene-d6	5.10	84	426637	49.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.76%			
36) 1,2-Dichloropropane-d6	6.11	67	129170	48.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.52%			
41) Toluene-d8	7.36	98	396096	49.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.58%			
43) trans-1,3-Dichloropropene-	7.66	79	70562	49.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.34%			
47) 2-Hexanone-d5	8.13	63	113346	100.57	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.57%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	175200	50.93	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.86%			
66) 1,2-Dichlorobenzene-d4	11.67	152	153842	50.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.88%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	929	0.682	ug/L #	17
12) 1,1-Dichloroethene	2.14	96	878	0.673	ug/L #	1
13) Acetone	2.19	43	2945	2.477	ug/L	98
16) Methylene chloride	2.54	84	1228	0.496	ug/L	82
33) Benzene	5.10	78	3513	0.383	ug/L	100
35) Methylcyclohexane	6.11	83	31994	8.052	ug/L #	19
44) trans-1,3-Dichloropropene	7.66	75	2814	0.805	ug/L	86
48) 2-Hexanone	8.13	43	11905	5.122	ug/L #	74
60) Isopropylbenzene	9.97	105	298	0.028	ug/L #	61
61) 1,2,3-Trichloropropane	11.29	75	17510	6.217	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.96	105	210	0.023	ug/L	88
63) 1,2,4-Trimethylbenzene	10.95	105	125	0.014	ug/L #	31

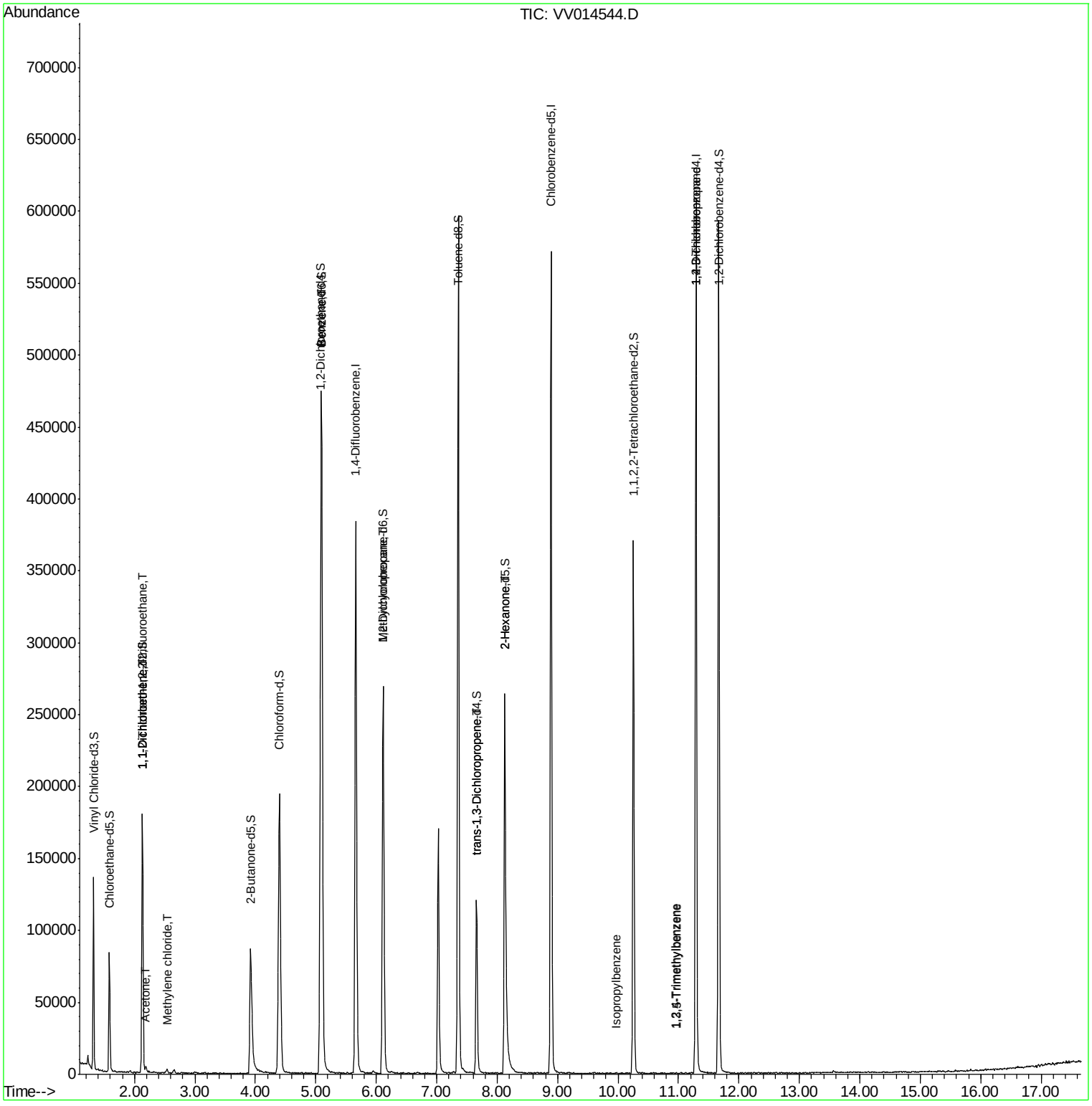
(#) = qualifier out of range (m) = manual integration (+) = signals summed

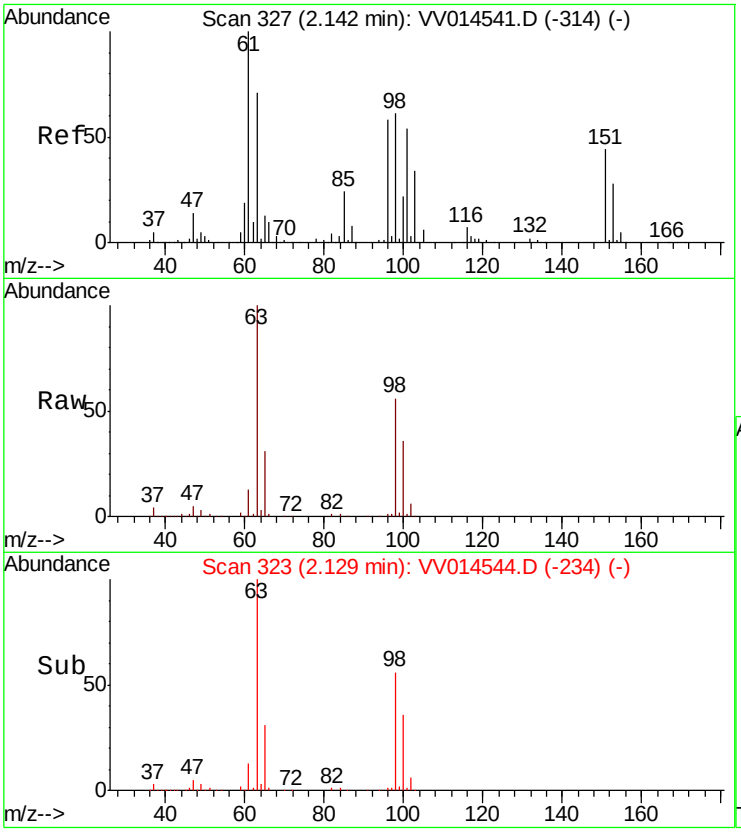
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021020\
Data File : VV014544.D
Acq On : 10 Feb 2020 12:11
Operator : SY/MD
Sample : VV0210WBL05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 11 04:45:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 11 04:43:03 2020
Response via : Initial Calibration



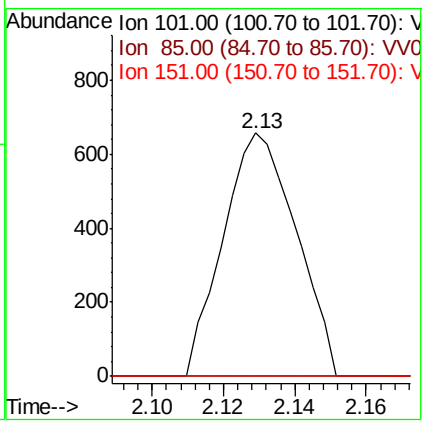


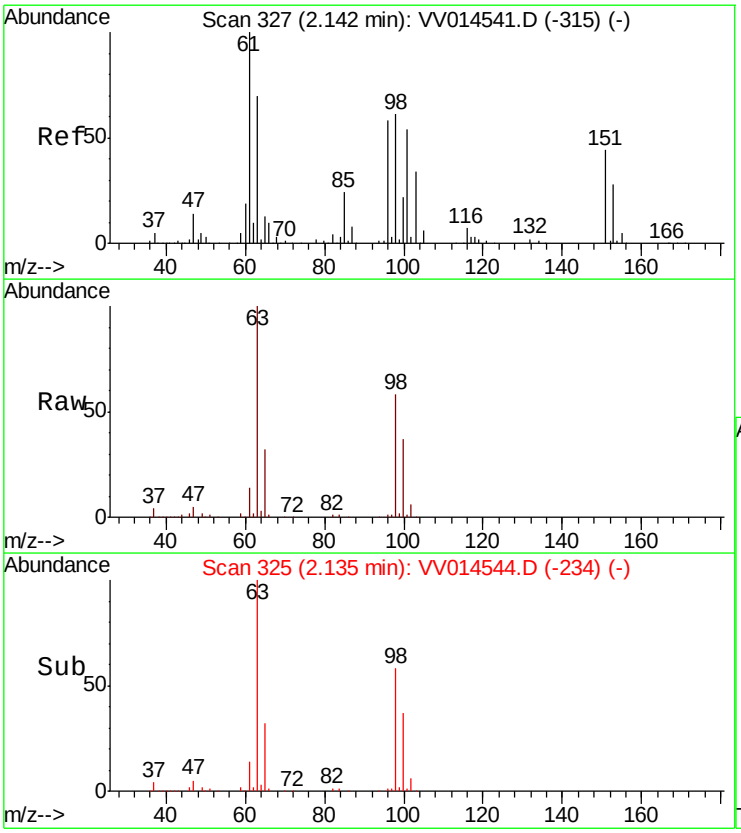
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.682 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV014544.D
Acq: 10 Feb 2020 12:11

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 929

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.0	52.6#
151	0.0	64.4	96.6#

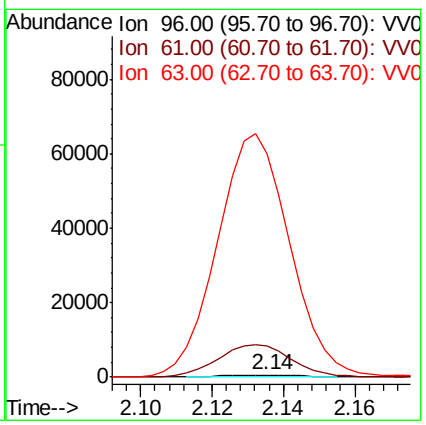


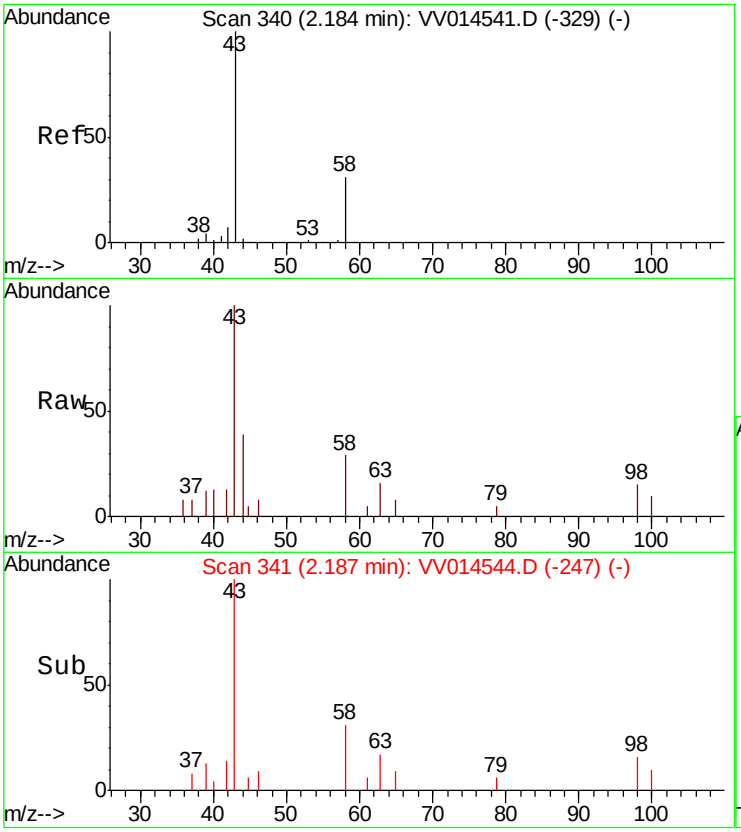


#12
1,1-Dichloroethene
Concen: 0.673 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV014544.D
Acq: 10 Feb 2020 12:11

Tgt Ion: 96 Resp: 878

Ion	Ratio	Lower	Upper
96	100		
61	1428.4	125.0	232.2#
63	10369.6	101.6	188.6#



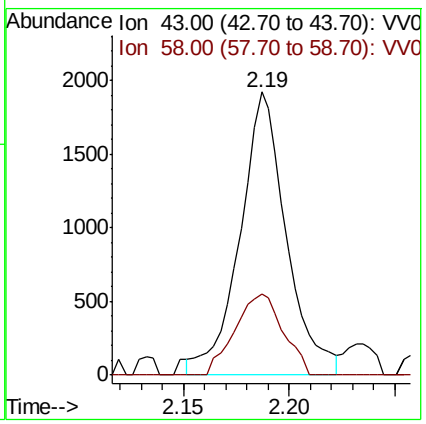


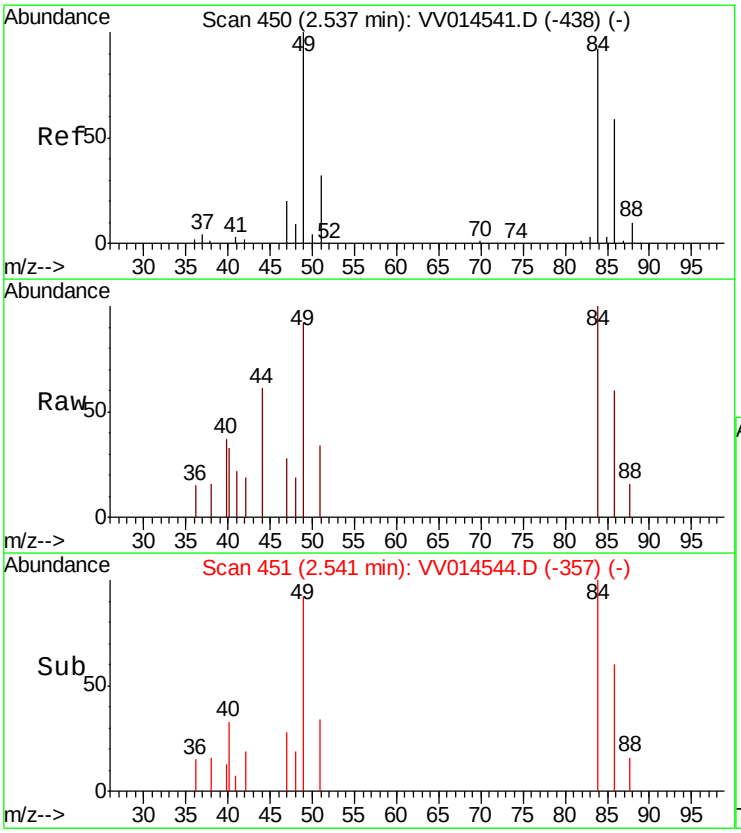
#13
Acetone
Concen: 2.477 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV014544.D
Acq: 10 Feb 2020 12:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 2945

Ion	Ratio	Lower	Upper
43	100		
58	29.6	0.0	61.8

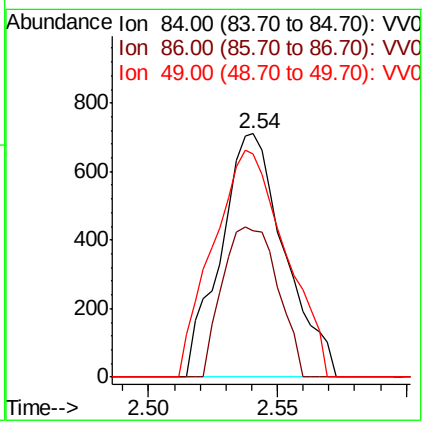


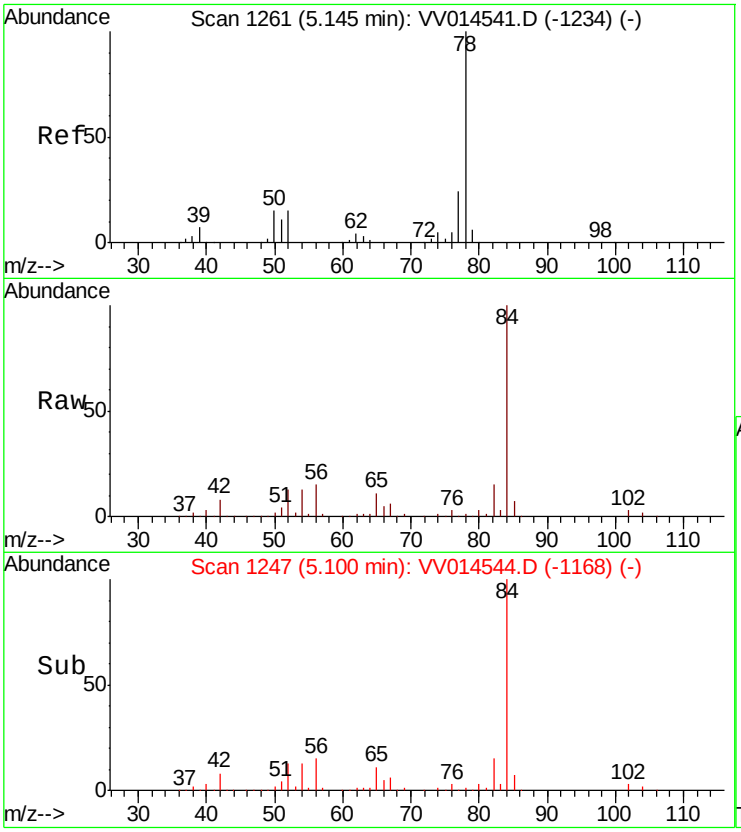


#16
Methylene chloride
Concen: 0.496 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV014544.D
Acq: 10 Feb 2020 12:11

Tgt Ion: 84 Resp: 1228

Ion	Ratio	Lower	Upper
84	100		
86	60.3	44.6	82.8
49	91.6	83.2	154.4

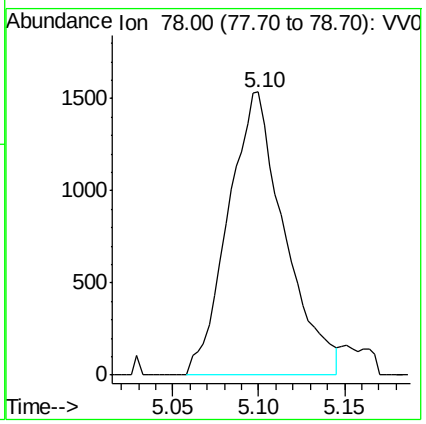


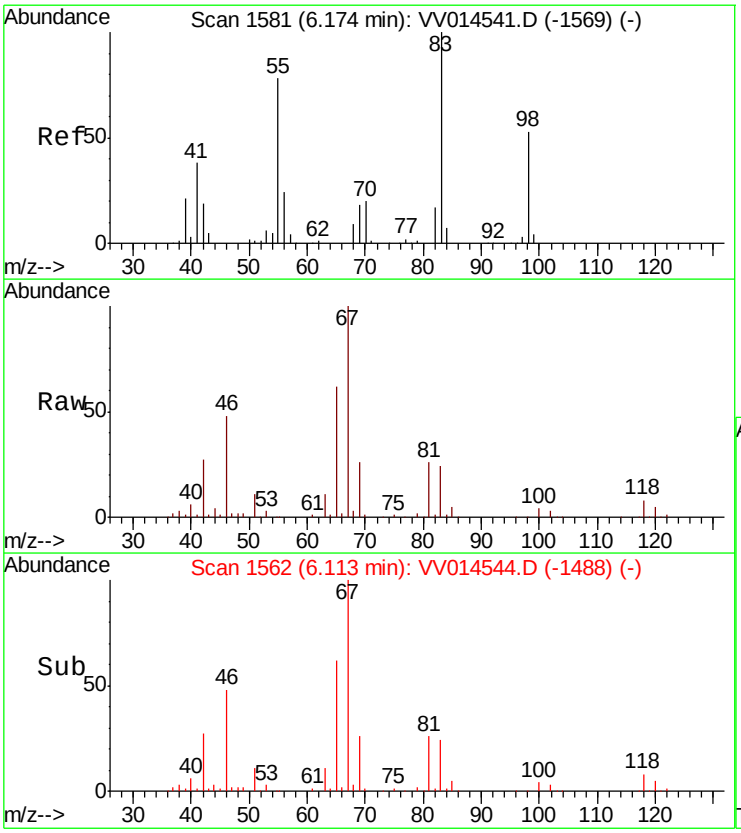


#33
Benzene
Concen: 0.383 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.04 min
Lab File: VV014544.D
Acq: 10 Feb 2020 12:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 3513

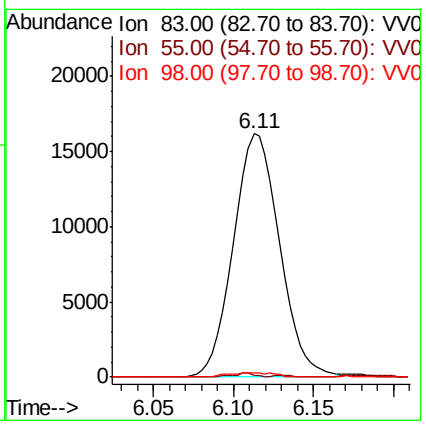


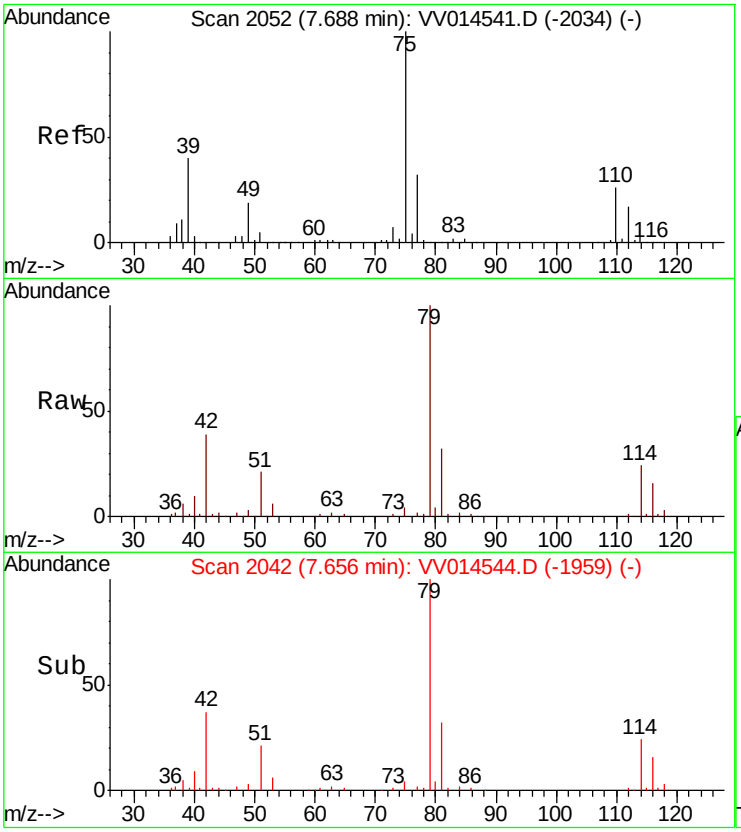


#35
Methylcyclohexane
Concen: 8.052 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014544.D
Acq: 10 Feb 2020 12:11

Tgt Ion: 83 Resp: 31994

Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.7	91.1#
98	0.5	39.4	59.0#



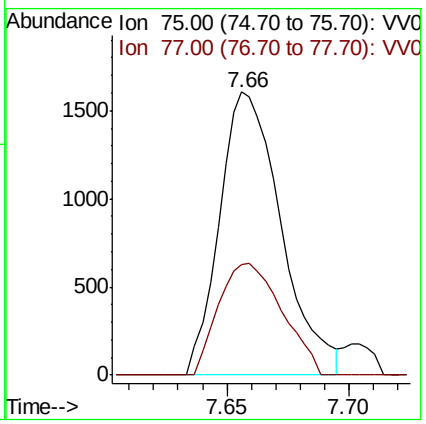


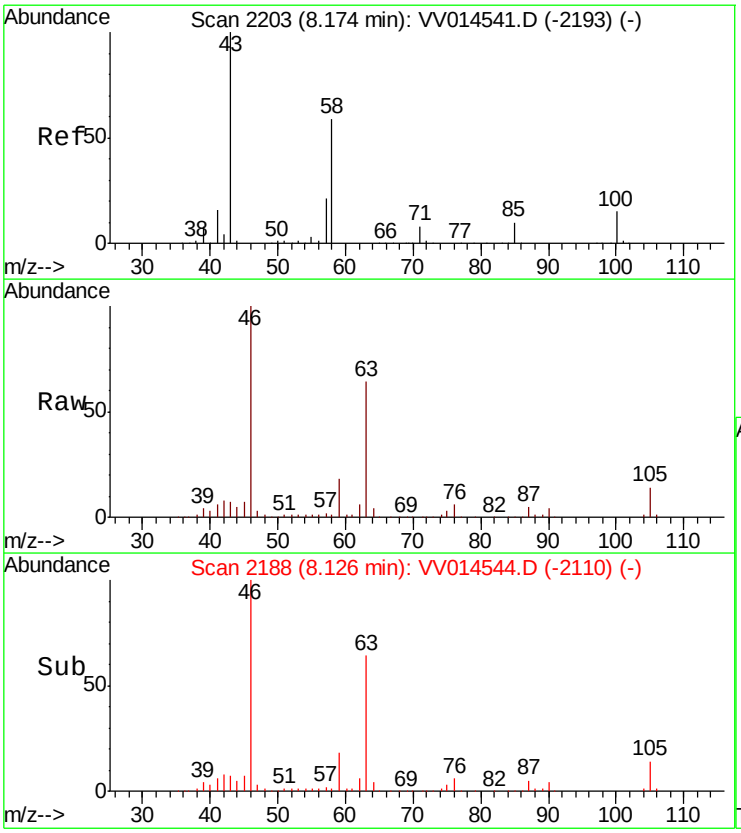
#44
trans-1,3-Dichloropropene
Concen: 0.805 ug/L
RT: 7.66 min Scan# 2042
Delta R.T. -0.03 min
Lab File: VV014544.D
Acq: 10 Feb 2020 12:11

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2814

Ion	Ratio	Lower	Upper
75	100		
77	39.3	22.2	41.2

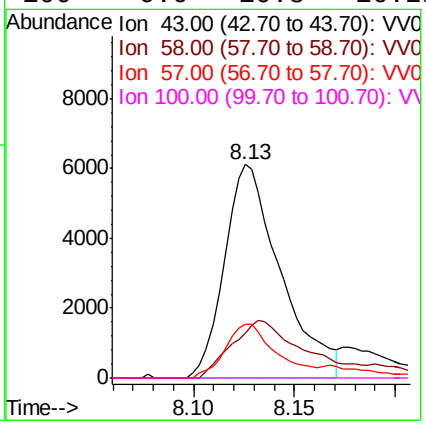


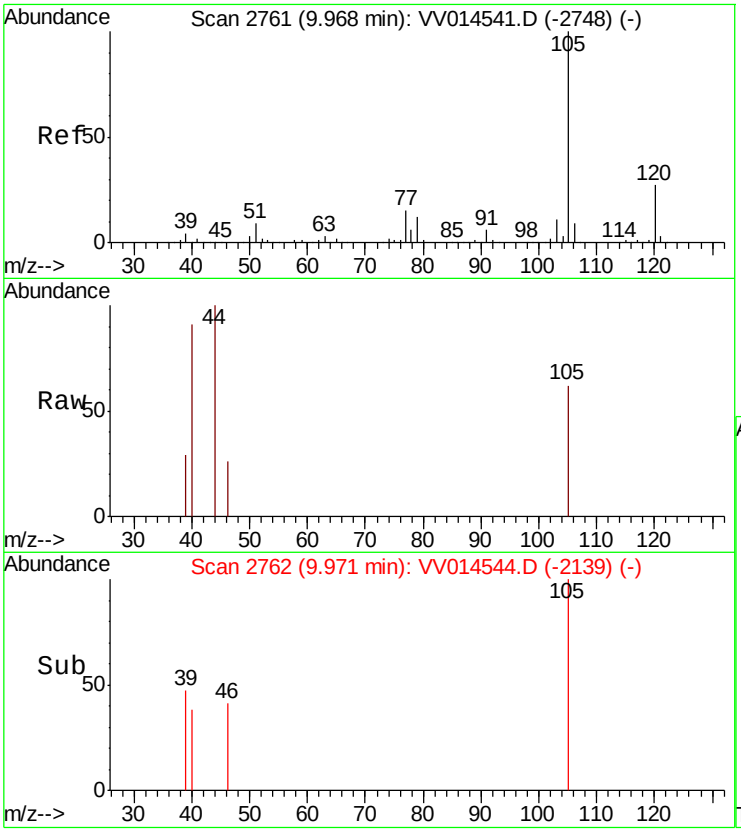


#48
2-Hexanone
Concen: 5.122 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.05 min
Lab File: VV014544.D
Acq: 10 Feb 2020 12:11

Tgt Ion: 43 Resp: 11905

Ion	Ratio	Lower	Upper
43	100		
58	34.7	45.5	68.3#
57	23.0	15.8	23.6
100	0.0	10.8	16.2#



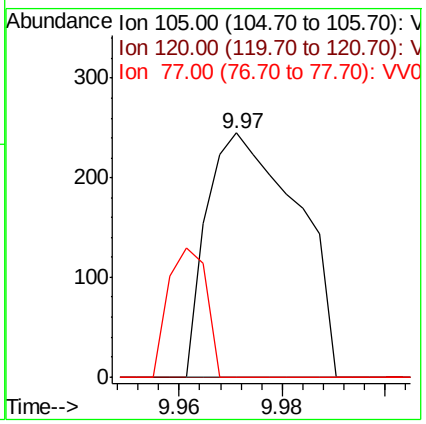


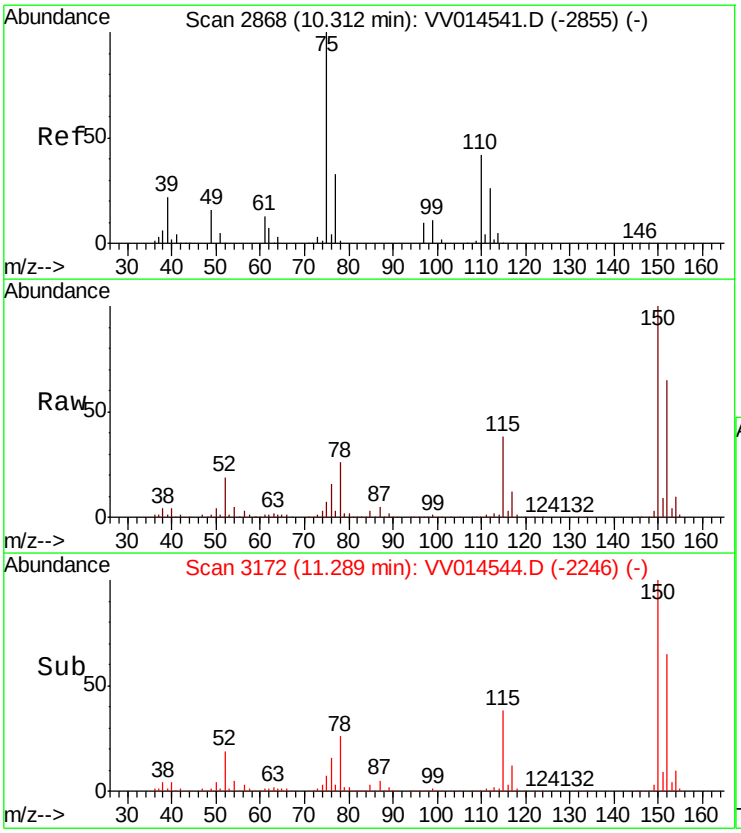
#60
Isopropylbenzene
Concen: 0.028 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV014544.D
Acq: 10 Feb 2020 12:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 298

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.5	32.3#
77	22.1	12.2	18.4#

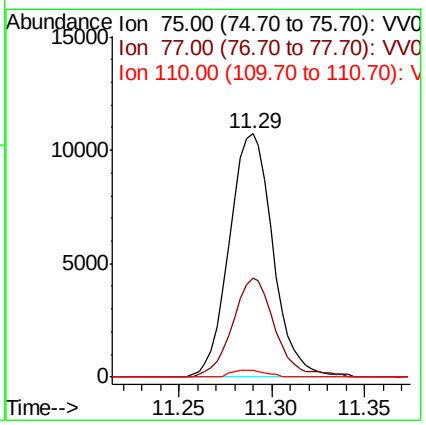


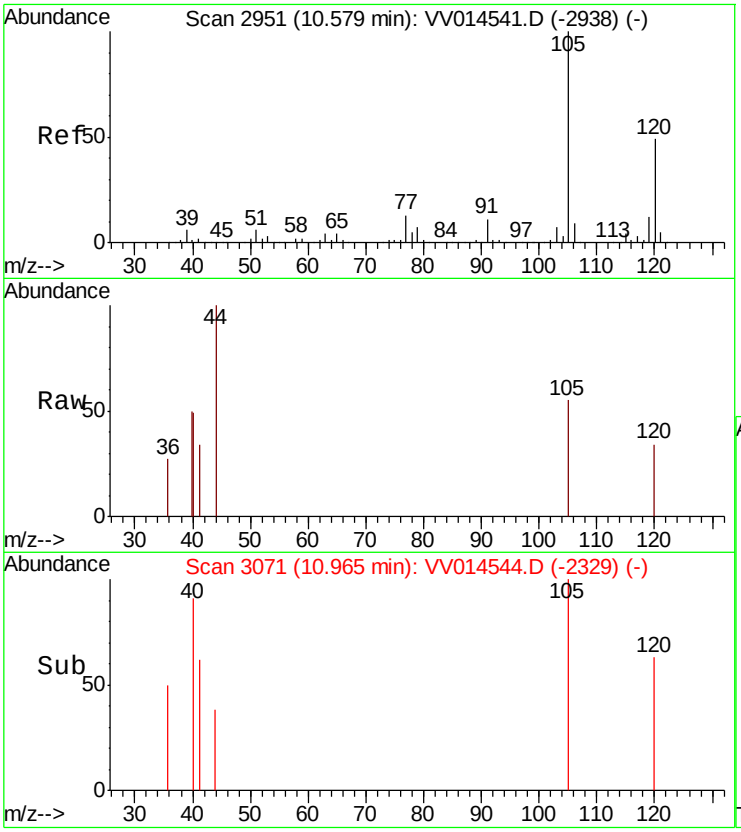


#61
1,2,3-Trichloropropane
Concen: 6.217 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV014544.D
Acq: 10 Feb 2020 12:11

Tgt Ion: 75 Resp: 17510

Ion	Ratio	Lower	Upper
75	100		
77	38.9	25.8	38.8#
110	2.3	32.4	48.6#



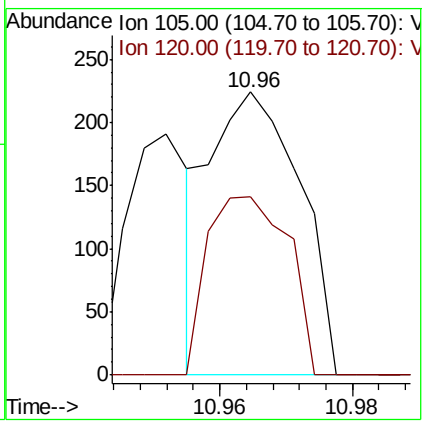


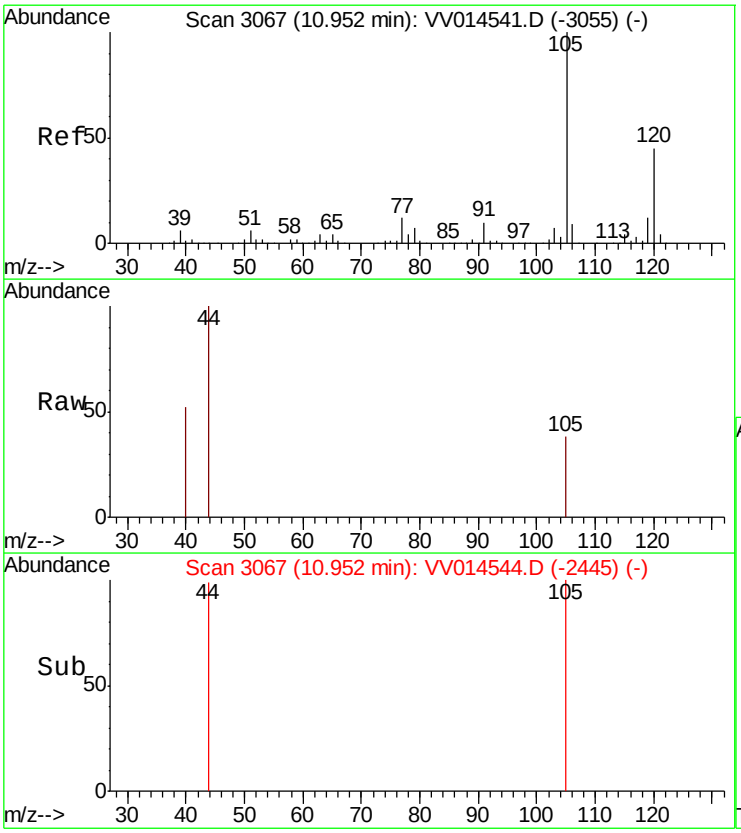
#62
1,3,5-Trimethylbenzene
Concen: 0.023 ug/L
RT: 10.96 min Scan# 3071
Delta R.T. 0.39 min
Lab File: VV014544.D
Acq: 10 Feb 2020 12:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 210

Ion	Ratio	Lower	Upper
105	100		
120	57.1	39.0	58.6





#63
1,2,4-Trimethylbenzene
Concen: 0.014 ug/L
RT: 10.95 min Scan# 3067
Delta R.T. 0.00 min
Lab File: VV014544.D
Acq: 10 Feb 2020 12:11

Tgt Ion:105 Resp: 125

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.2	54.4#