Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082219\

Quantitation Report (Not Reviewed)

Data File : VV012348.D
Acq On : 22 Aug 2019 15:29
Operator : SY/MD
Sample : K4481-07
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0XM5

Quant Time: Aug 23 06:59:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 06:55:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	168401	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	162299	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74759	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	31490	39.50	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.00%				
7) Chloroethane-d5	1.58	69	23603	41.29	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.58%				
11) 1,1-Dichloroethene-d2	2.13	63	49132	31.30	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.60%				
21) 2-Butanone-d5	3.92	46	51689	83.18	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.18%				
24) Chloroform-d	4.40	84	107135	47.28	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.56%				
26) 1,2-Dichloroethane-d4	5.08	65	84427	54.02	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.04%				
32) Benzene-d6	5.10	84	202092	46.69	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.38%				
36) 1,2-Dichloropropane-d6	6.12	67	54045	46.18	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.36%				
41) Toluene-d8	7.36	98	196424	46.57	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.14%				
43) trans-1,3-Dichloropropene-	7.66	79	33477	46.44	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.88%				
47) 2-Hexanone-d5	8.13	63	37667	77.98	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.98%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	76742	46.04	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.08%				
64) 1,2-Dichlorobenzene-d4	11.67	152	83413	50.75	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.50%				
Target Compounds							Qvalue
9) Trichlorofluoromethane	1.77	101	25166	15.380	ug/L		97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	483	0.651	ug/L	#	13
13) Acetone	2.19	43	955	2.048	ug/L		82
31) Carbon tetrachloride	4.87	117	631	0.322	ug/L	#	74
33) Benzene	5.10	78	1788	0.437	ug/L		100
34) Trichloroethene	5.96	95	2777	2.318	ug/L		92
35) Methylcyclohexane	6.12	83	16986	9.375	ug/L	#	20
37) 1,2-Dichloropropane	6.11	63	7863	8.479	ug/L	#	82
39) cis-1,3-Dichloropropene	7.03	75	2416	1.403	ug/L	#	66
44) trans-1,3-Dichloropropene	7.67	75	1555	0.948	ug/L	#	82
46) Tetrachloroethene	8.02	164	67628	58.982	ug/L		99
48) 2-Hexanone	8.18	43	3758	3.992	ug/L	#	45
59) 1,2,3-Trichloropropane	11.29	75	6291	4.760	ug/L	#	79

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082219\

Quantitation Report (Not Reviewed)

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Acq On : 22 Aug 2019 15:29
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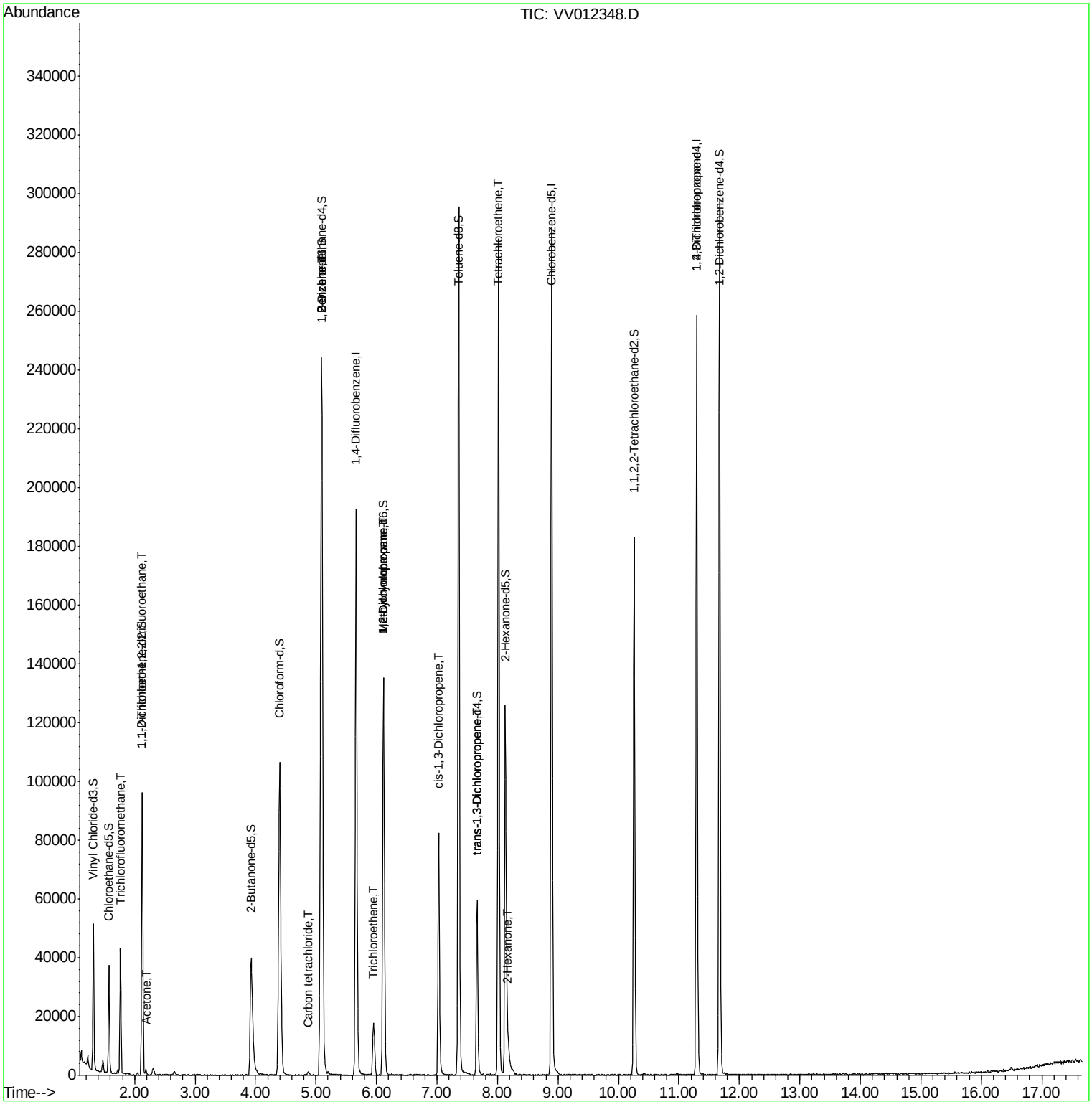
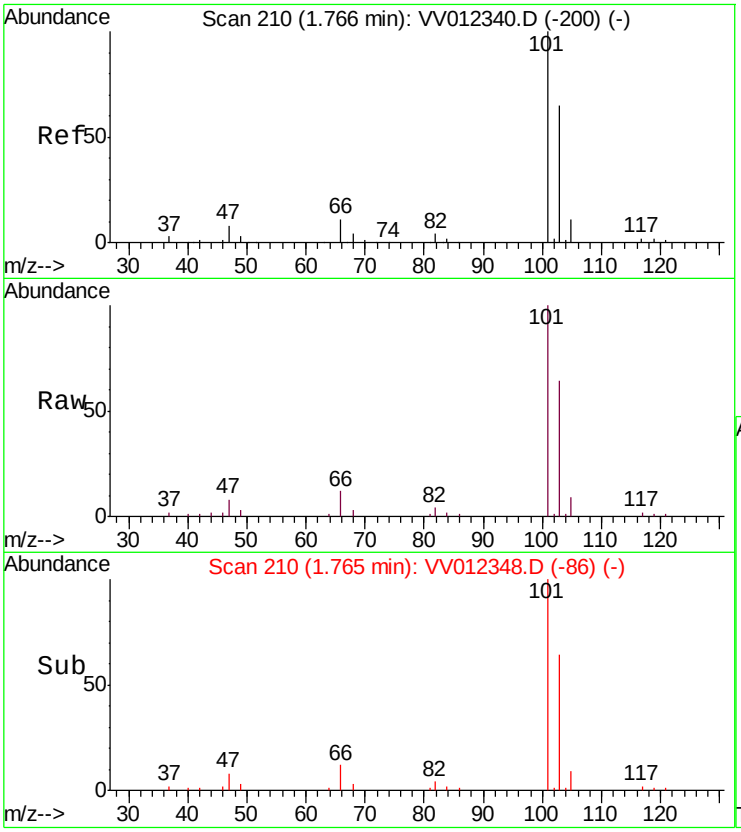
Quant Time: Aug 23 06:59:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 06:55:48 2019
Response via : Initial Calibration



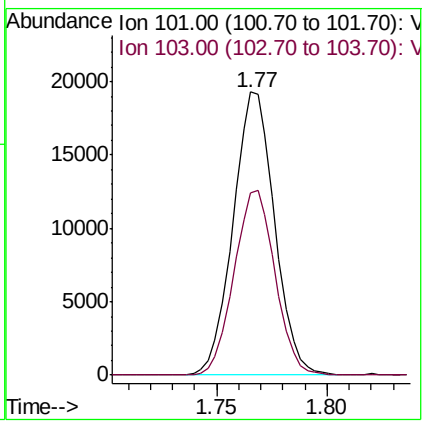


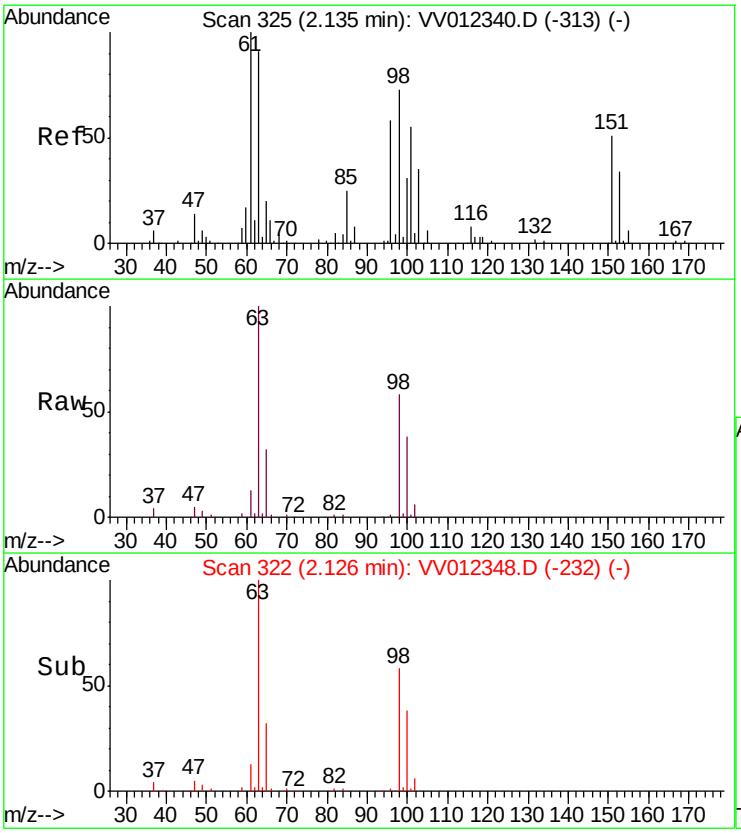
#9
Trichlorofluoromethane
Concen: 15.380 ug/L
RT: 1.77 min Scan# 210
Delta R.T. -0.00 min
Lab File: VV012348.D
Acq: 22 Aug 2019 15:29

Instrument :
MSVOA_V
ClientSampleId :
C0XM5

Tgt Ion:101 Resp: 25166

Ion	Ratio	Lower	Upper
101	100		
103	64.5	53.2	79.8

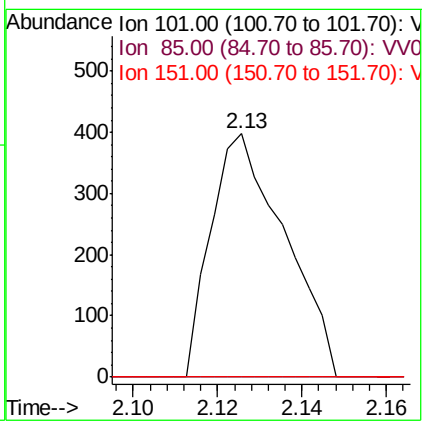


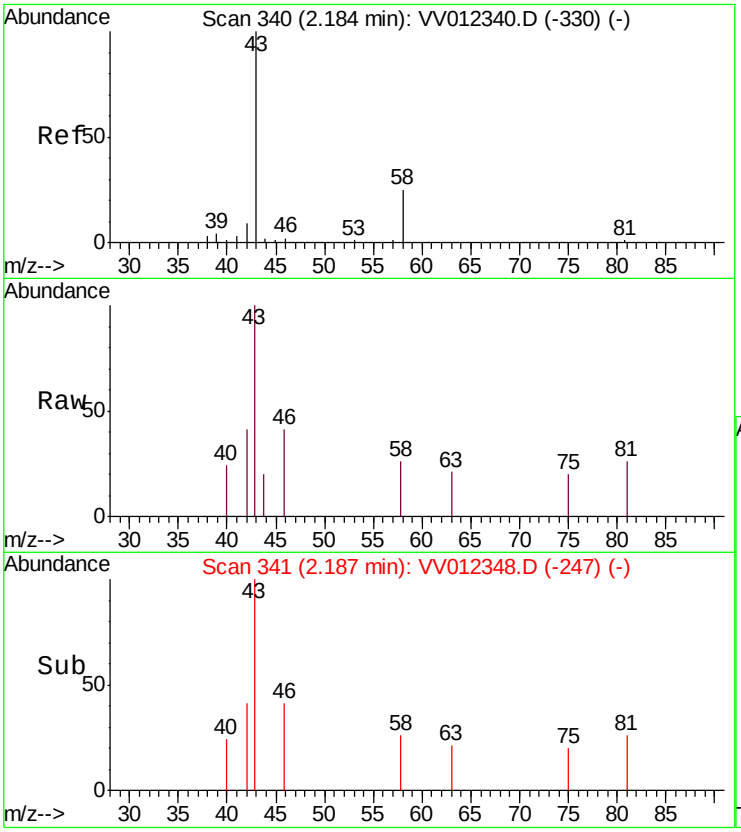


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.651 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV012348.D
Acq: 22 Aug 2019 15:29

Tgt Ion:101 Resp: 483

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.7	50.5#
151	0.0	73.0	109.6#



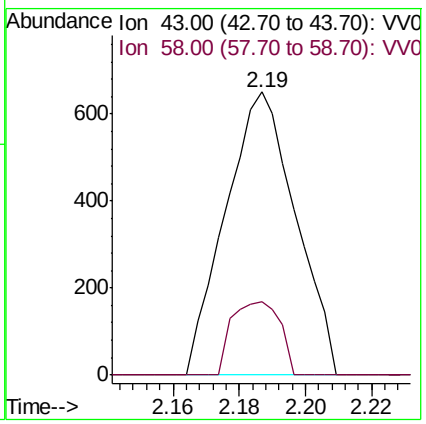


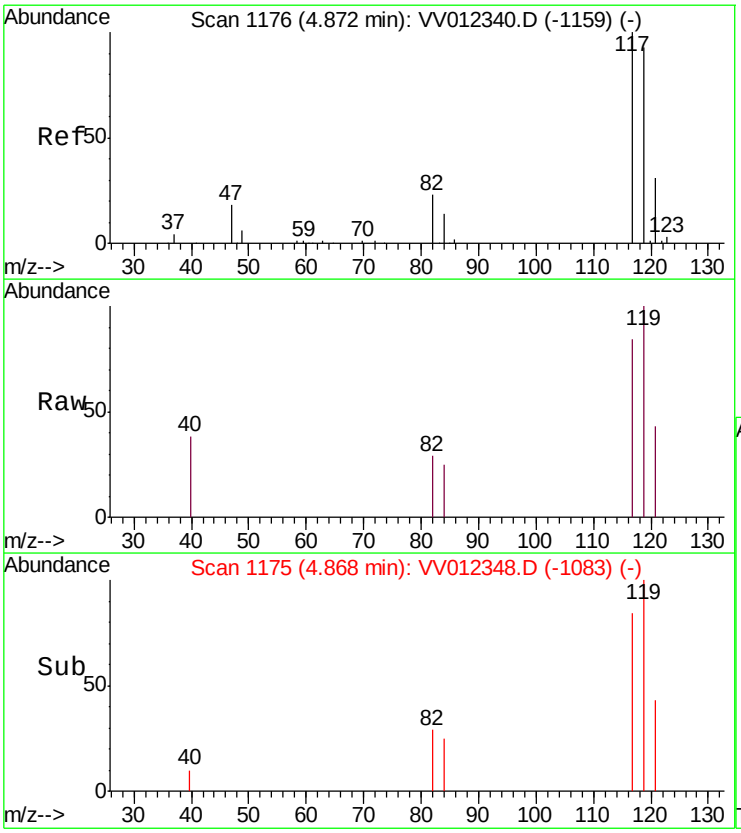
#13
Acetone
Concen: 2.048 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV012348.D
Acq: 22 Aug 2019 15:29

Instrument :
MSVOA_V
ClientSampleId :
C0XM5

Tgt Ion: 43 Resp: 955

Ion	Ratio	Lower	Upper
43	100		
58	17.8	0.0	54.2

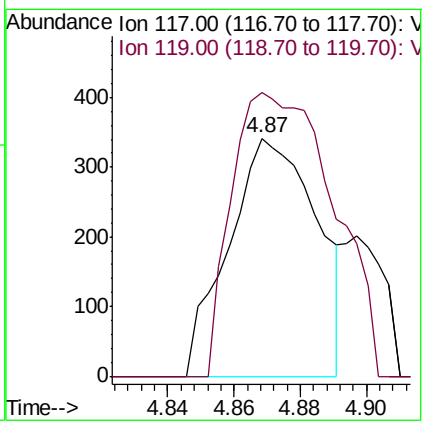


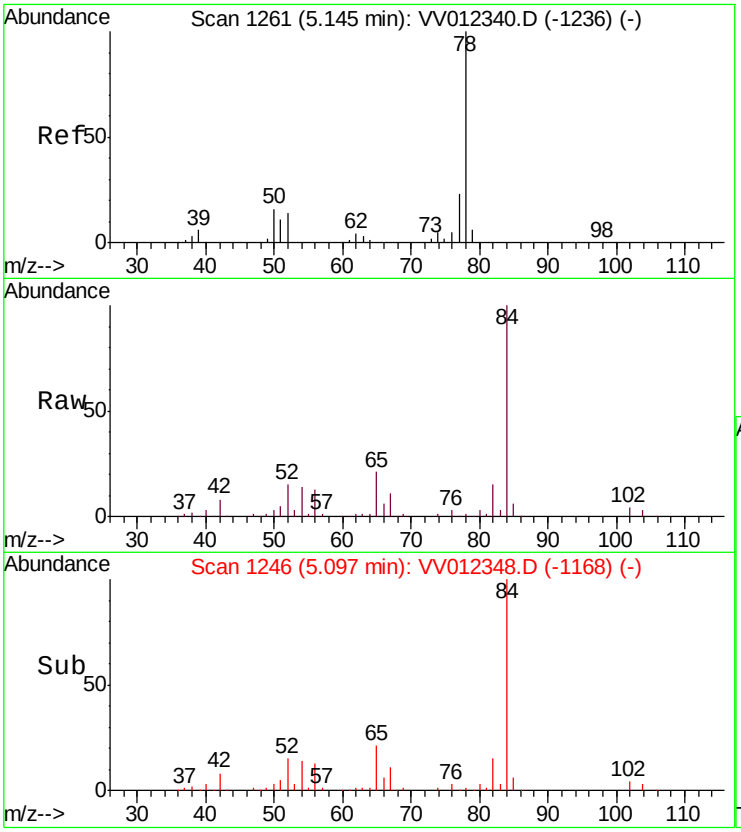


#31
Carbon tetrachloride
Concen: 0.322 ug/L
RT: 4.87 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VV012348.D
Acq: 22 Aug 2019 15:29

Tgt Ion:117 Resp: 631

Ion	Ratio	Lower	Upper
117	100		
119	71.2	77.7	116.5#

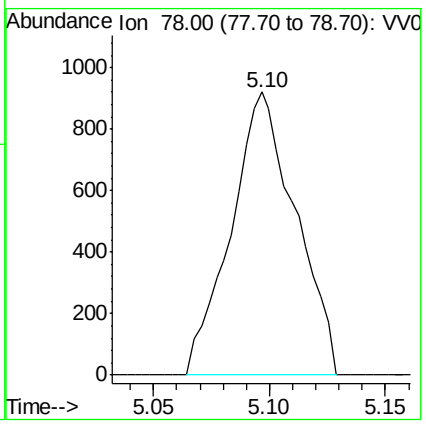


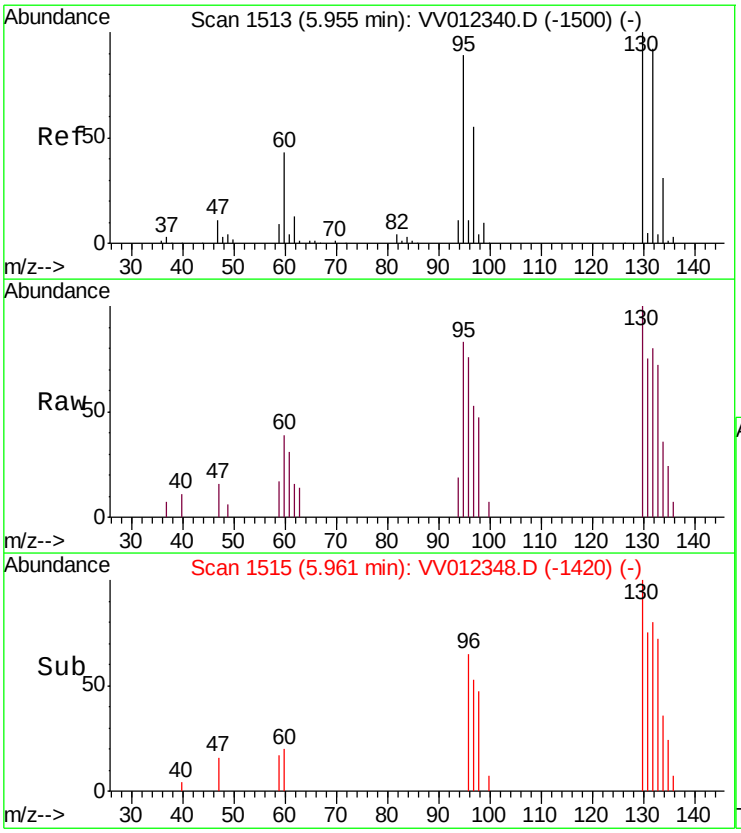


#33
Benzene
Concen: 0.437 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.05 min
Lab File: VV012348.D
Acq: 22 Aug 2019 15:29

Instrument :
MSVOA_V
ClientSampleId :
C0XM5

Tgt Ion: 78 Resp: 1788

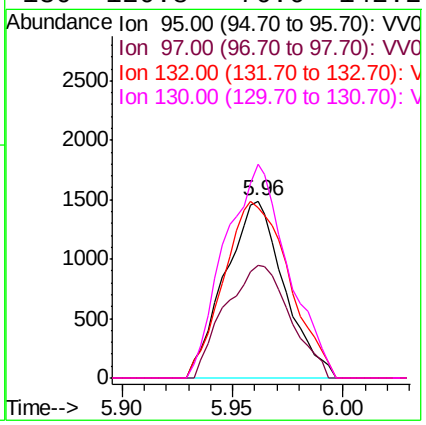


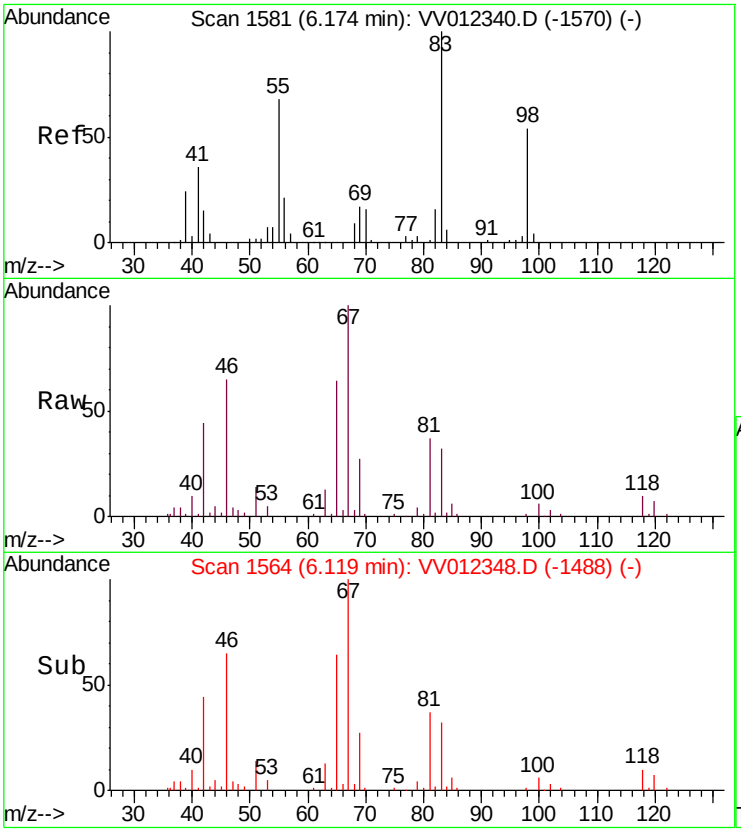


#34
Trichloroethene
Concen: 2.318 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV012348.D
Acq: 22 Aug 2019 15:29

Tgt Ion: 95 Resp: 2777

Ion	Ratio	Lower	Upper
95	100		
97	63.5	43.6	81.0
132	96.4	73.9	137.3
130	120.8	76.6	142.2



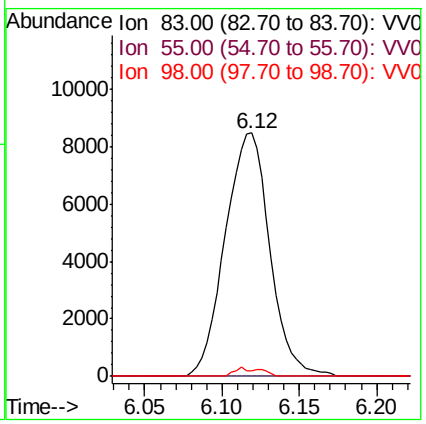


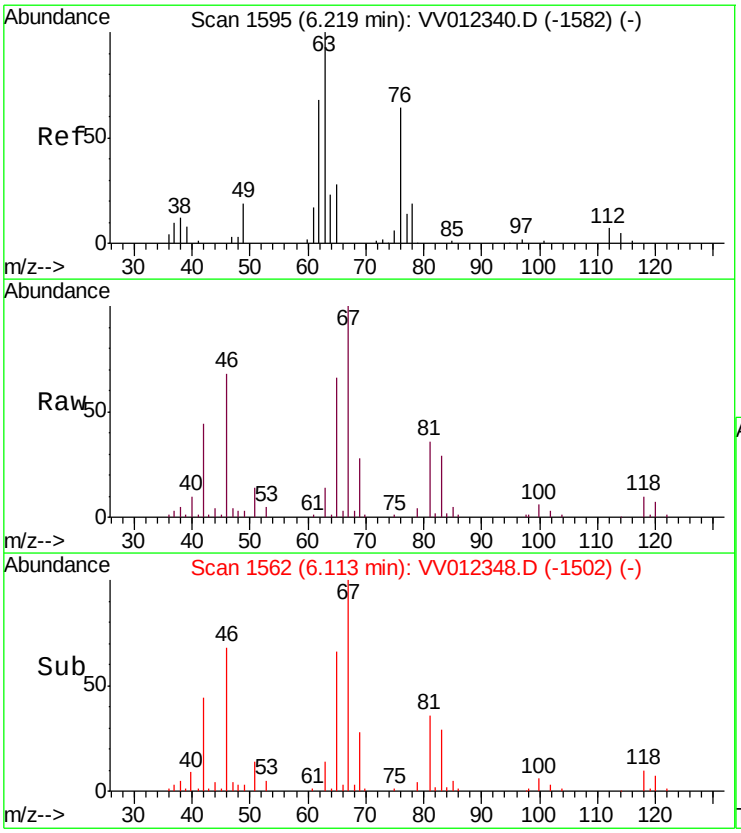
#35
Methylcyclohexane
Concen: 9.375 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012348.D
Acq: 22 Aug 2019 15:29

Instrument : MSVOA_V
ClientSampleId : C0XM5

Tgt Ion: 83 Resp: 16986

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.2	84.4#
98	1.0	42.2	63.4#

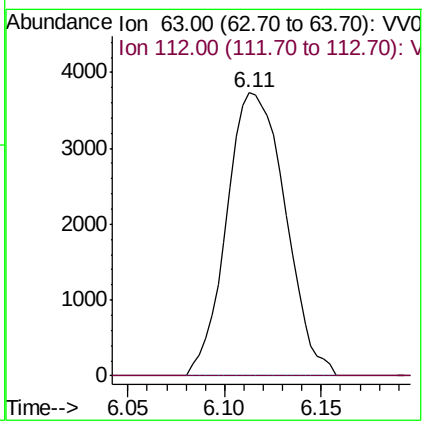


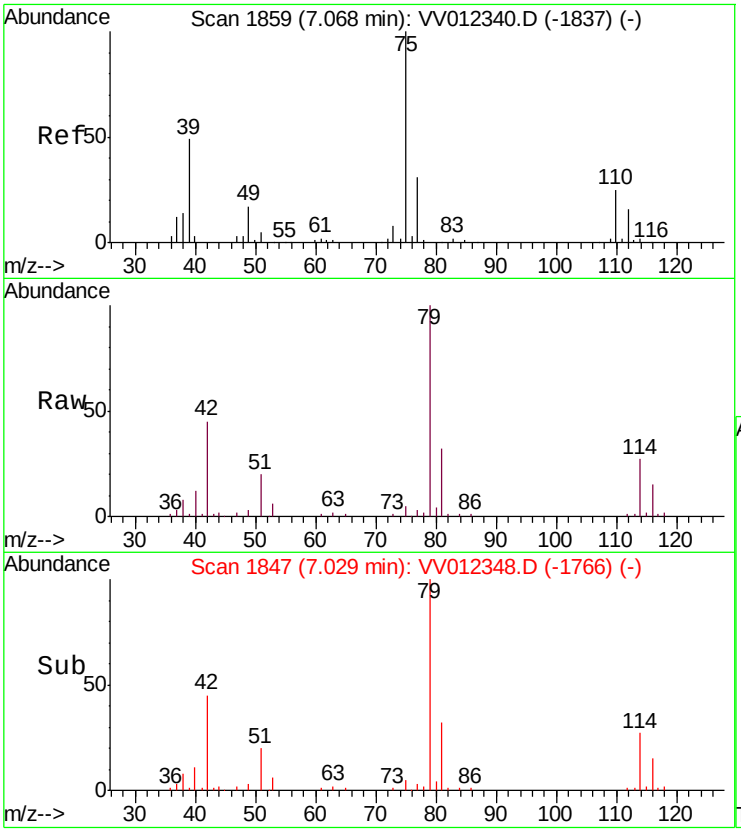


#37
1,2-Dichloropropane
Concen: 8.479 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV012348.D
Acq: 22 Aug 2019 15:29

Tgt Ion: 63 Resp: 7863

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.7	7.1#



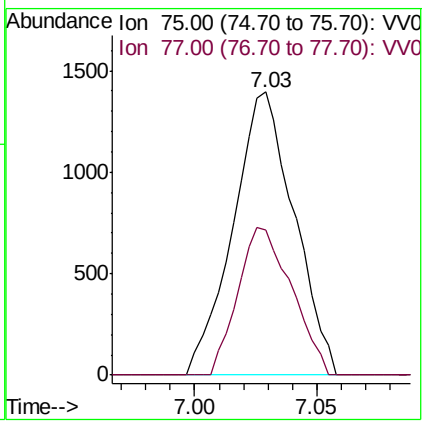


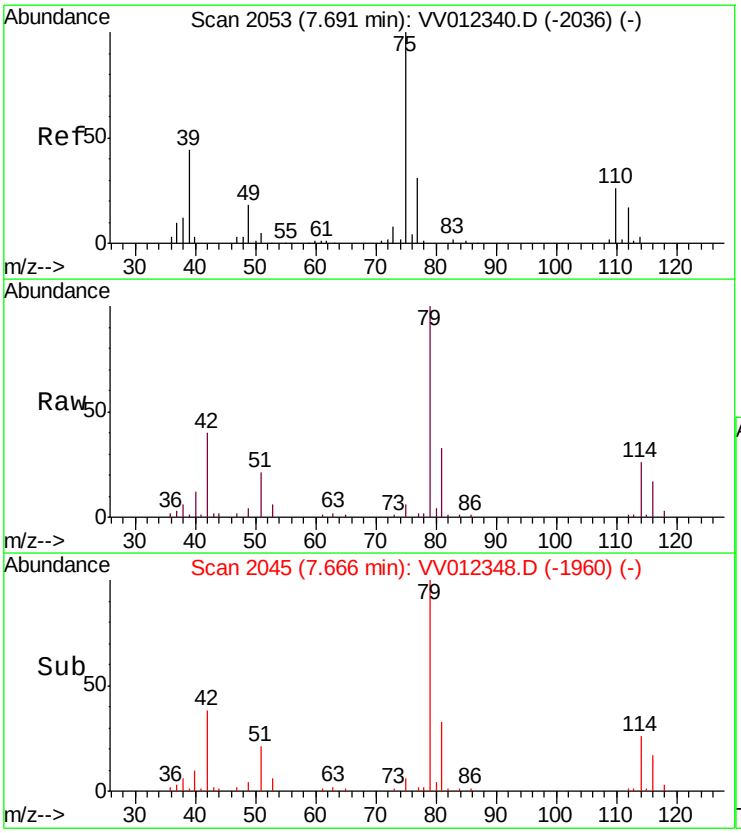
#39
cis-1,3-Dichloropropene
Concen: 1.403 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012348.D
Acq: 22 Aug 2019 15:29

Instrument :
MSVOA_V
ClientSampleId :
C0XM5

Tgt Ion: 75 Resp: 2416

Ion	Ratio	Lower	Upper
75	100		
77	51.3	22.5	41.7#

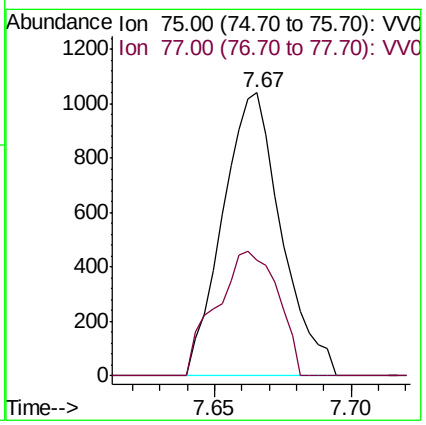


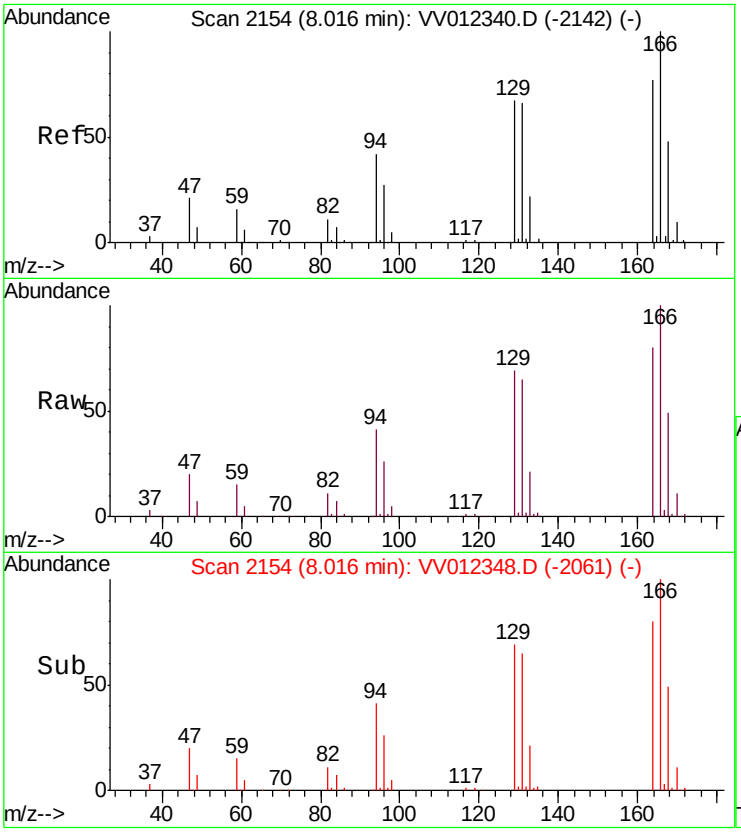


#44
trans-1,3-Dichloropropene
Concen: 0.948 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012348.D
Acq: 22 Aug 2019 15:29

Tgt Ion: 75 Resp: 1555

Ion	Ratio	Lower	Upper
75	100		
77	40.8	21.7	40.3#



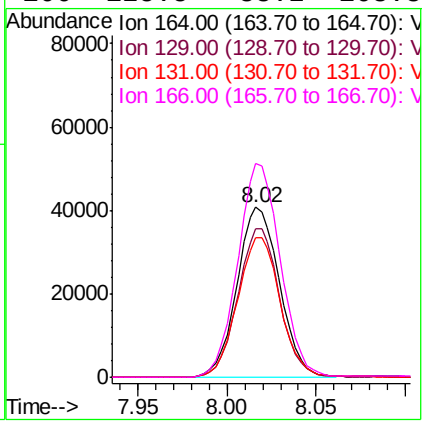


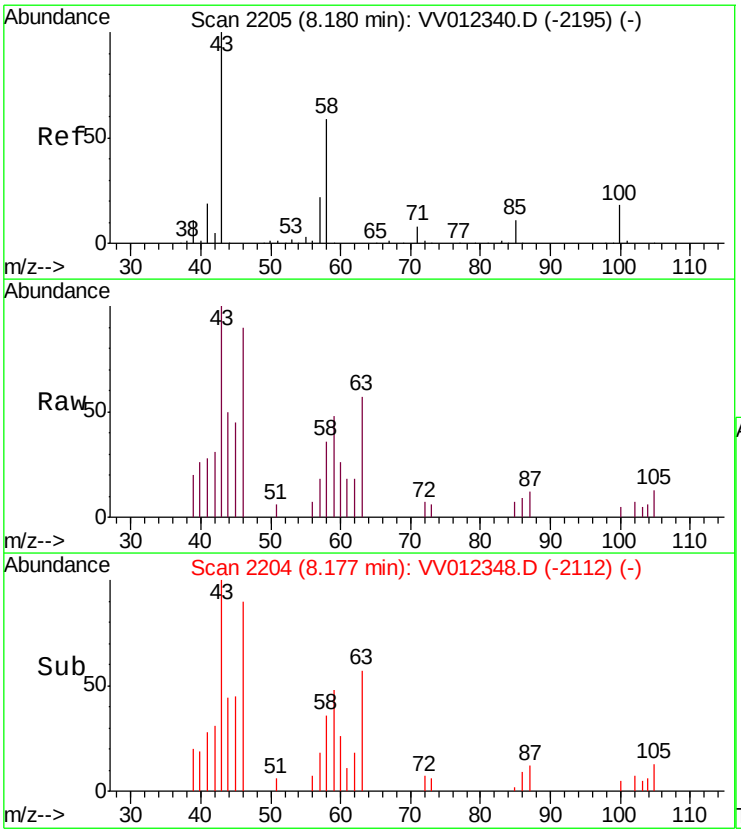
#46
Tetrachloroethene
Concen: 58.982 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012348.D
Acq: 22 Aug 2019 15:29

Instrument : MSVOA_V
ClientSampleId : C0XM5

Tgt Ion:164 Resp: 67628

Ion	Ratio	Lower	Upper
164	100		
129	86.9	61.5	114.3
131	81.8	56.6	105.0
166	125.5	88.2	163.8

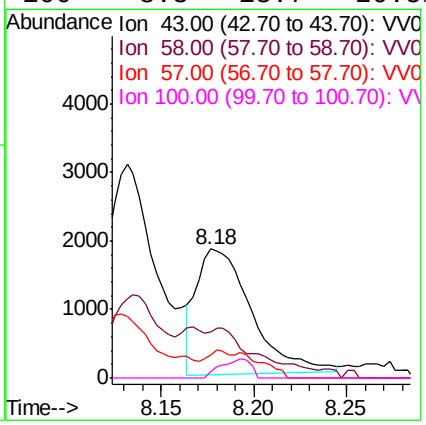


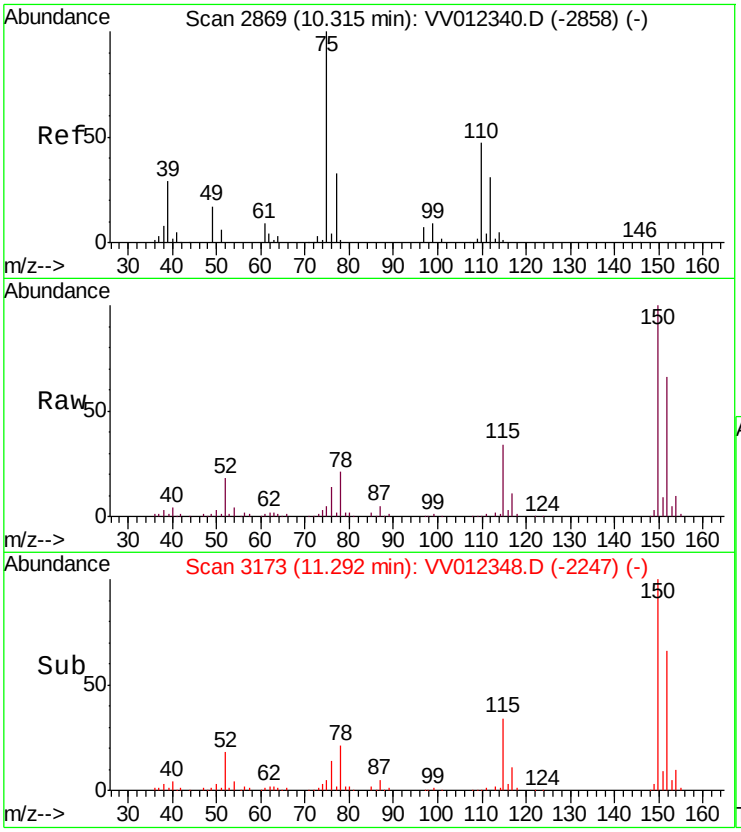


#48
2-Hexanone
Concen: 3.992 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VV012348.D
Acq: 22 Aug 2019 15:29

Tgt Ion: 43 Resp: 3758

Ion	Ratio	Lower	Upper
43	100		
58	3.7	45.7	68.5#
57	3.4	16.8	25.2#
100	8.3	13.7	20.5#





#59
1,2,3-Trichloropropane
Concen: 4.760 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.98 min
Lab File: VV012348.D
Acq: 22 Aug 2019 15:29

Instrument :
MSVOA_V
ClientSampleId :
C0XM5

Tgt Ion: 75 Resp: 6291

Ion	Ratio	Lower	Upper
75	100		
77	45.6	26.8	40.2#