Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121118\

Quantitation Report (Not Reviewed)

Data File : VV008892.D
Acq On : 11 Dec 2018 10:51
Operator : SY/MD
Sample : VV1211SBL01
Misc : 5.00g/10.0 mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK64

Quant Time: Dec 12 04:35:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 12 04:31:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	216601	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78717	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54848	24.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.88%			
7) Chloroethane-d5	1.58	69	46001	27.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.12%			
10) 1,1-Dichloroethene-d2	2.13	63	103054	18.39	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.56%			
20) 2-Butanone-d5	3.93	46	36006	44.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.24%			
24) Chloroform-d	4.40	84	121706	23.37	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.48%			
26) 1,2-Dichloroethane-d4	5.08	65	70071	24.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.64%			
29) Benzene-d6	5.10	84	252221	23.94	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.76%			
33) 1,2-Dichloropropane-d6	6.12	67	71732	24.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.28%			
37) Toluene-d8	7.36	98	230067	23.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.40%			
38) trans-1,3-Dichloropropene-	7.66	79	31088	23.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.96%			
39) 2-Hexanone-d5	8.14	63	22042	40.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.60%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52553	21.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.96%			
61) 1,2-Dichlorobenzene-d4	11.68	152	70264	23.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.12%			
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1024	0.320	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	941	0.337	ug/L #	1
13) Acetone	2.20	43	1553	1.292	ug/L	61
36) Methylcyclohexane	6.12	83	17927	3.299	ug/L #	21
40) 1,2-Dichloropropane	6.12	63	7893	2.910	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	2173	0.547	ug/L #	54
43) 4-Methyl-2-pentanone	7.29	43	2378	1.297	ug/L #	49
49) 2-Hexanone	8.19	43	3331	2.196	ug/L #	66
59) 1,2,3-Trichloropropane	11.30	75	8613	4.074	ug/L	94
64) 1,4-Dichlorobenzene	11.32	146	2105	0.403	ug/L #	89
65) 1,2-Dichlorobenzene	11.69	146	1806	0.386	ug/L #	81
68) 1,2,4-trichlorobenzene	13.31	180	1880	0.732	ug/L	97
69) Naphthalene	13.56	128	4633	1.048	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	2007	0.846	ug/L	95

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

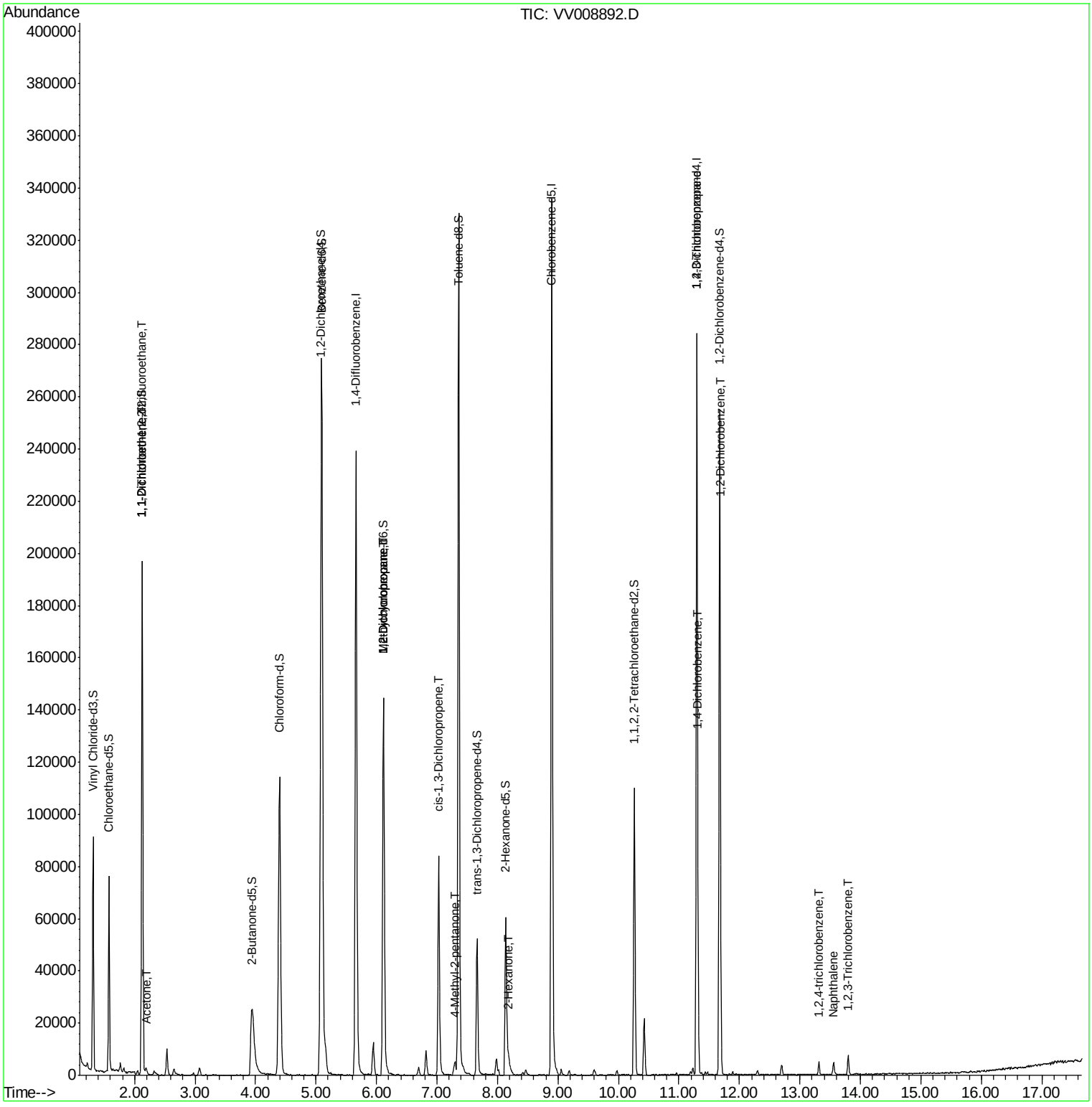
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121118\

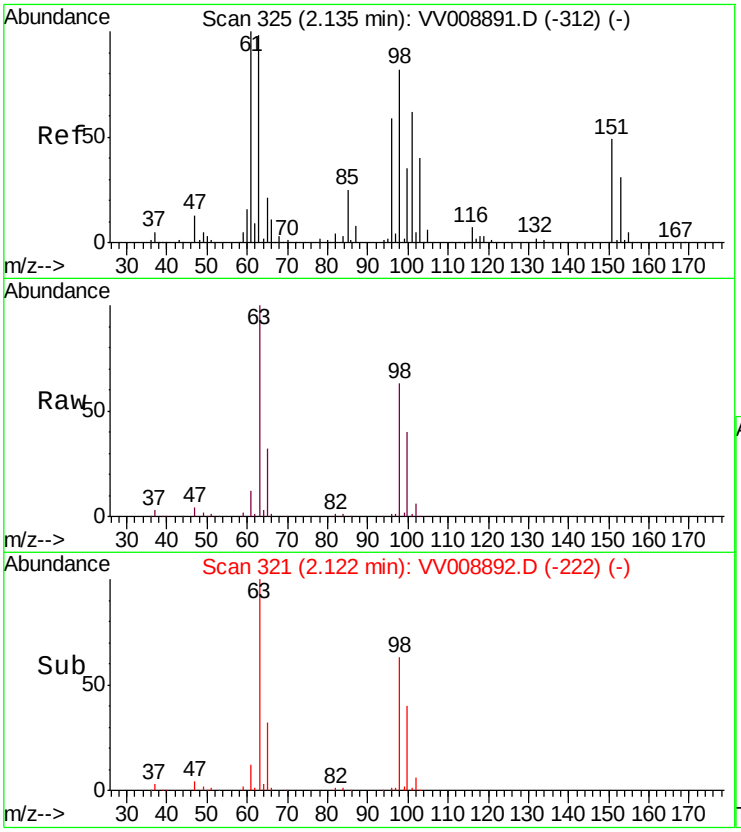
Quantitation Report (Not Reviewed)

Data File : VV008892.D
Acq On : 11 Dec 2018 10:51
Operator : SY/MD
Sample : VV1211SBL01
Misc : 5.00g/10.0 mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK64

Quant Time: Dec 12 04:35:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 12 04:31:38 2018
Response via : Initial Calibration



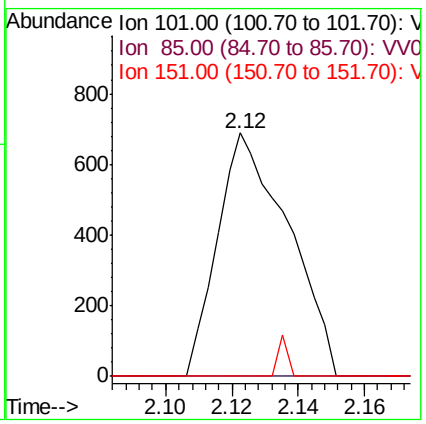


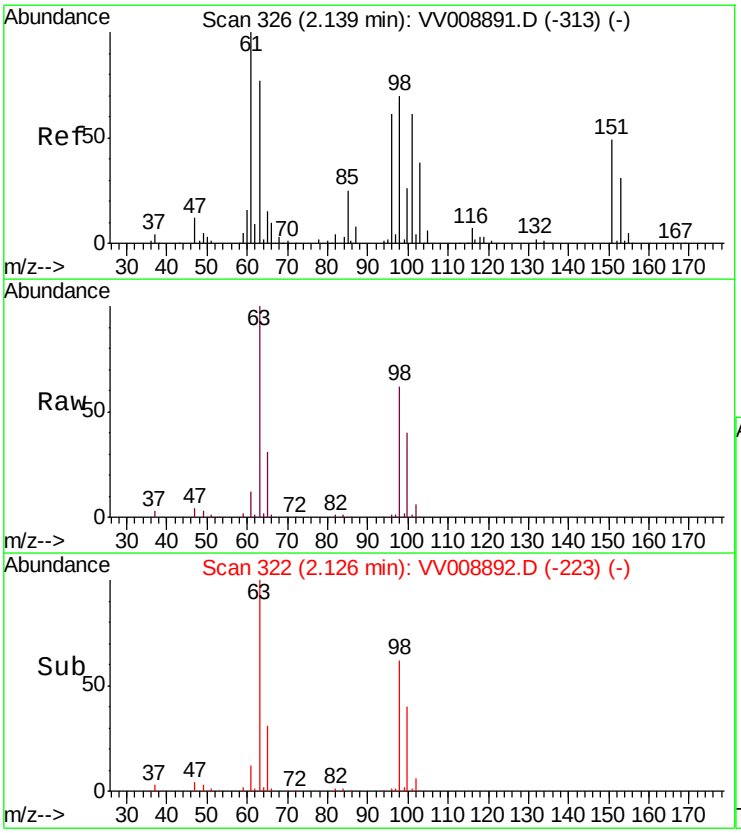
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.320 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV008892.D
Acq: 11 Dec 2018 10:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK64

Tgt Ion:101 Resp: 1024

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.5	48.7#
151	0.0	64.2	96.4#

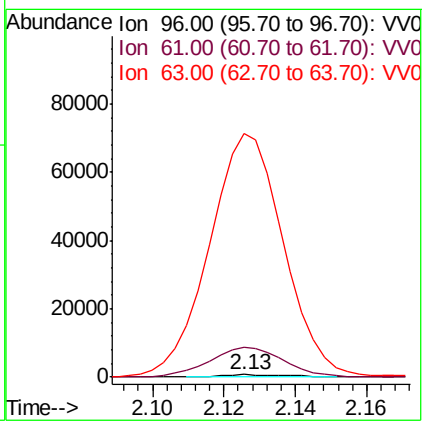


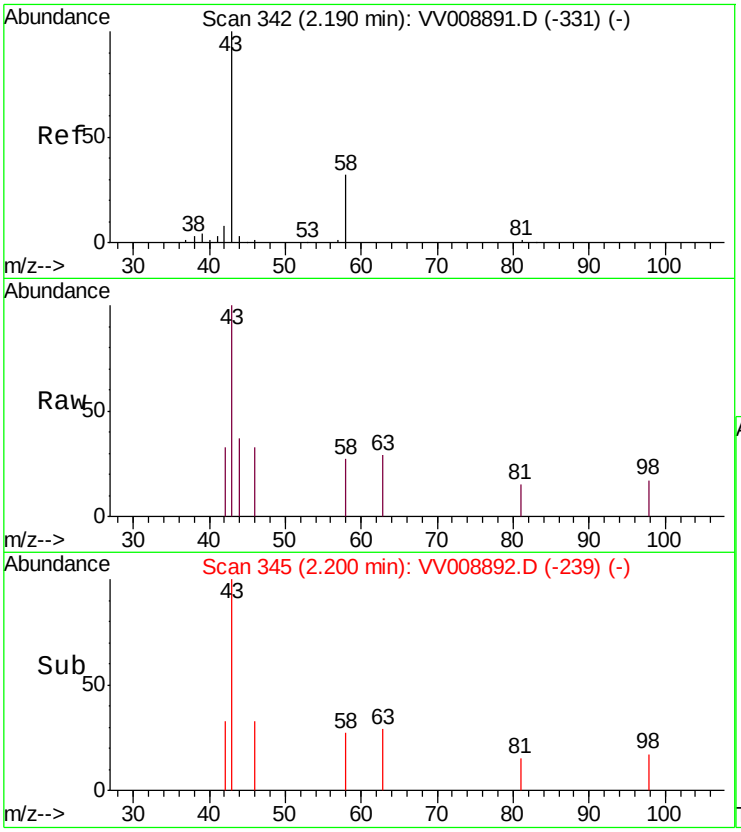


#12
1,1-Dichloroethene
Concen: 0.337 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV008892.D
Acq: 11 Dec 2018 10:51

Tgt Ion: 96 Resp: 941

Ion	Ratio	Lower	Upper
96	100		
61	1273.6	114.0	211.6#
63	10353.6	82.4	153.0#



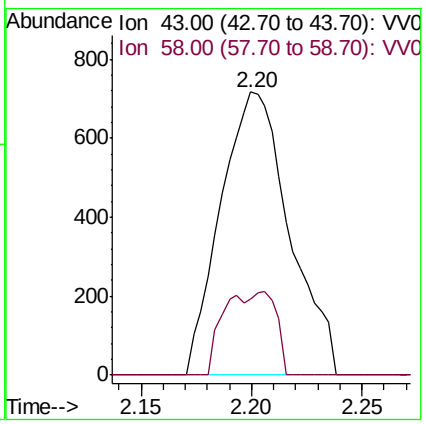


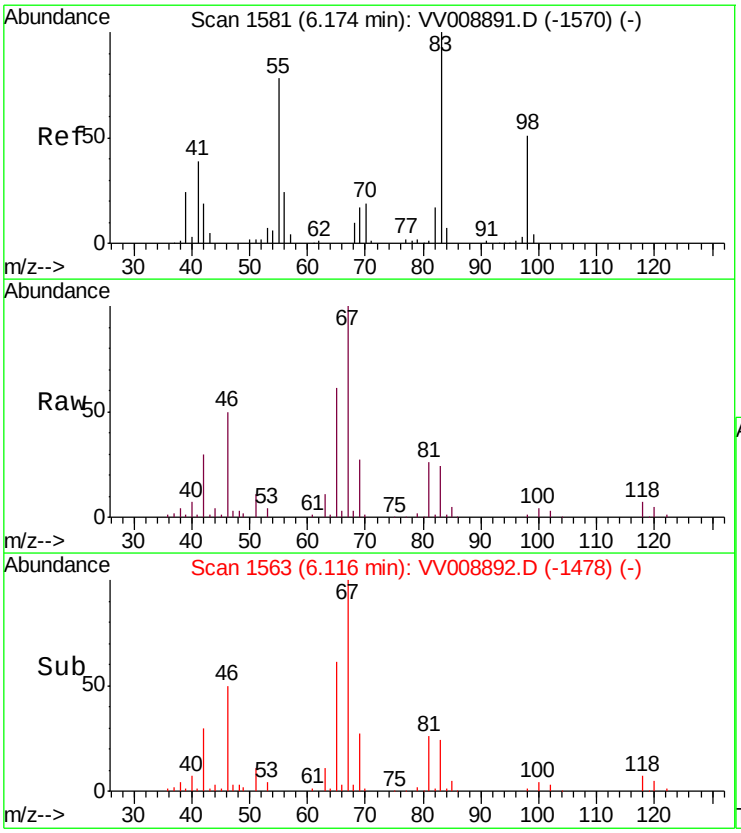
#13
Acetone
Concen: 1.292 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.01 min
Lab File: VV008892.D
Acq: 11 Dec 2018 10:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK64

Tgt Ion: 43 Resp: 1553

Ion	Ratio	Lower	Upper
43	100		
58	10.5	0.0	65.4

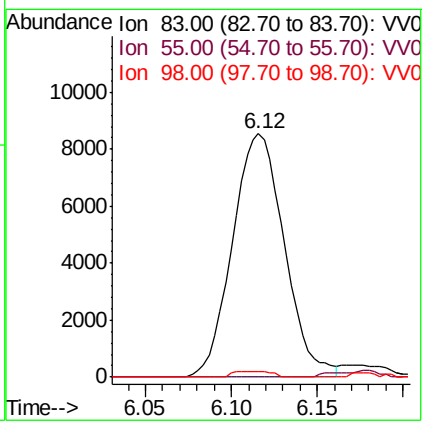


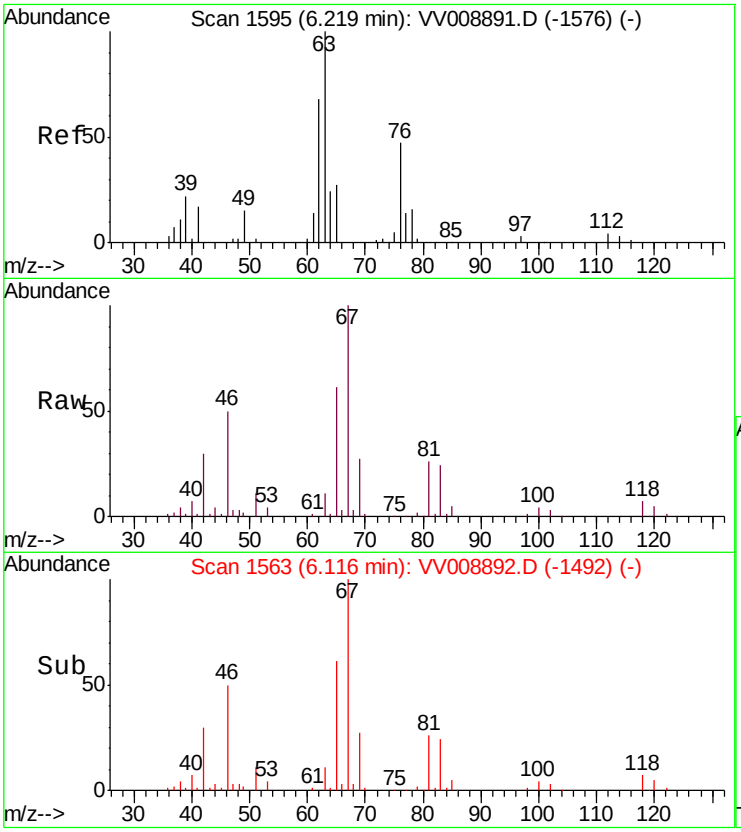


#36
Methylcyclohexane
Concen: 3.299 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV008892.D
Acq: 11 Dec 2018 10:51

Tgt Ion: 83 Resp: 17927

Ion	Ratio	Lower	Upper
83	100		
55	0.9	58.2	87.2#
98	0.6	37.8	56.8#



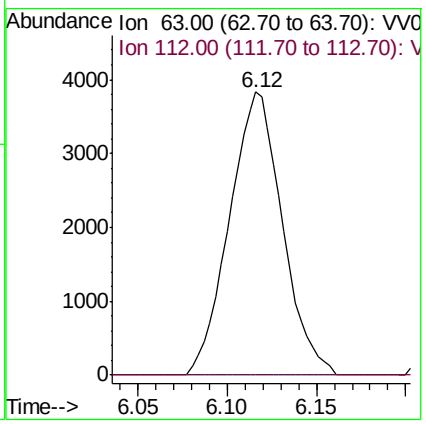


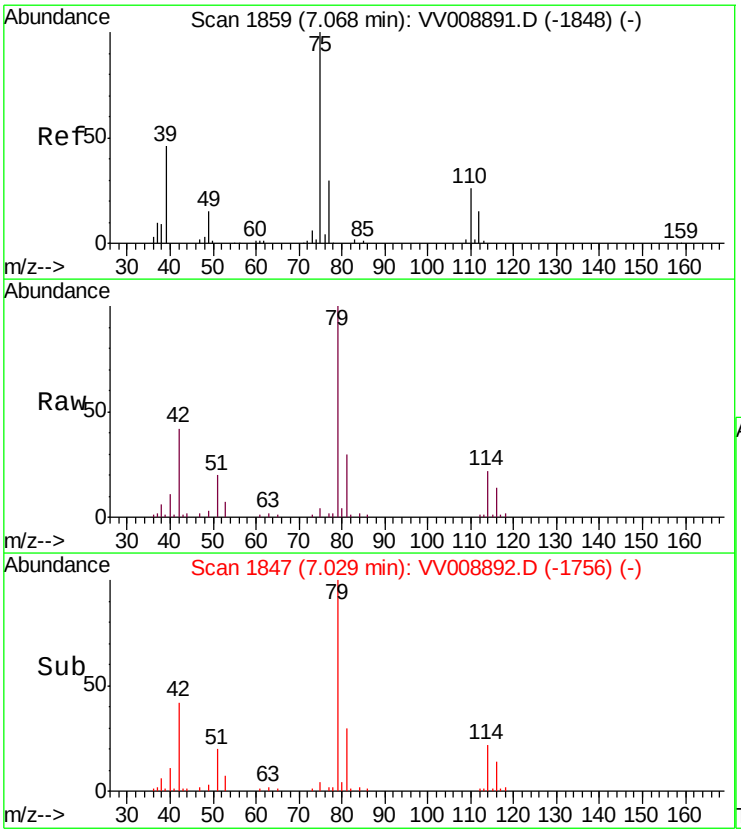
#40
1,2-Dichloropropane
Concen: 2.910 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV008892.D
Acq: 11 Dec 2018 10:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK64

Tgt Ion: 63 Resp: 7893

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

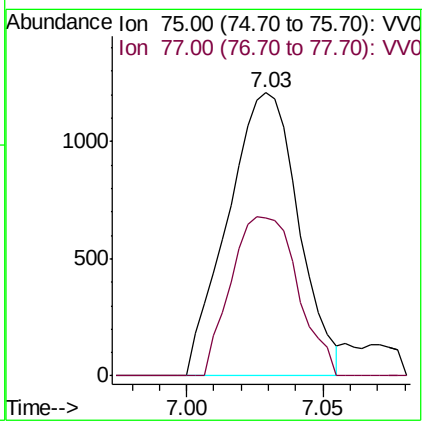


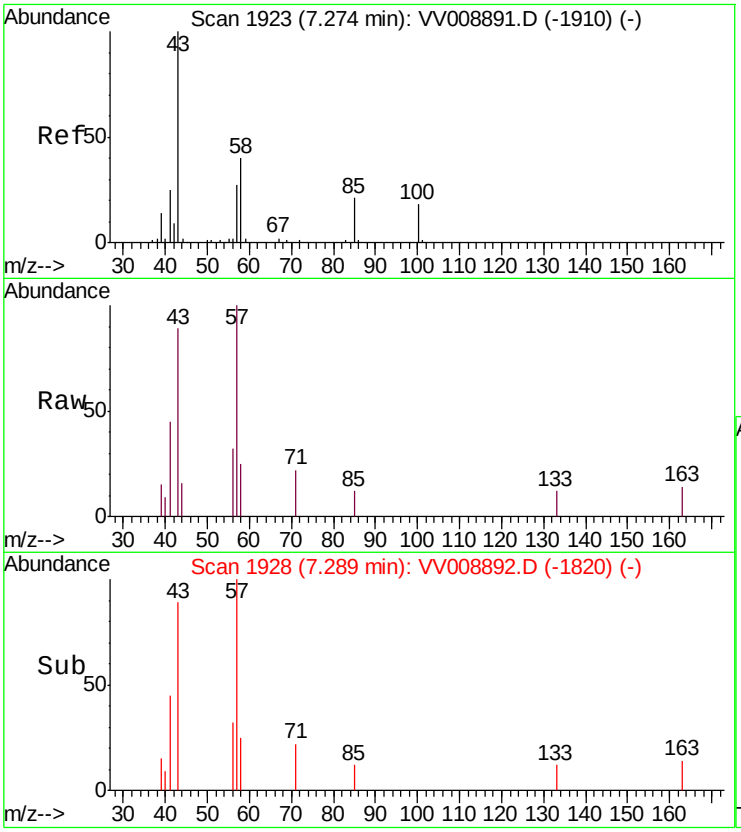


#42
cis-1,3-Dichloropropene
Concen: 0.547 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV008892.D
Acq: 11 Dec 2018 10:51

Tgt Ion: 75 Resp: 2173

Ion	Ratio	Lower	Upper
75	100		
77	55.8	21.3	39.6#



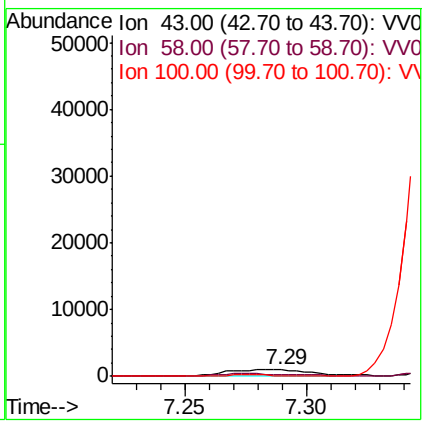


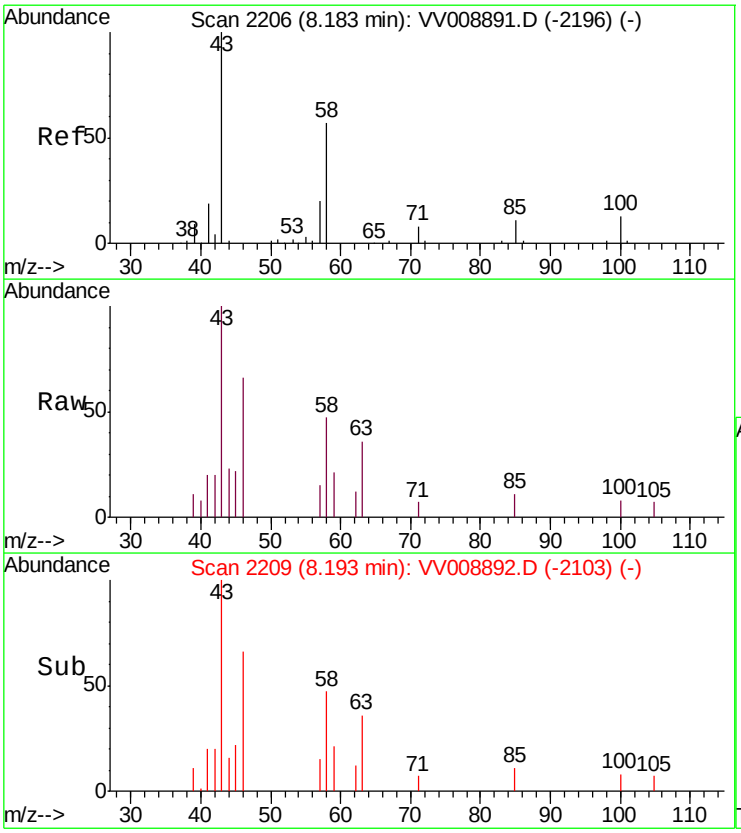
#43
4-Methyl-2-pentanone
Concen: 1.297 ug/L
RT: 7.29 min Scan# 1928
Delta R.T. 0.02 min
Lab File: VV008892.D
Acq: 11 Dec 2018 10:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK64

Tgt Ion: 43 Resp: 2378

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.2	48.4#
100	9.8	13.8	20.8#

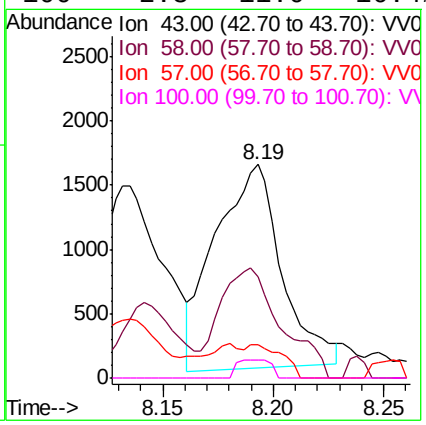


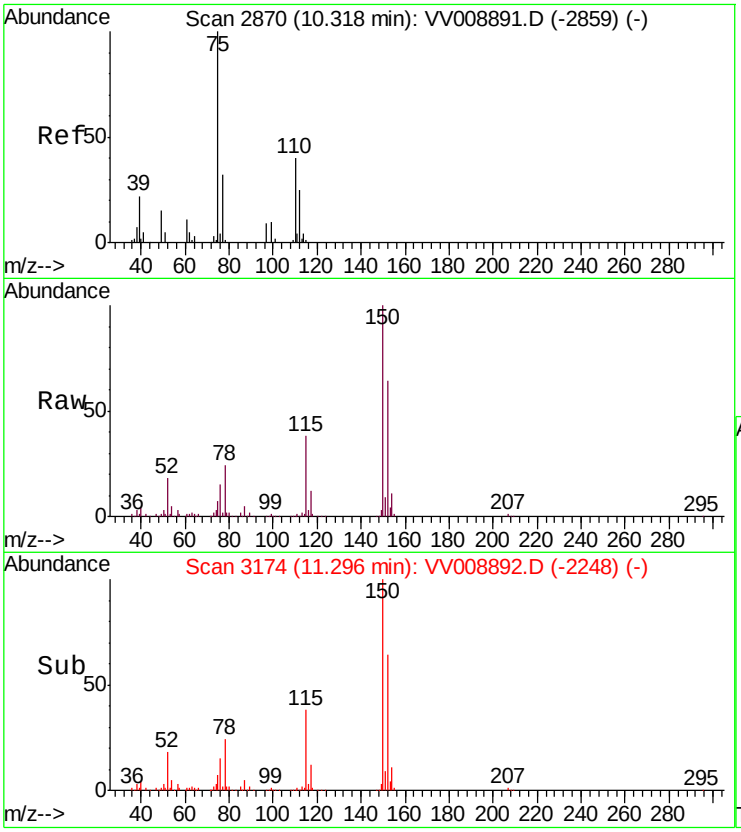


#49
2-Hexanone
Concen: 2.196 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV008892.D
Acq: 11 Dec 2018 10:51

Tgt Ion: 43 Resp: 3331

Ion	Ratio	Lower	Upper
43	100		
58	30.5	43.9	65.9#
57	1.7	15.7	23.5#
100	2.3	11.0	16.4#



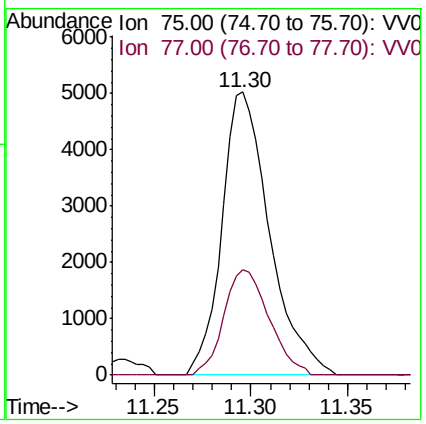


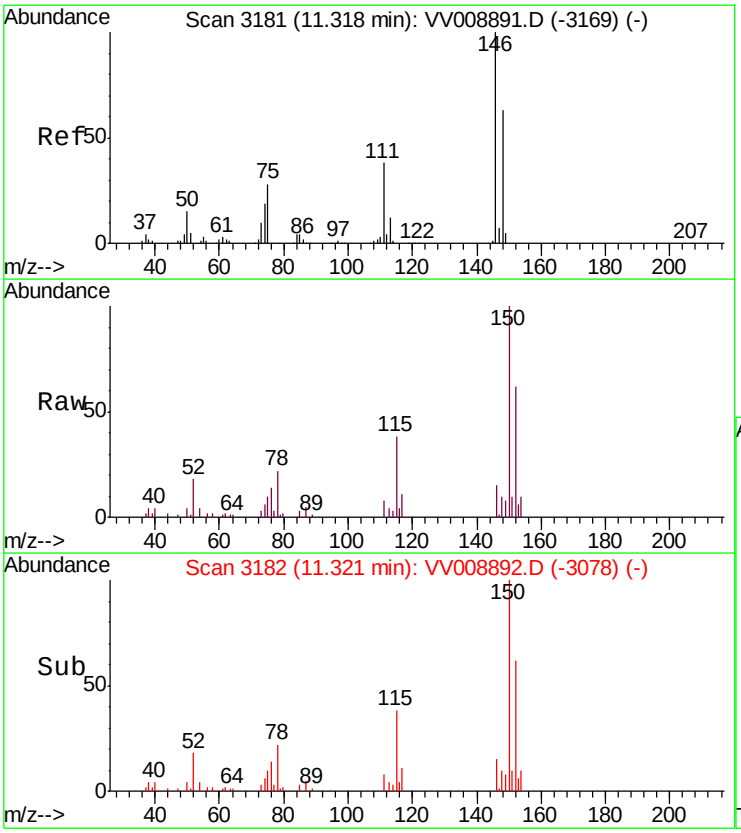
#59
1,2,3-Trichloropropane
Concen: 4.074 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV008892.D
Acq: 11 Dec 2018 10:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK64

Tgt Ion: 75 Resp: 8613

Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.6	38.4

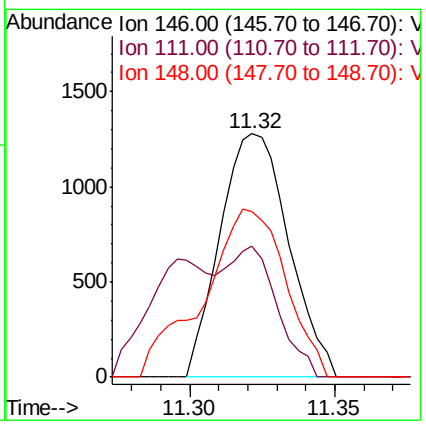


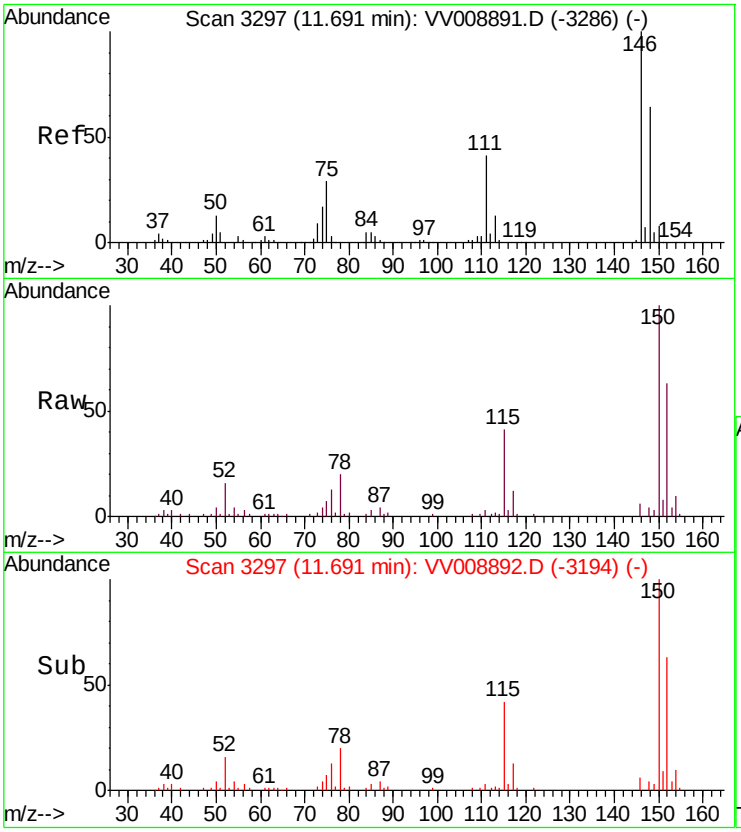


#64
1,4-Dichlorobenzene
Concen: 0.403 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV008892.D
Acq: 11 Dec 2018 10:51

Tgt Ion:146 Resp: 2105

Ion	Ratio	Lower	Upper
146	100		
111	53.6	26.8	49.8#
148	67.9	45.8	85.0



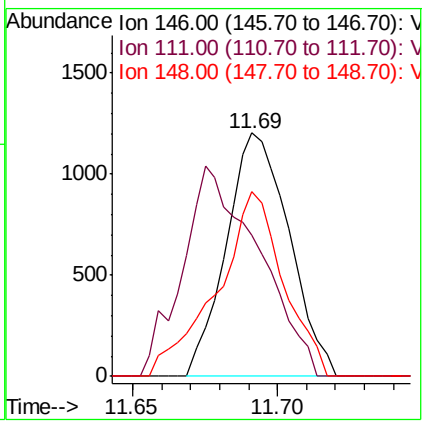


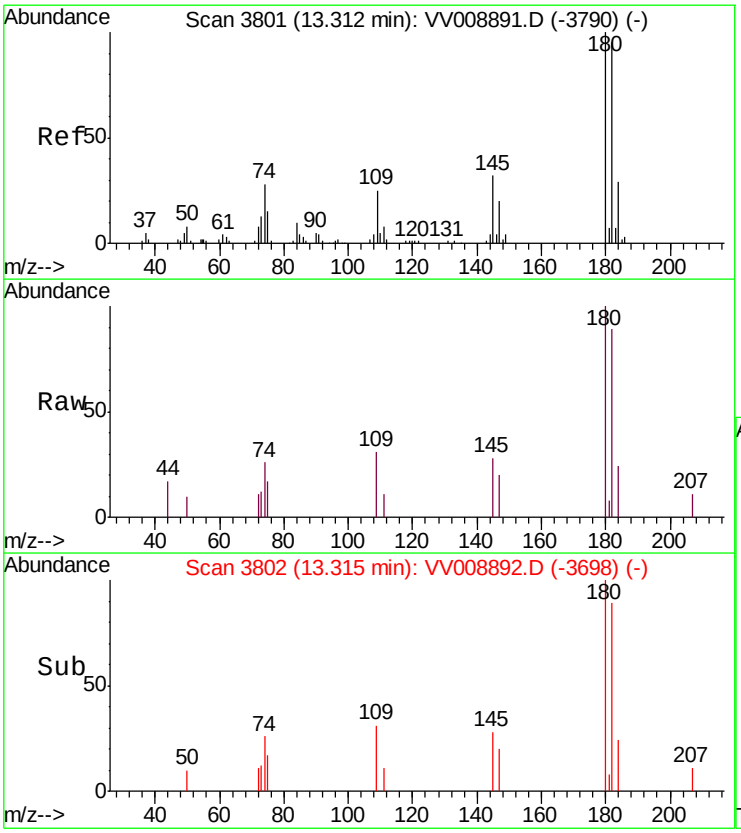
#65
1,2-Dichlorobenzene
Concen: 0.386 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VV008892.D
Acq: 11 Dec 2018 10:51

Instrument : MSVOA_V
ClientSampleId : VBLK64

Tgt Ion:146 Resp: 1806

Ion	Ratio	Lower	Upper
146	100		
111	57.8	34.2	51.4#
148	75.7	51.0	76.6

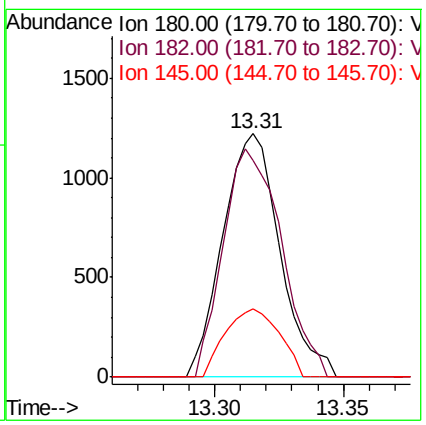


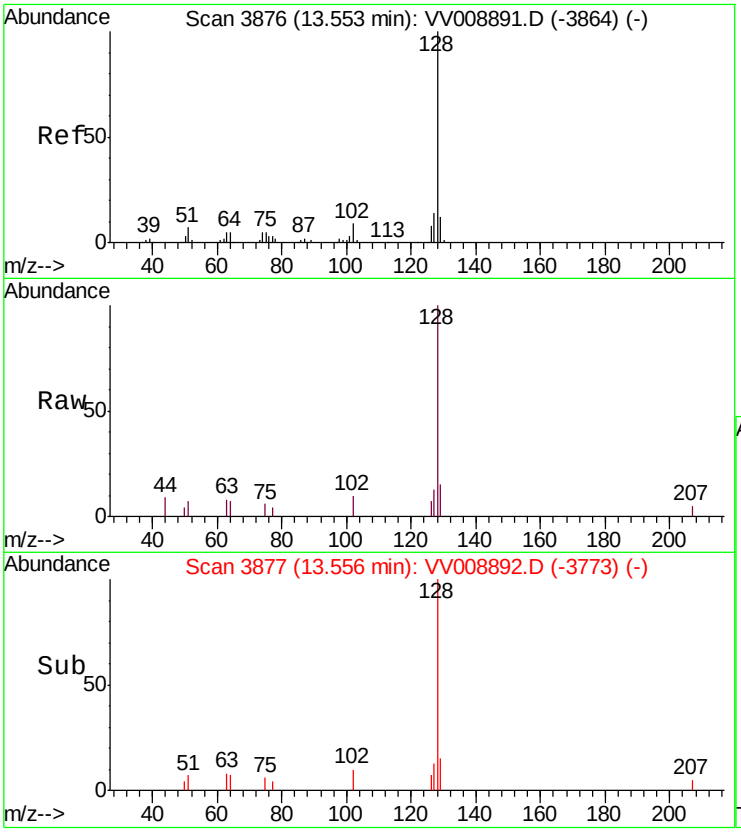


#68
1,2,4-trichlorobenzene
Concen: 0.732 ug/L
RT: 13.31 min Scan# 3802
Delta R.T. 0.00 min
Lab File: VV008892.D
Acq: 11 Dec 2018 10:51

Tgt Ion:180 Resp: 1880

Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.4	116.0
145	26.7	25.6	38.4



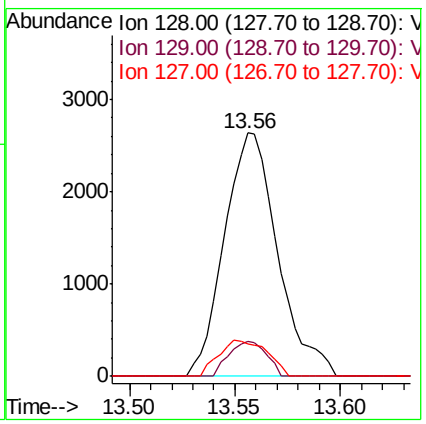


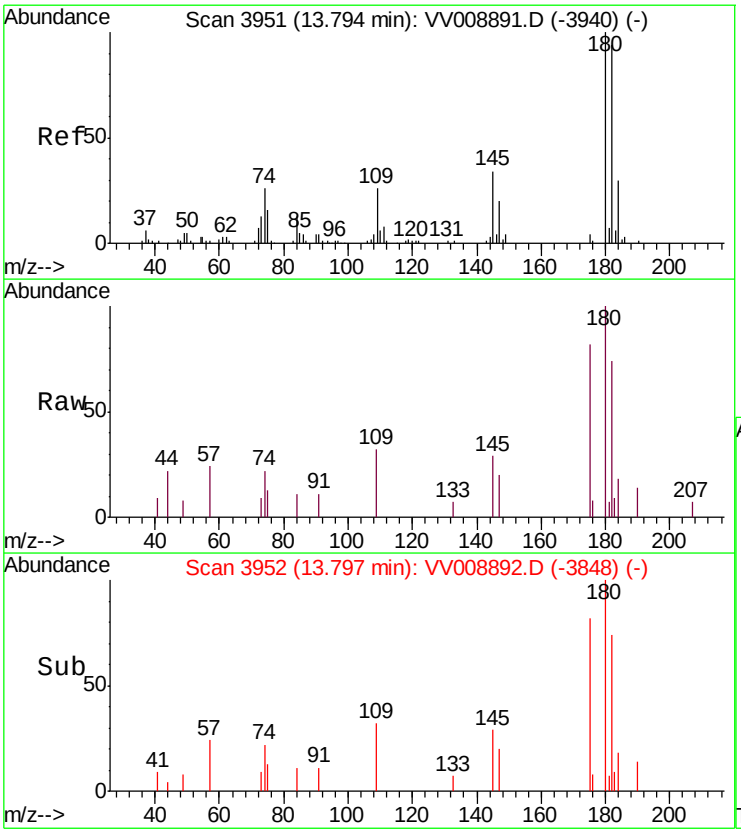
#69
Naphthalene
Concen: 1.048 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV008892.D
Acq: 11 Dec 2018 10:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK64

Tgt Ion:128 Resp: 4633

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.6	13.0
127	13.4	10.0	15.0





#70
1,2,3-Trichlorobenzene
Concen: 0.846 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV008892.D
Acq: 11 Dec 2018 10:51

Tgt Ion:180 Resp: 2007

Ion	Ratio	Lower	Upper
180	100		
182	101.6	76.1	114.1
145	33.1	26.7	40.1