Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\

Quantitation Report (Not Reviewed)

Data File : VV009053.D
Acq On : 19 Dec 2018 16:18
Operator : SY/MD
Sample : J6441-03
Misc : 4.33G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BE814

Quant Time: Dec 20 02:02:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 01:58:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	144018	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	96457	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21725	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	35816	24.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.12%			
7) Chloroethane-d5	1.58	69	49008	44.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 178.04%#			
10) 1,1-Dichloroethene-d2	2.13	63	101313	27.19	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 108.76%			
20) 2-Butanone-d5	3.94	46	26578	48.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.96%			
24) Chloroform-d	4.40	84	115093	33.24	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 132.96%			
26) 1,2-Dichloroethane-d4	5.08	65	57642	30.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 122.04%			
29) Benzene-d6	5.10	84	207927	38.60	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 154.40%#			
33) 1,2-Dichloropropane-d6	6.12	67	71819	47.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 190.48%#			
37) Toluene-d8	7.36	98	158586	31.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 127.24%			
38) trans-1,3-Dichloropropene-	7.67	79	15236	22.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.96%			
39) 2-Hexanone-d5	8.14	63	13149	47.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.18%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37734	29.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.32%			
61) 1,2-Dichlorobenzene-d4	11.68	152	26355	32.32	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 129.28%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	856	0.461	ug/L #	1
13) Acetone	2.19	43	34253	42.847	ug/L	100
14) Carbon disulfide	2.32	76	2873	0.482	ug/L	95
16) Methylene chloride	2.53	84	3459	1.426	ug/L	86
21) 2-Butanone	4.03	43	8178	10.915	ug/L	90
25) Chloroform	4.42	83	1770	0.507	ug/L #	1
30) Cyclohexane	4.73	56	2382	0.981	ug/L #	88
34) Benzene	5.15	78	4179	0.723	ug/L	100
42) cis-1,3-Dichloropropene	7.04	75	1072	0.528	ug/L #	66
47) Tetrachloroethene	8.02	164	869	0.613	ug/L #	82
49) 2-Hexanone	8.19	43	3738	4.820	ug/L #	83
50) Dibromochloromethane	8.02	129	929	0.701	ug/L #	11
65) 1,2-Dichlorobenzene	11.69	146	503	0.390	ug/L #	74
69) Naphthalene	13.56	128	14420	11.817	ug/L	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\

Quantitation Report (Not Reviewed)

Data File : VV009053.D
Acq On : 19 Dec 2018 16:18
Operator : SY/MD
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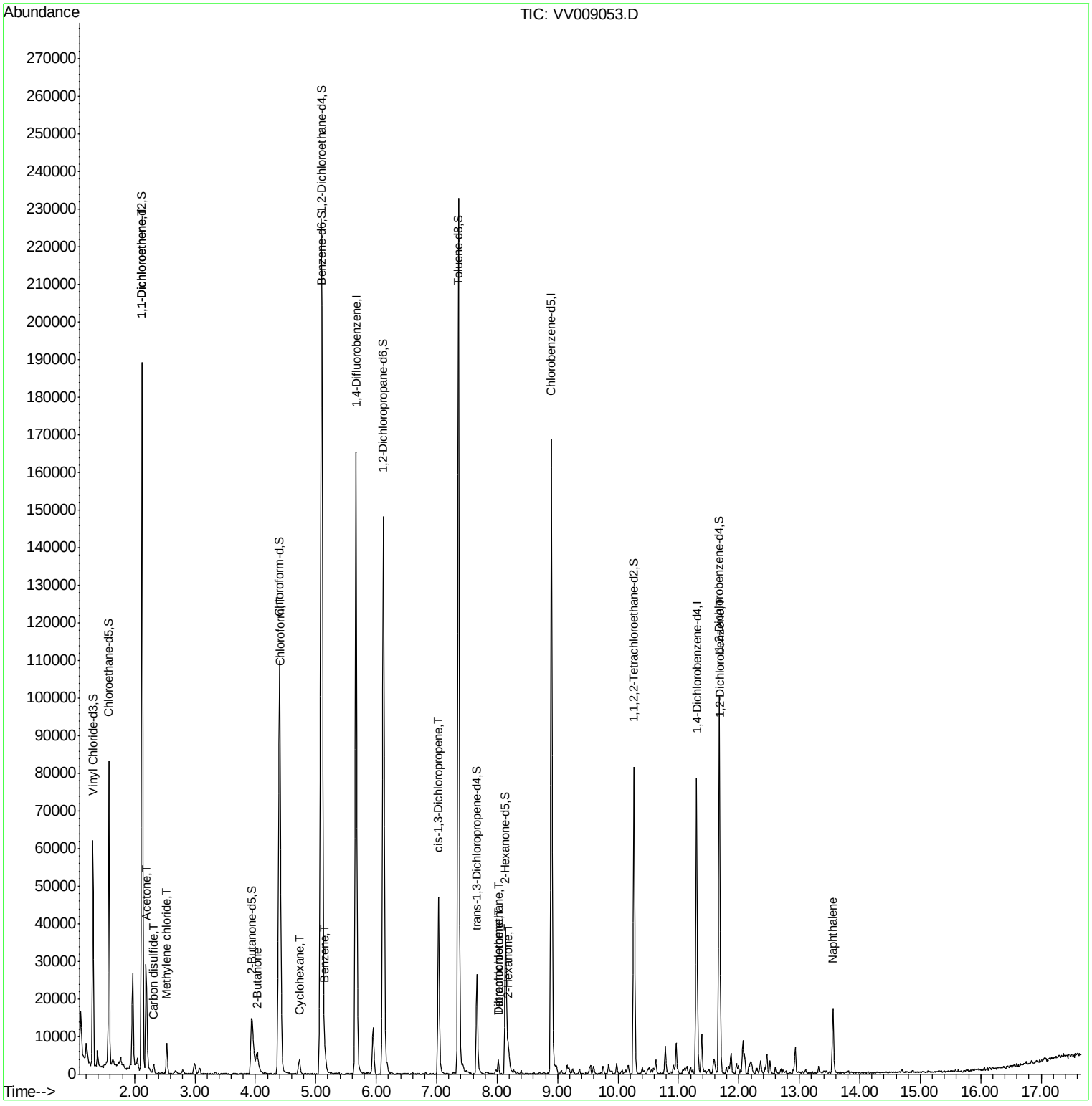
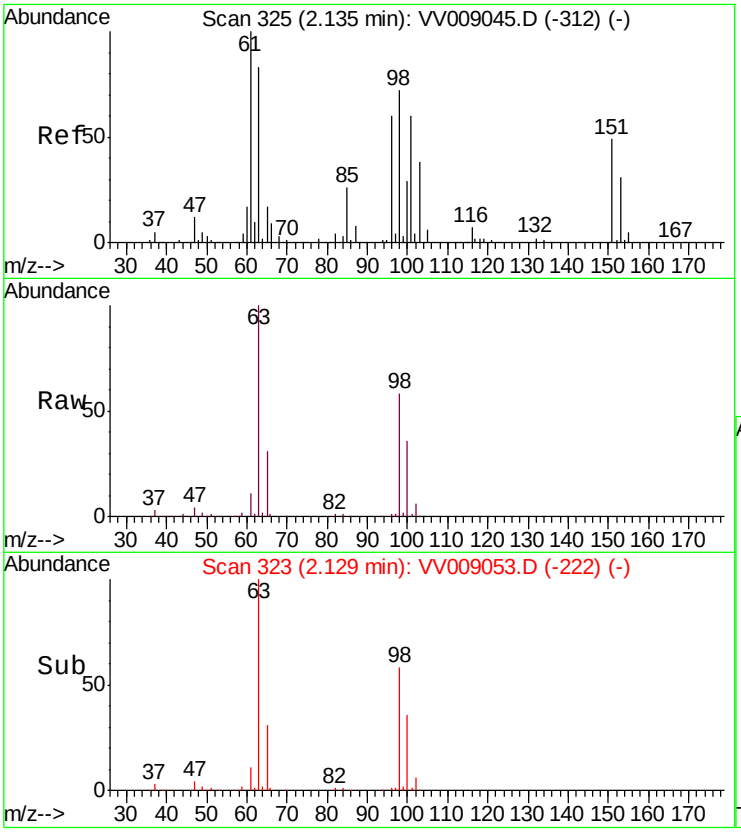
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BE814

Quant Time: Dec 20 02:02:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 01:58:47 2018
Response via : Initial Calibration



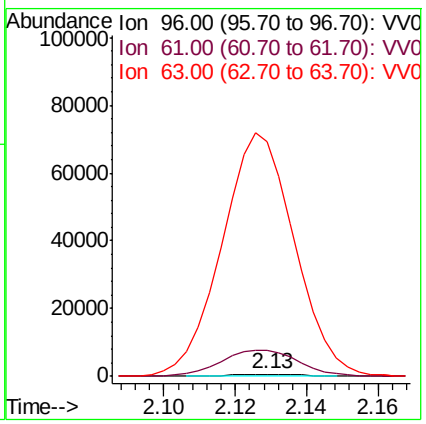


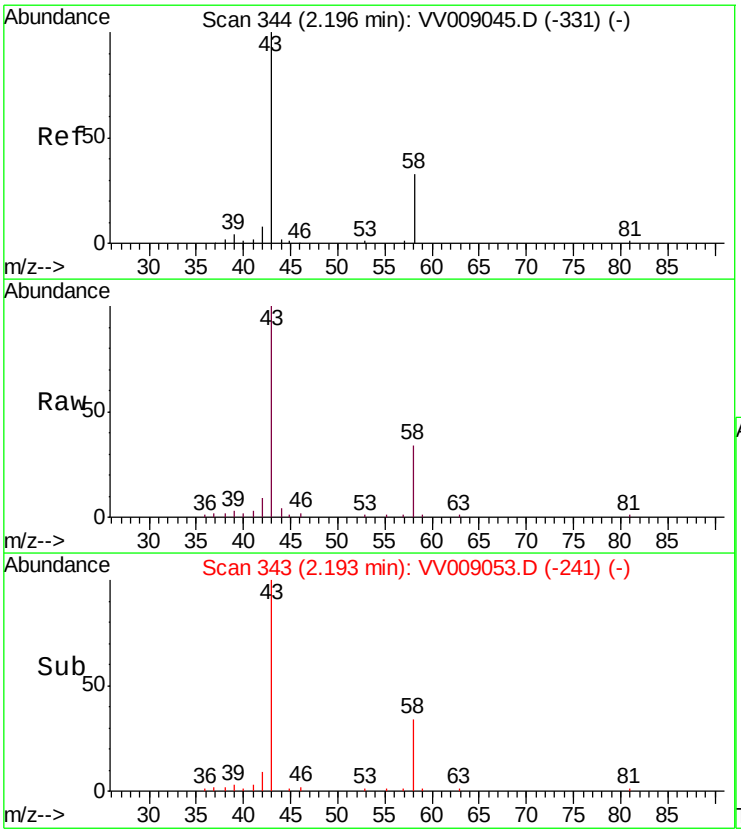
#12
1,1-Dichloroethene
Concen: 0.461 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV009053.D
Acq: 19 Dec 2018 16:18

Instrument :
MSVOA_V
ClientSampleId :
BE814

Tgt Ion: 96 Resp: 856

Ion	Ratio	Lower	Upper
96	100		
61	1332.2	114.0	211.6#
63	11966.9	82.4	153.0#

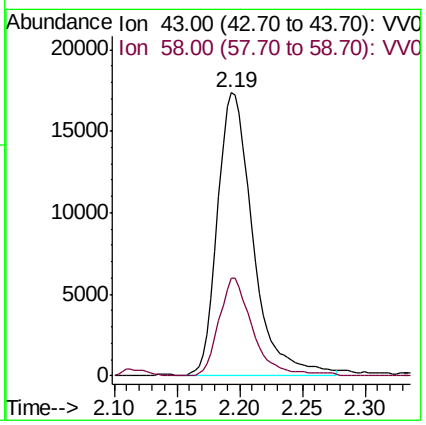


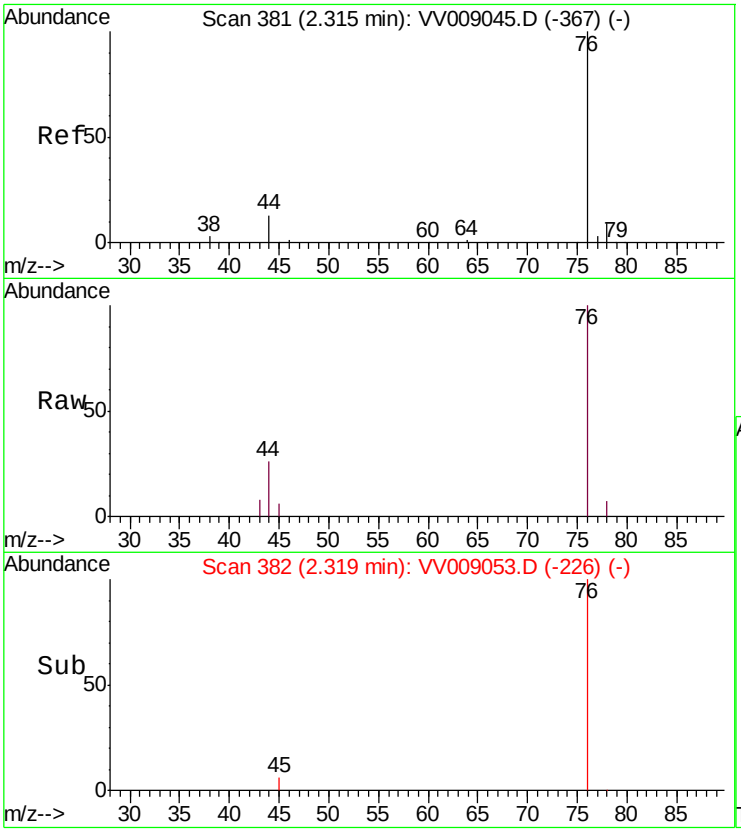


#13
Acetone
Concen: 42.847 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.00 min
Lab File: VV009053.D
Acq: 19 Dec 2018 16:18

Tgt Ion: 43 Resp: 34253

Ion	Ratio	Lower	Upper
43	100		
58	32.5	0.0	65.4



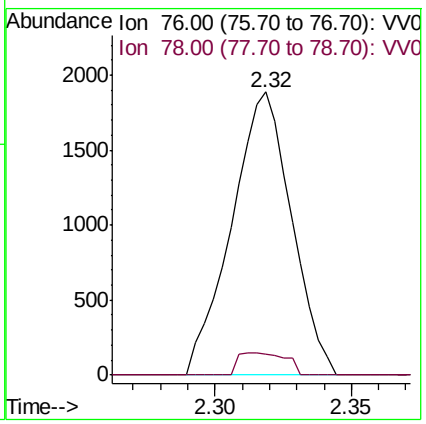


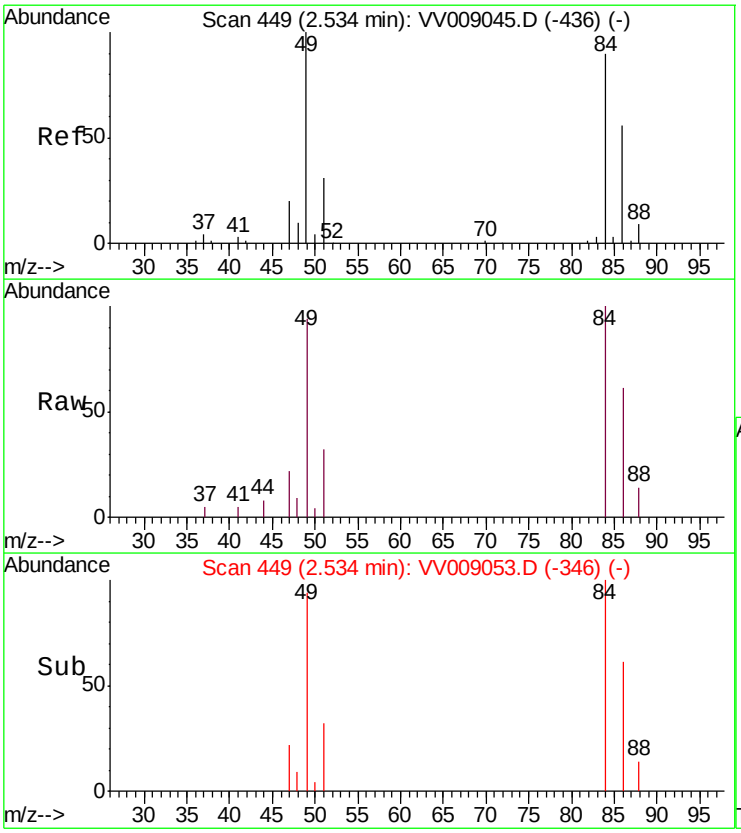
#14
Carbon disulfide
Concen: 0.482 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV009053.D
Acq: 19 Dec 2018 16:18

Instrument : MSVOA_V
ClientSampleId : BE814

Tgt Ion: 76 Resp: 2873

Ion	Ratio	Lower	Upper
76	100		
78	7.5	7.4	11.0

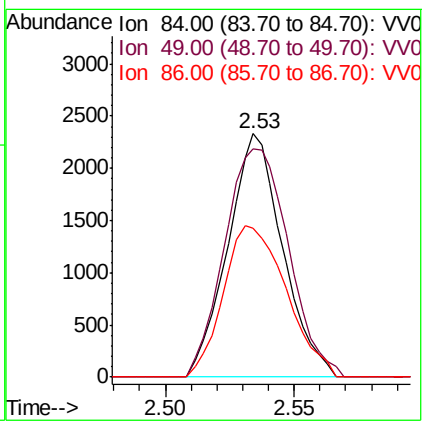


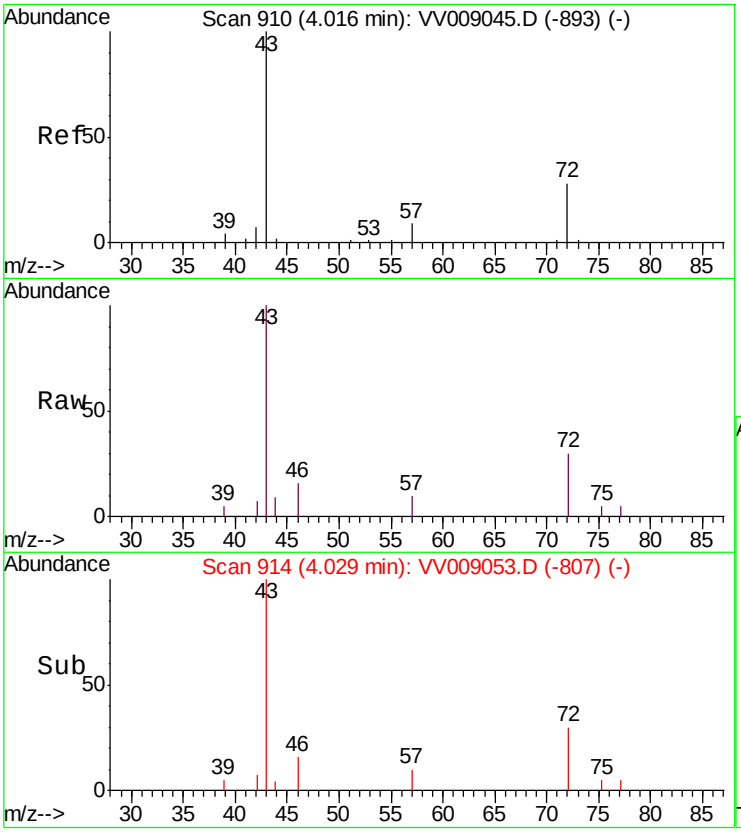


#16
Methylene chloride
Concen: 1.426 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009053.D
Acq: 19 Dec 2018 16:18

Tgt Ion: 84 Resp: 3459

Ion	Ratio	Lower	Upper
84	100		
49	93.7	80.5	149.5
86	61.1	45.5	84.5



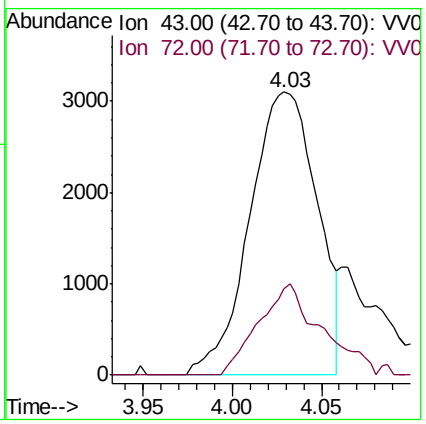


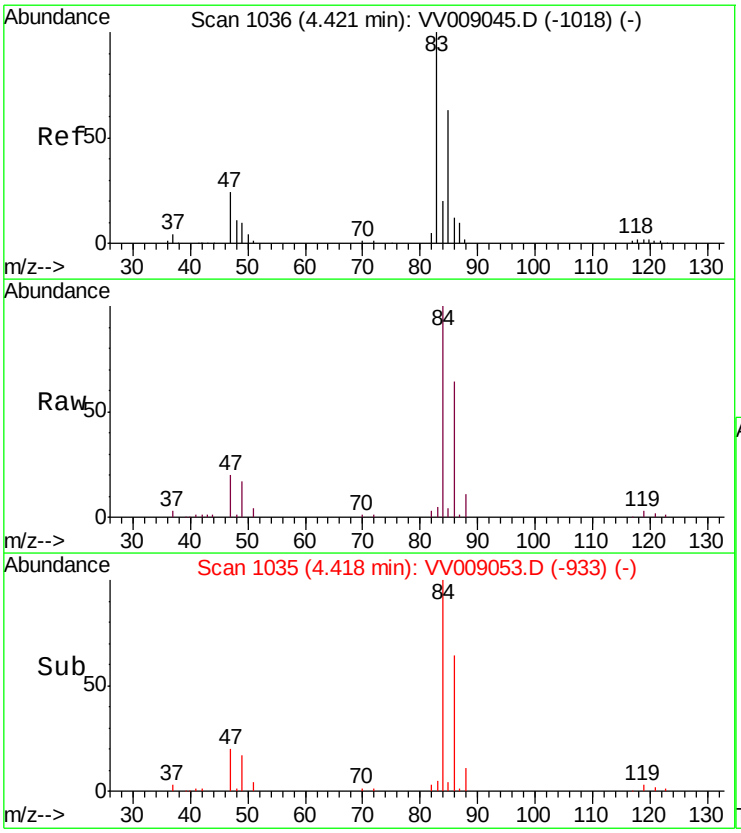
#21
2-Butanone
Concen: 10.915 ug/L
RT: 4.03 min Scan# 914
Delta R.T. 0.01 min
Lab File: VV009053.D
Acq: 19 Dec 2018 16:18

Instrument :
MSVOA_V
ClientSampleId :
BE814

Tgt Ion: 43 Resp: 8178

Ion	Ratio	Lower	Upper
43	100		
72	22.2	13.7	41.1

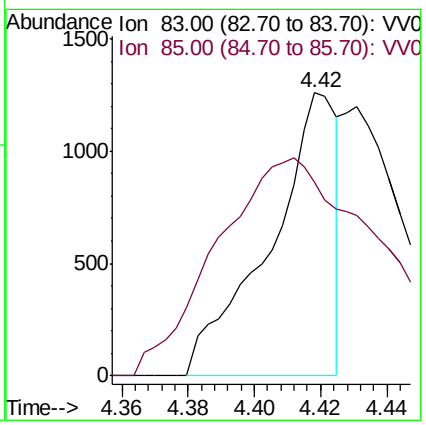


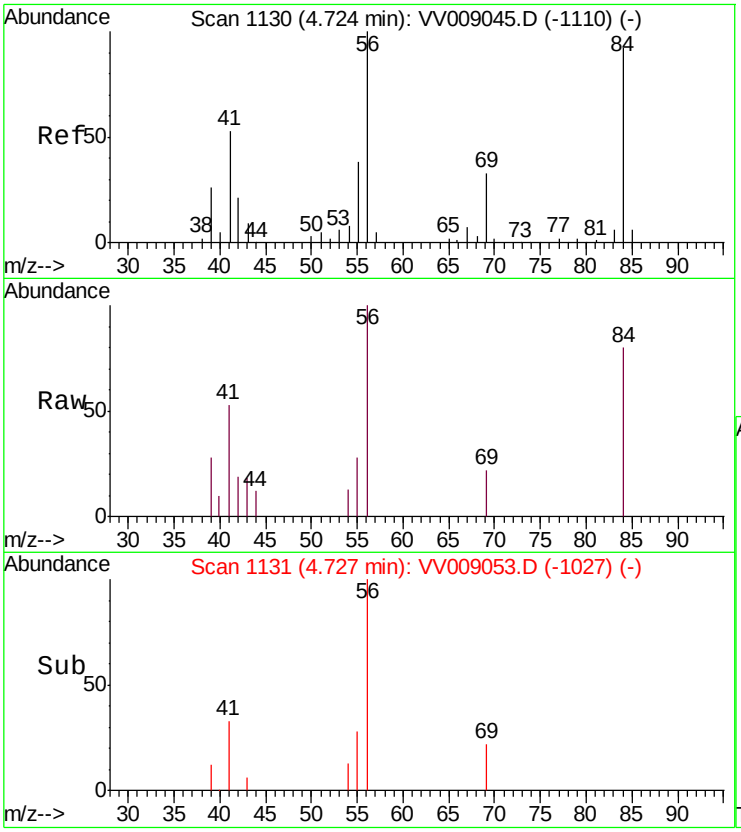


#25
Chloroform
Concen: 0.507 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV009053.D
Acq: 19 Dec 2018 16:18

Tgt Ion: 83 Resp: 1770

Ion	Ratio	Lower	Upper
83	100		
85	181.2	45.6	84.8#



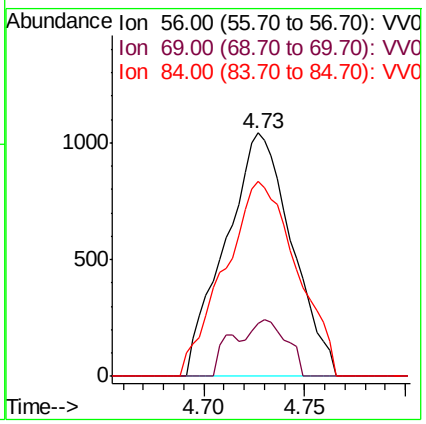


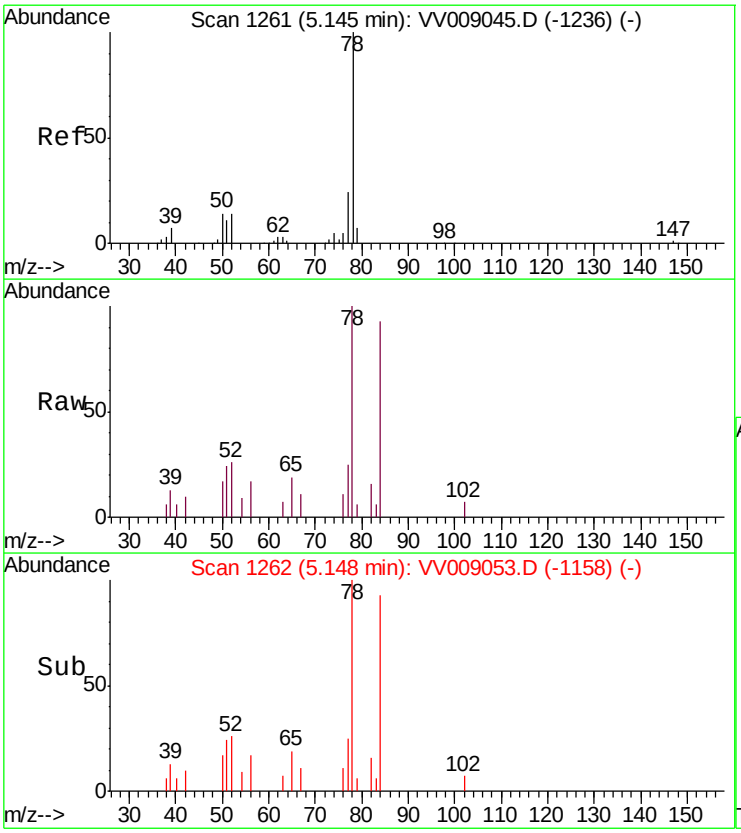
#30
Cyclohexane
Concen: 0.981 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VV009053.D
Acq: 19 Dec 2018 16:18

Instrument : MSVOA_V
ClientSampleId : BE814

Tgt Ion: 56 Resp: 2382

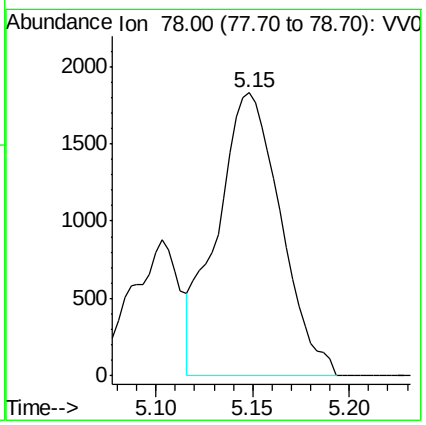
Ion	Ratio	Lower	Upper
56	100		
69	13.6	25.8	38.8#
84	87.0	73.0	109.6

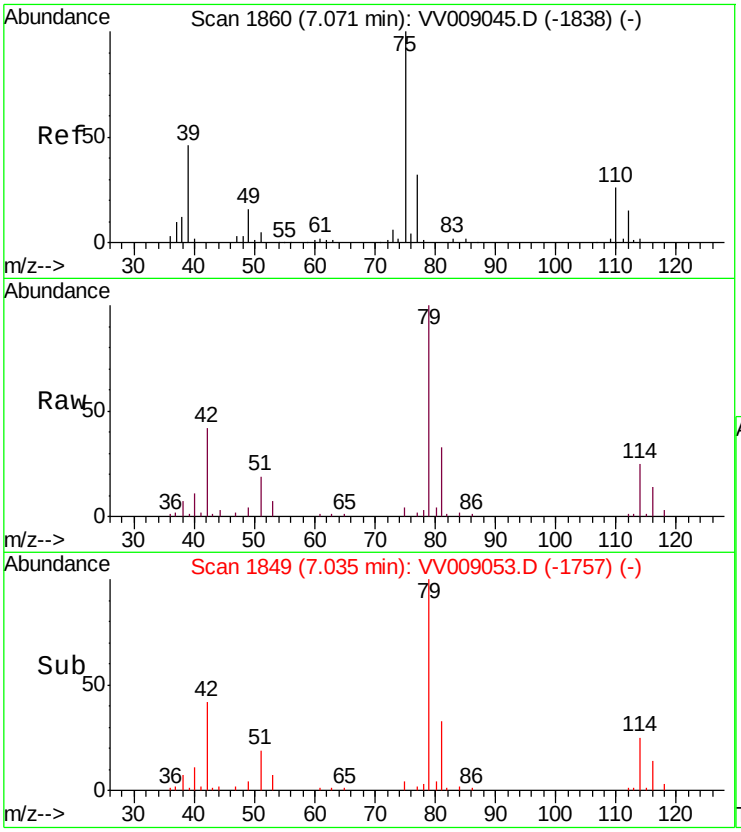




#34
Benzene
Concen: 0.723 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV009053.D
Acq: 19 Dec 2018 16:18

Tgt Ion: 78 Resp: 4179



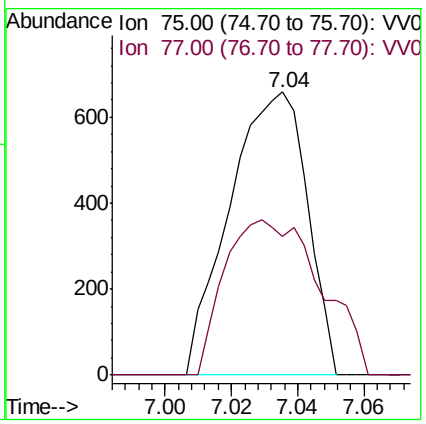


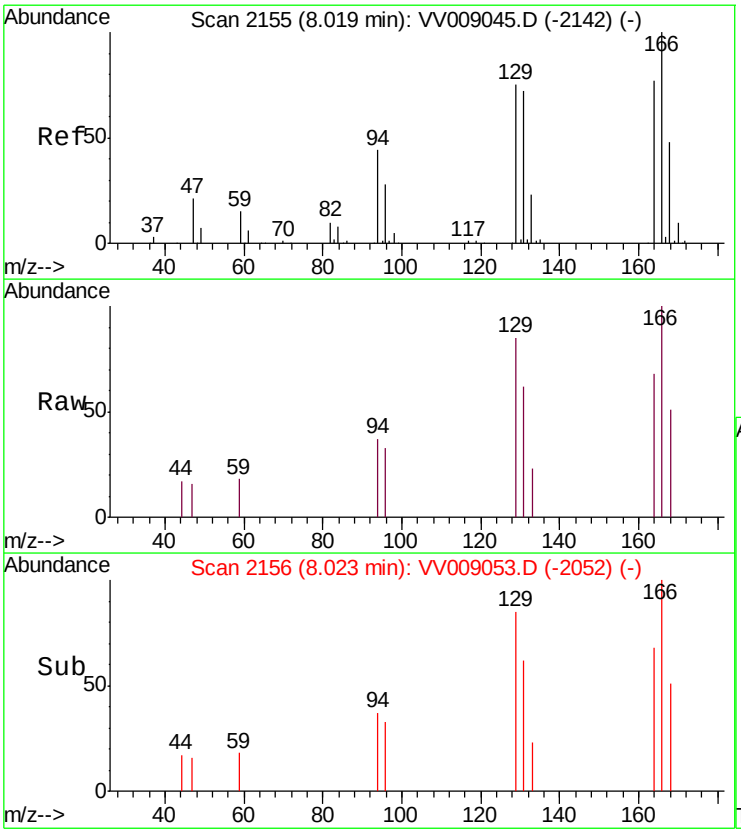
#42
cis-1,3-Dichloropropene
Concen: 0.528 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV009053.D
Acq: 19 Dec 2018 16:18

Instrument : MSVOA_V
ClientSampleId : BE814

Tgt Ion: 75 Resp: 1072

Ion	Ratio	Lower	Upper
75	100		
77	49.2	21.3	39.6#

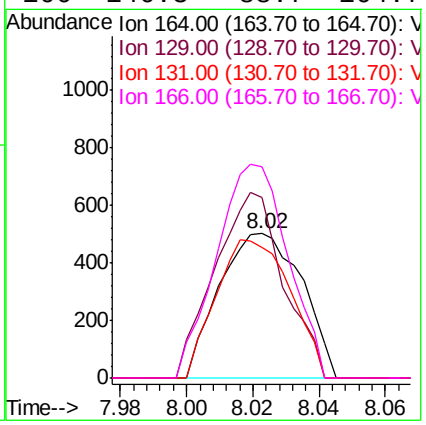


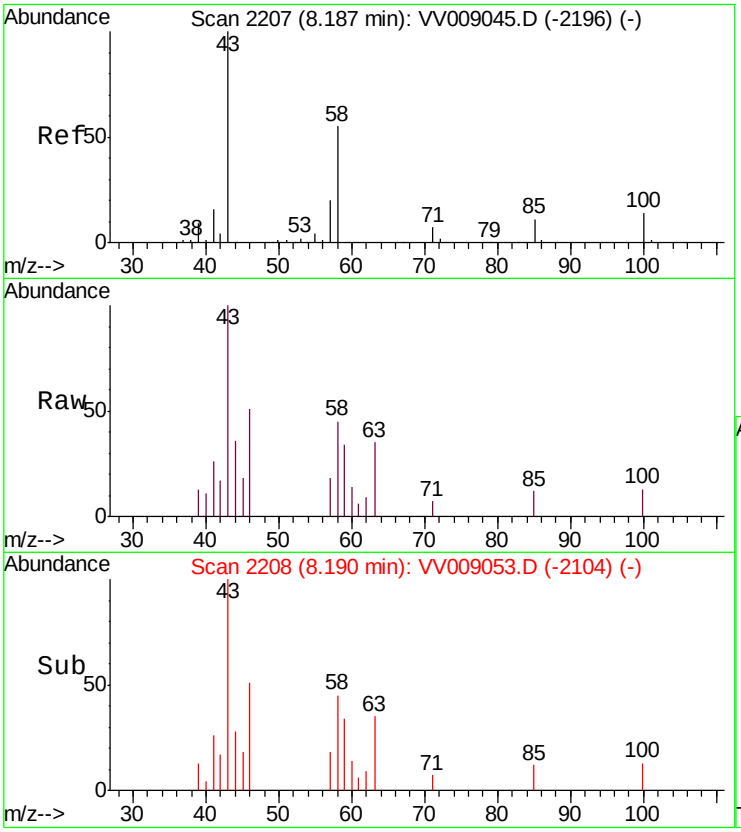


#47
Tetrachloroethene
Concen: 0.613 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV009053.D
Acq: 19 Dec 2018 16:18

Tgt Ion:164 Resp: 869

Ion	Ratio	Lower	Upper
164	100		
129	125.0	64.6	120.0#
131	90.7	64.5	119.7
166	146.3	88.7	164.7



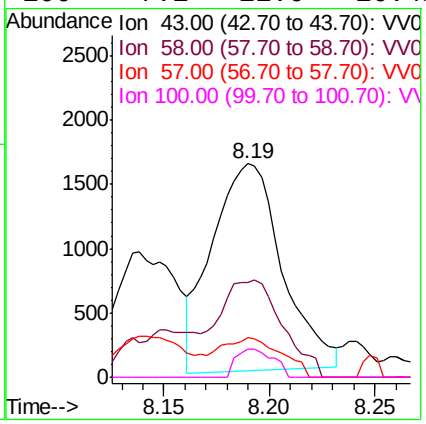


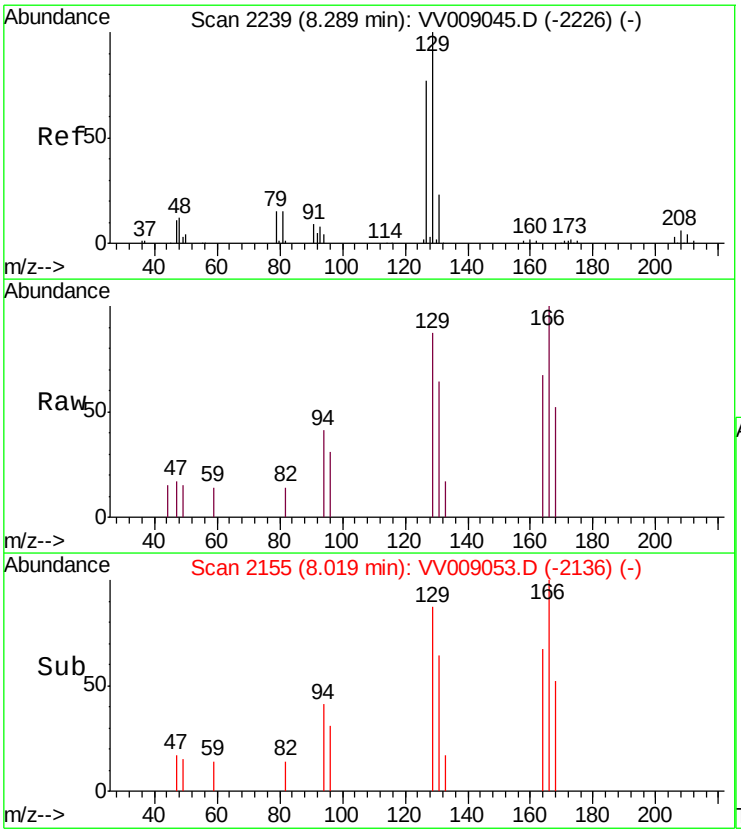
#49
2-Hexanone
Concen: 4.820 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV009053.D
Acq: 19 Dec 2018 16:18

Instrument : MSVOA_V
ClientSampleId : BE814

Tgt Ion: 43 Resp: 3738

Ion	Ratio	Lower	Upper
43	100		
58	40.3	43.9	65.9#
57	16.3	15.7	23.5
100	7.1	11.0	16.4#

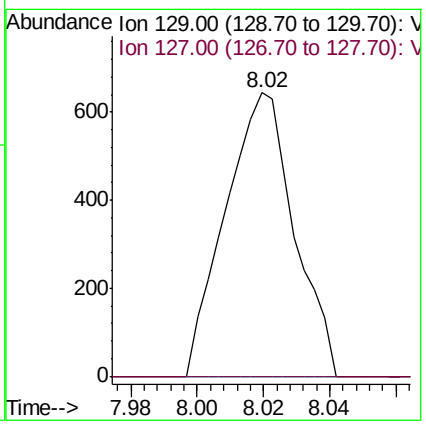


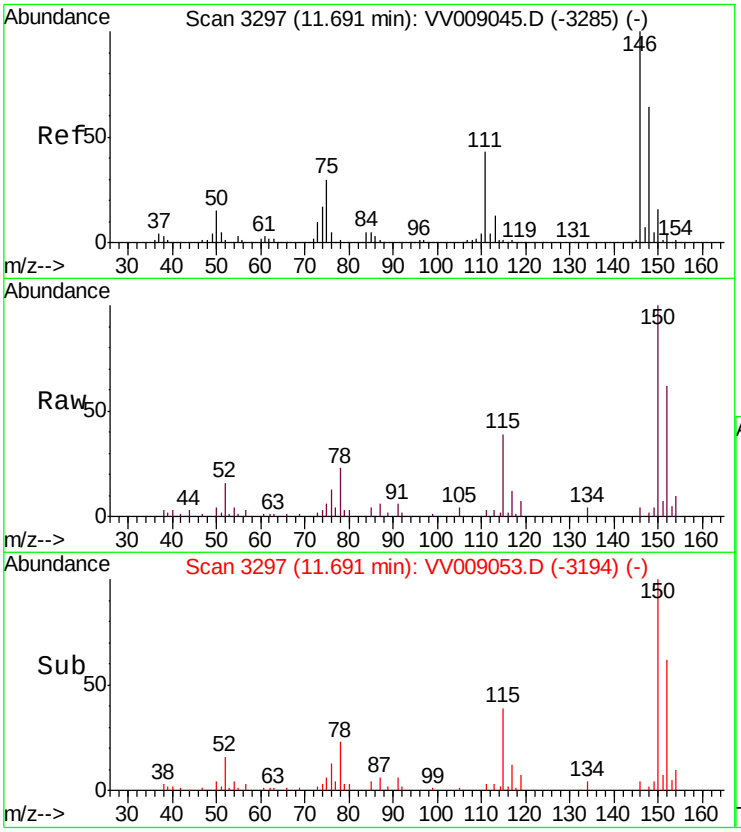


#50
Dibromochloromethane
Concen: 0.701 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV009053.D
Acq: 19 Dec 2018 16:18

Tgt Ion:129 Resp: 929

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.3#



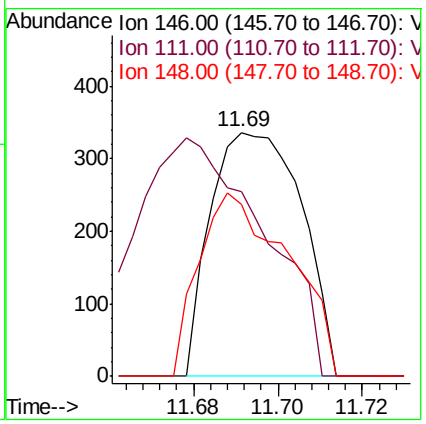


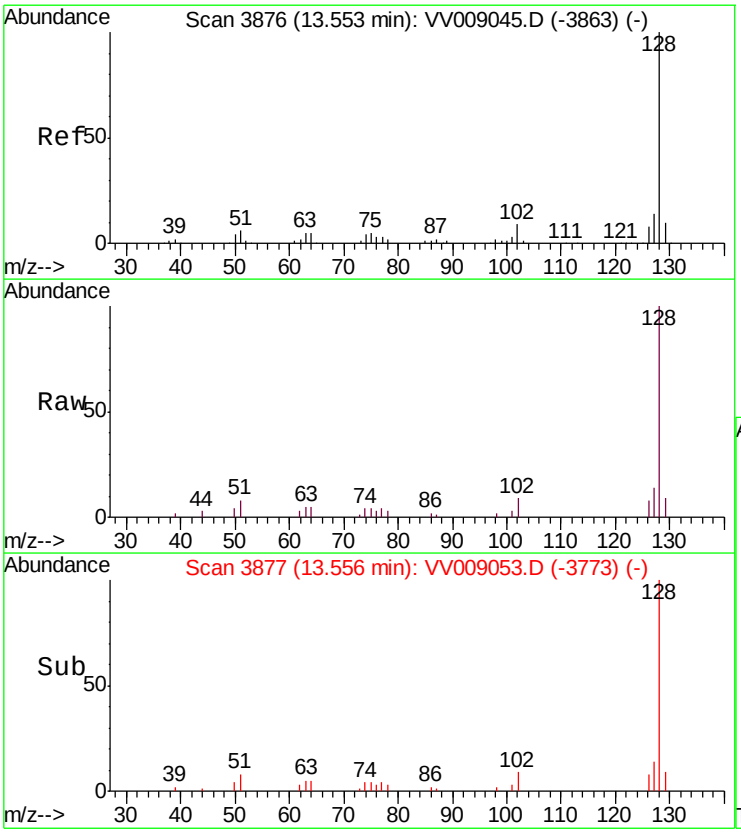
#65
1,2-Dichlorobenzene
Concen: 0.390 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VV009053.D
Acq: 19 Dec 2018 16:18

Instrument : MSVOA_V
ClientSampleId : BE814

Tgt Ion:146 Resp: 503

Ion	Ratio	Lower	Upper
146	100		
111	75.6	34.2	51.4#
148	70.5	51.0	76.6





#69
Naphthalene
Concen: 11.817 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009053.D
Acq: 19 Dec 2018 16:18

Tgt Ion:128 Resp: 14420

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	13.0
127	12.7	10.0	15.0