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

Quantitation Report (Not Reviewed)

Data File : VV009057.D
Acq On : 19 Dec 2018 17:57
Operator : SY/MD
Sample : J6468-05
Misc : 5.98G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG3

Quant Time: Dec 20 02:03:57 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	116808	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	60944	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	9640	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	37734	31.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 124.88%			
7) Chloroethane-d5	1.58	69	38590	43.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 172.84%#			
10) 1,1-Dichloroethene-d2	2.13	63	90647	29.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 119.96%#			
20) 2-Butanone-d5	3.94	46	18768	42.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.30%			
24) Chloroform-d	4.40	84	87198	31.05	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 124.20%			
26) 1,2-Dichloroethane-d4	5.08	65	47104	30.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 122.96%			
29) Benzene-d6	5.10	84	155408	45.66	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 182.64%#			
33) 1,2-Dichloropropane-d6	6.12	67	53149	55.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 223.12%#			
37) Toluene-d8	7.36	98	103729	32.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 131.72%#			
38) trans-1,3-Dichloropropene-	7.67	79	9414	22.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.96%			
39) 2-Hexanone-d5	8.14	63	10856	62.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.38%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35604	44.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 178.16%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	13964	38.60	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 154.40%#			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	785	0.521	ug/L #	1
13) Acetone	2.20	43	4369	6.738	ug/L	48
14) Carbon disulfide	2.32	76	1493	0.309	ug/L #	65
16) Methylene chloride	2.54	84	3941	2.004	ug/L	86
18) trans-1,2-Dichloroethene	2.79	96	1187	0.730	ug/L	79
21) 2-Butanone	4.00	43	8172	13.447	ug/L #	50
22) cis-1,2-Dichloroethene	3.96	96	7318	4.314	ug/L	89
25) Chloroform	4.43	83	2759	0.975	ug/L #	67
27) 1,2-Dichloroethane	5.10	62	780	0.405	ug/L #	75
35) Trichloroethene	5.96	95	6950	6.314	ug/L	98
36) Methylcyclohexane	6.12	83	13734	7.823	ug/L #	20
40) 1,2-Dichloropropane	6.12	63	6023	6.873	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	871	0.679	ug/L #	75
43) 4-Methyl-2-pentanone	7.28	43	591	0.998	ug/L #	53
47) Tetrachloroethene	8.02	164	556	0.621	ug/L	80
49) 2-Hexanone	8.18	43	5427	11.075	ug/L #	49
50) Dibromochloromethane	8.02	129	342	0.409	ug/L #	11

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

Quantitation Report (Not Reviewed)

Data File : VV009057.D
Acq On : 19 Dec 2018 17:57
Operator : SY/MD
Sample : J6468-05
Misc : 5.98G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG3

Quant Time: Dec 20 02:03:57 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)
59) 1,2,3-Trichloropropane	11.30	75	1001	1.466	ug/L		98
64) 1,4-Dichlorobenzene	11.33	146	347	0.543	ug/L	#	80
69) Naphthalene	13.56	128	1064	1.965	ug/L	#	70

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

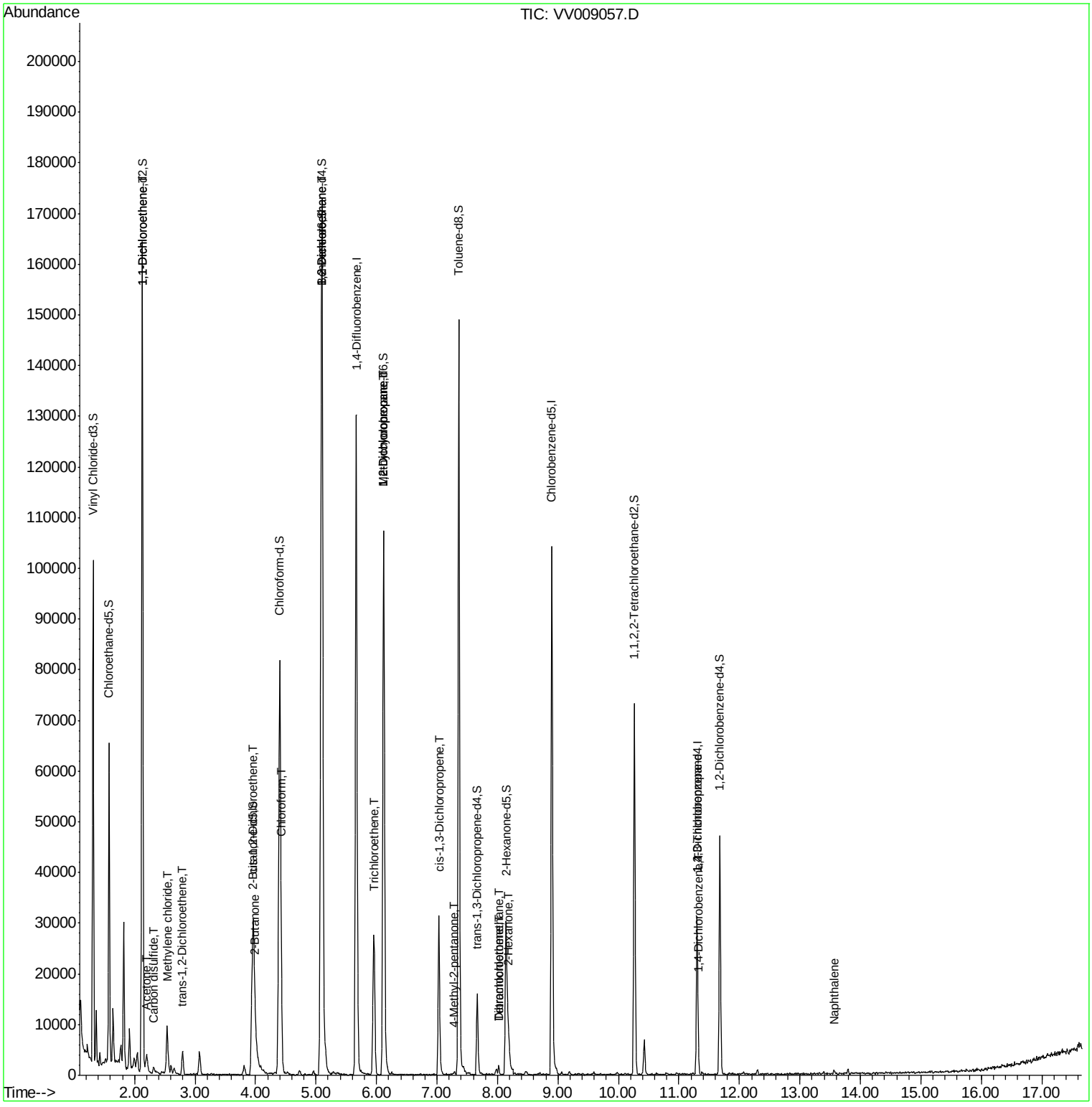
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\

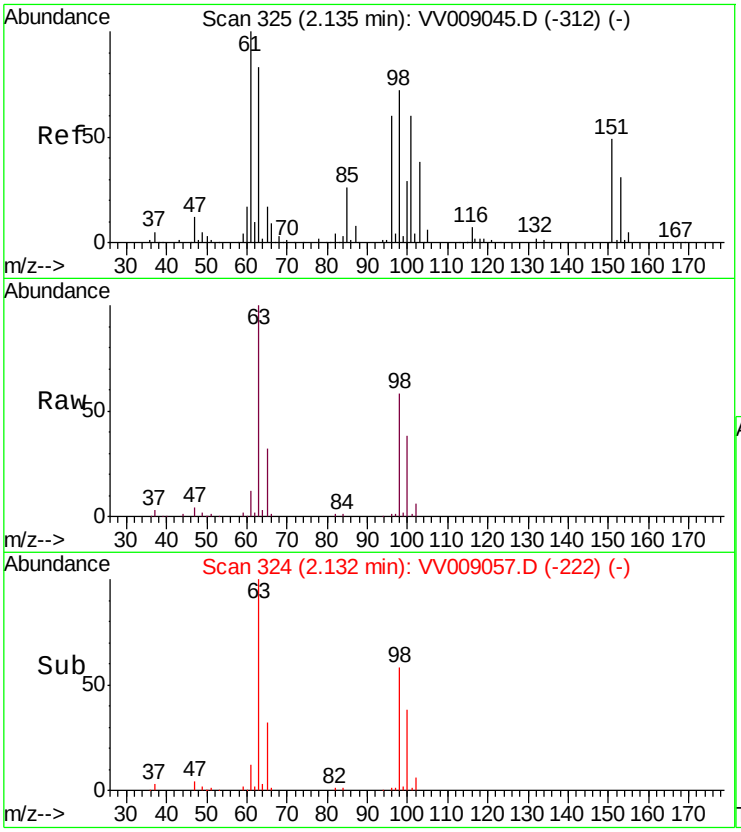
Quantitation Report (Not Reviewed)

Data File : VV009057.D
Acq On : 19 Dec 2018 17:57
Operator : SY/MD
Sample : J6468-05
Misc : 5.98G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG3

Quant Time: Dec 20 02:03:57 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



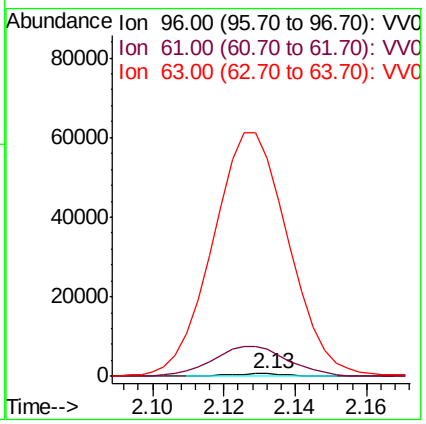


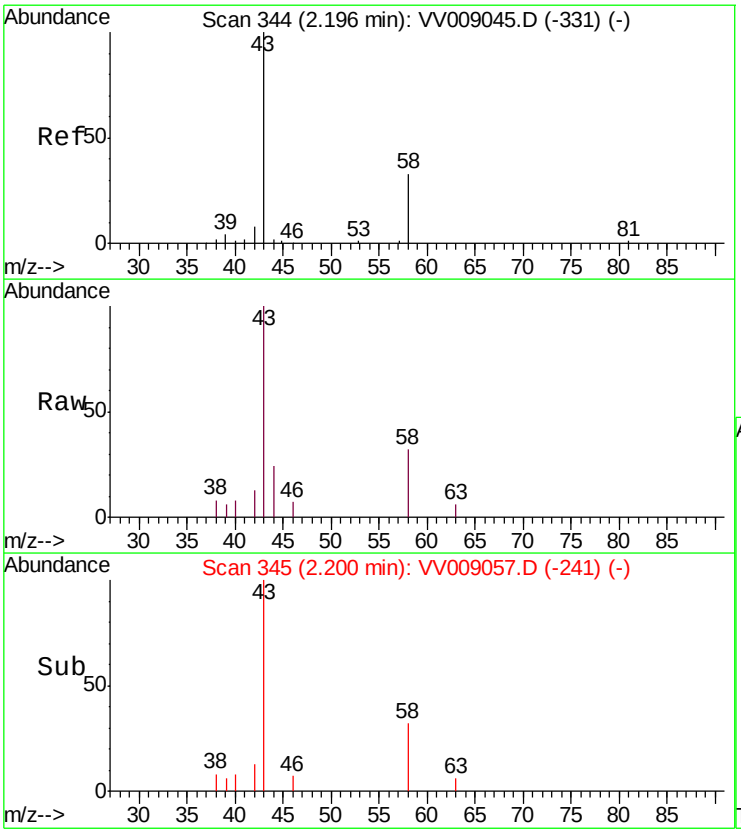
#12
1,1-Dichloroethene
Concen: 0.521 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Instrument : MSVOA_V
ClientSampleId : C0JG3

Tgt Ion: 96 Resp: 785

Ion	Ratio	Lower	Upper
96	100		
61	1119.3	114.0	211.6#
63	9118.7	82.4	153.0#

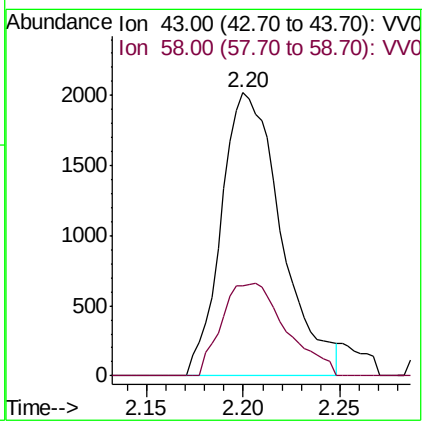


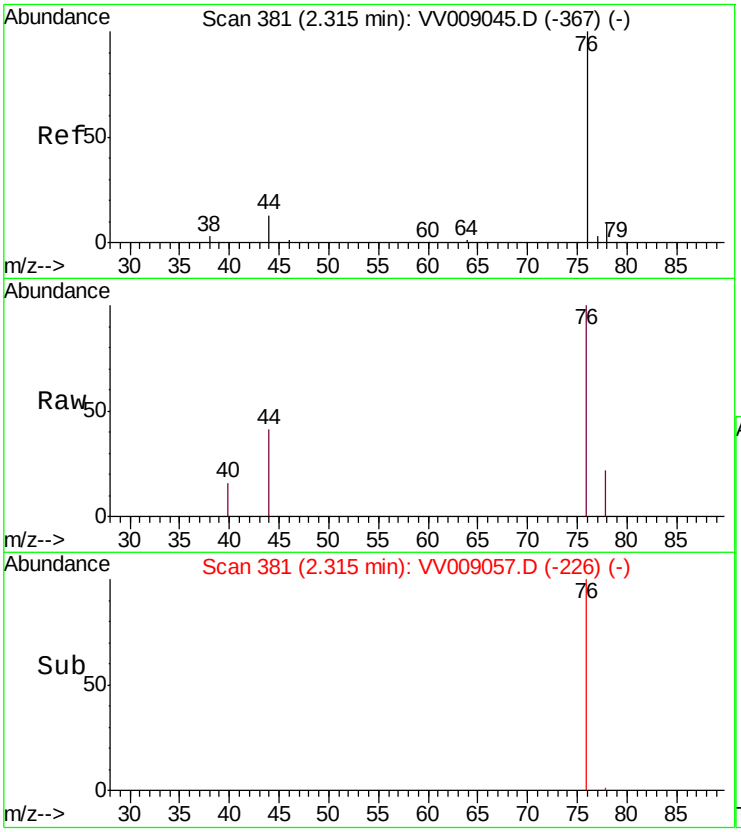


#13
Acetone
Concen: 6.738 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.00 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Tgt Ion: 43 Resp: 4369

Ion	Ratio	Lower	Upper
43	100		
58	3.2	0.0	65.4



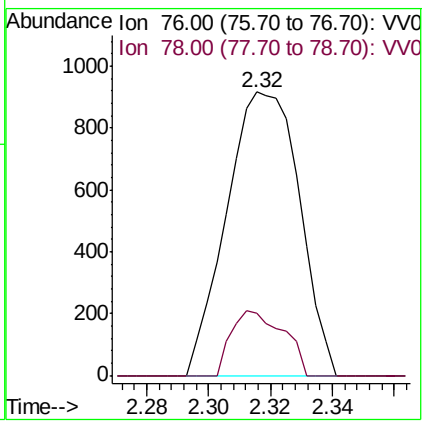


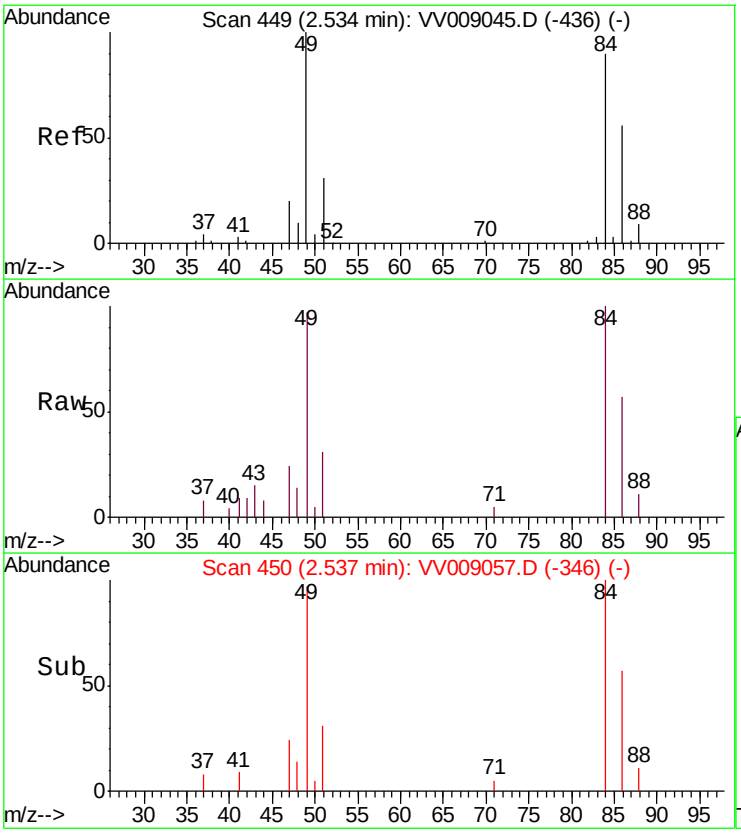
#14
Carbon disulfide
Concen: 0.309 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Instrument : MSVOA_V
ClientSampleId : C0JG3

Tgt Ion: 76 Resp: 1493

Ion	Ratio	Lower	Upper
76	100		
78	21.8	7.4	11.0#

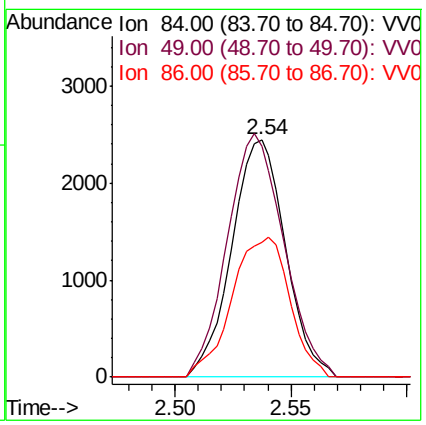


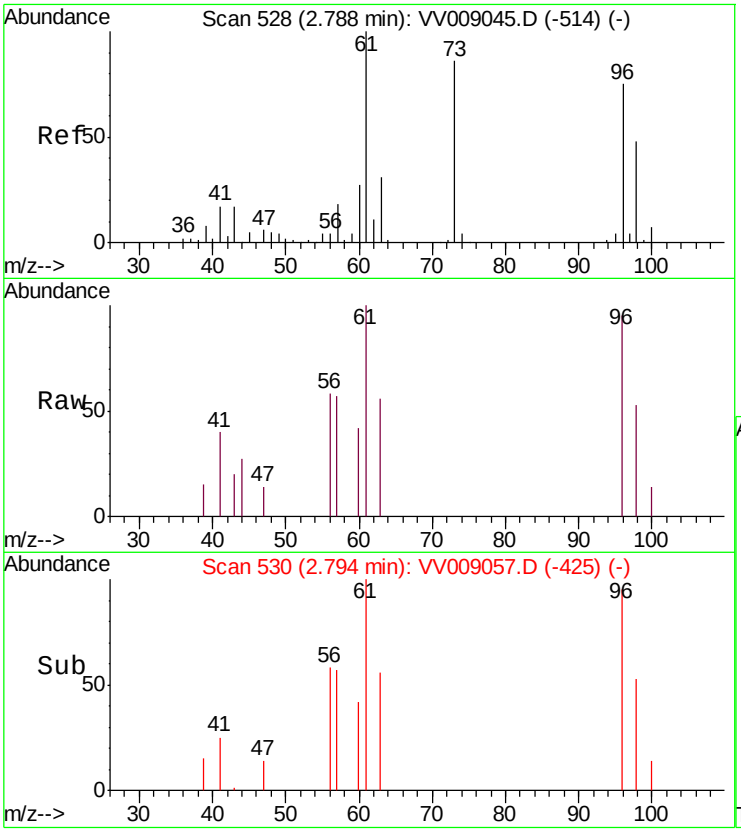


#16
Methylene chloride
Concen: 2.004 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Tgt Ion: 84 Resp: 3941

Ion	Ratio	Lower	Upper
84	100		
49	97.3	80.5	149.5
86	56.9	45.5	84.5



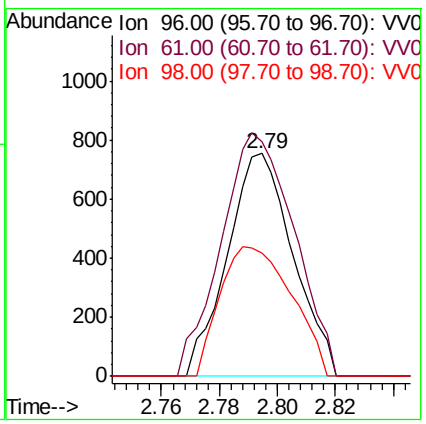


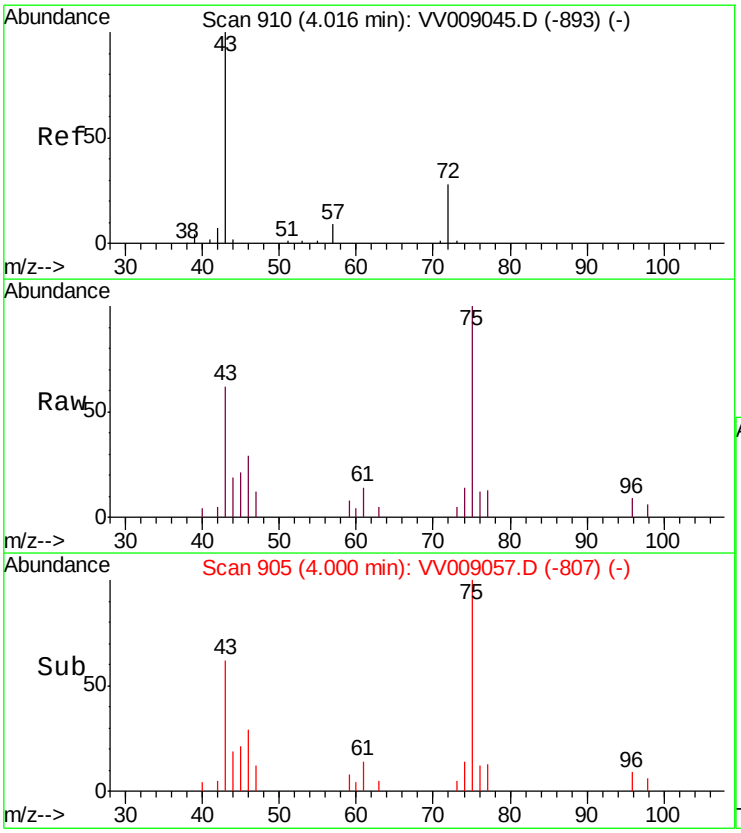
#18
trans-1,2-Dichloroethene
Concen: 0.730 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Instrument :
MSVOA_V
ClientSampleId :
C0JG3

Tgt Ion: 96 Resp: 1187

Ion	Ratio	Lower	Upper
96	100		
61	105.2	94.6	175.8
98	55.4	45.3	84.1

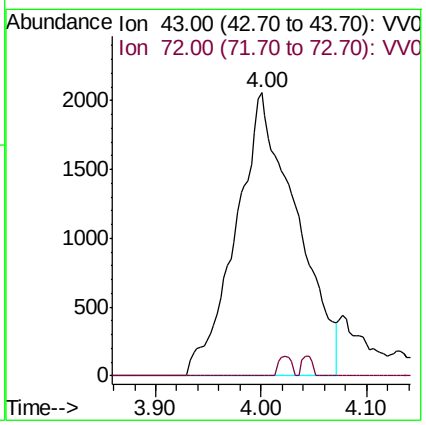


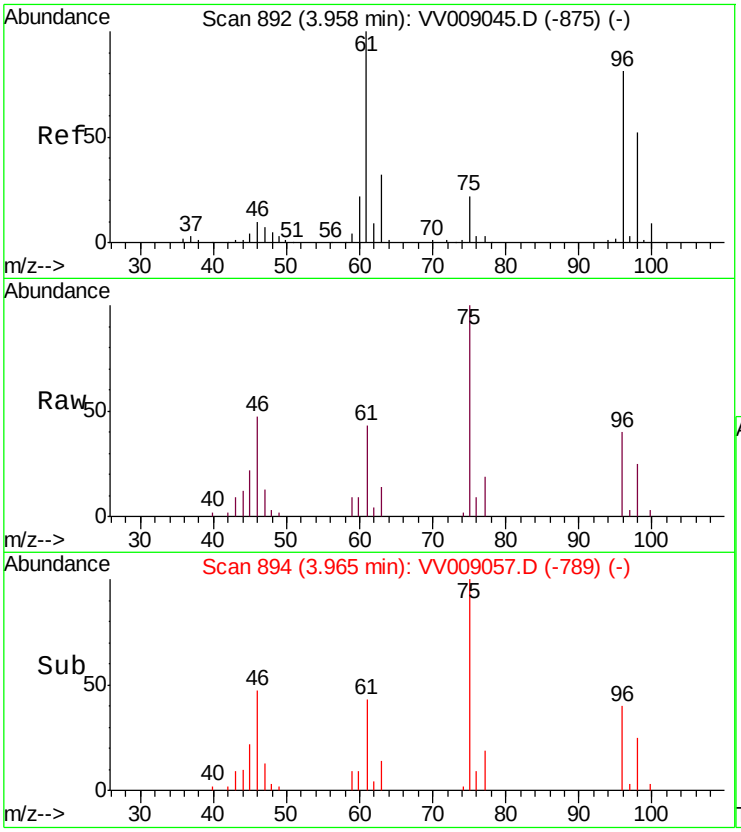


#21
2-Butanone
Concen: 13.447 ug/L
RT: 4.00 min Scan# 905
Delta R.T. -0.02 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Tgt Ion: 43 Resp: 8172

Ion	Ratio	Lower	Upper
43	100		
72	1.5	13.7	41.1#



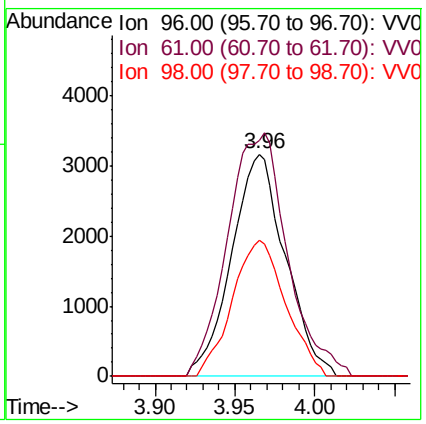


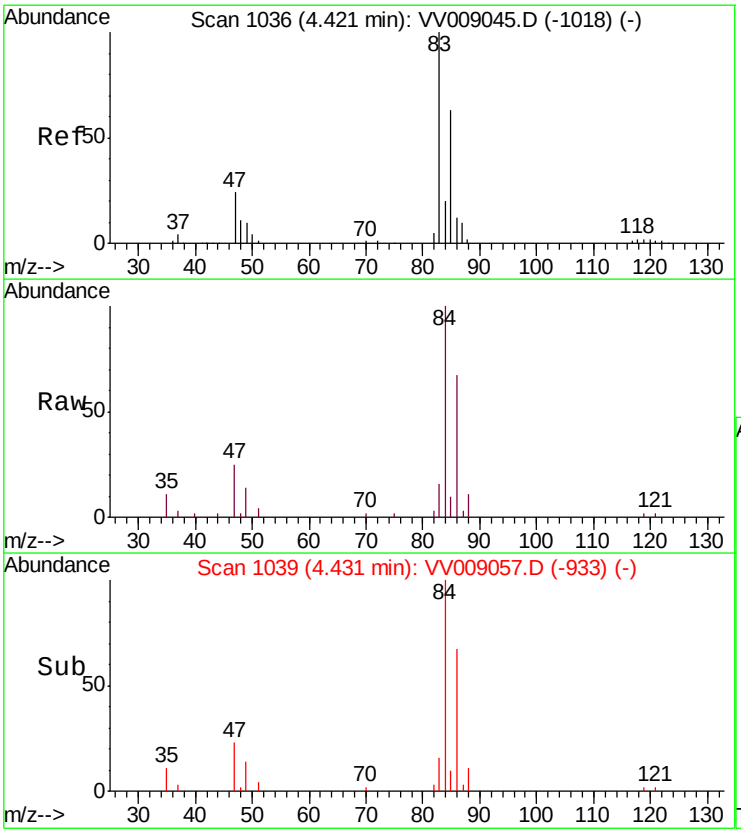
#22
cis-1,2-Dichloroethene
Concen: 4.314 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Instrument :
MSVOA_V
ClientSampleId :
C0JG3

Tgt Ion: 96 Resp: 7318

Ion	Ratio	Lower	Upper
96	100		
61	106.4	86.2	160.0
98	61.3	45.6	84.6

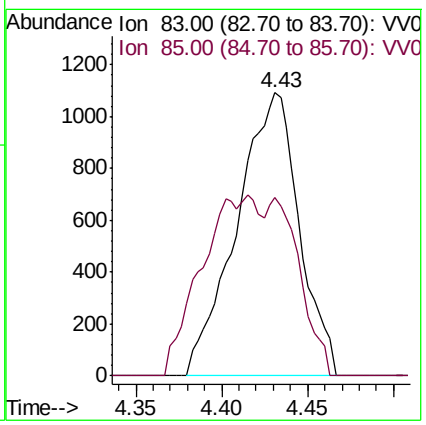


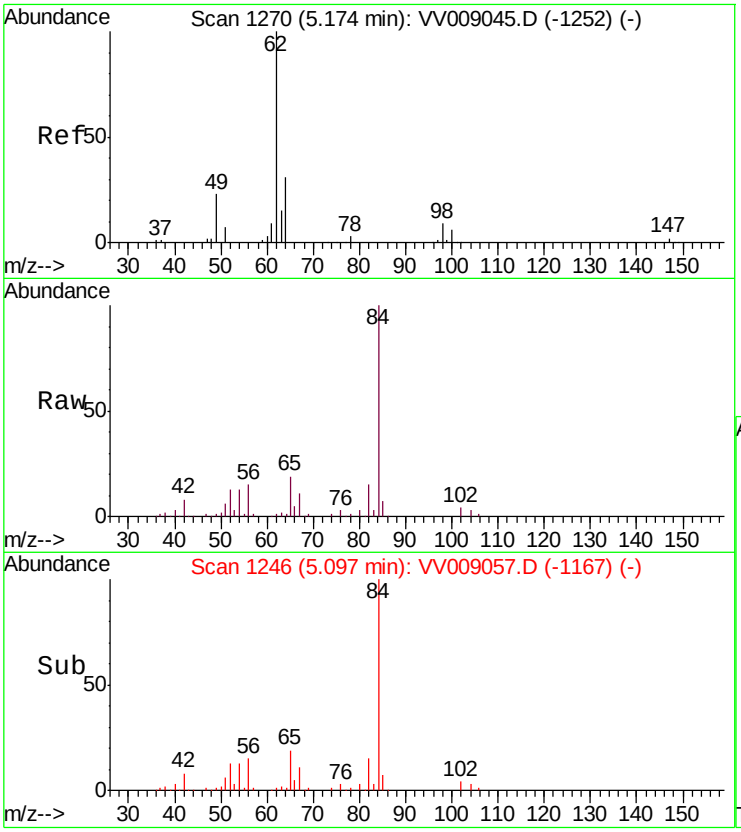


#25
Chloroform
Concen: 0.975 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Tgt Ion: 83 Resp: 2759

Ion	Ratio	Lower	Upper
83	100		
85	38.9	45.6	84.8#



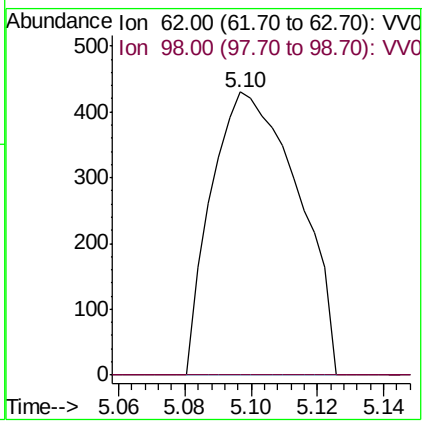


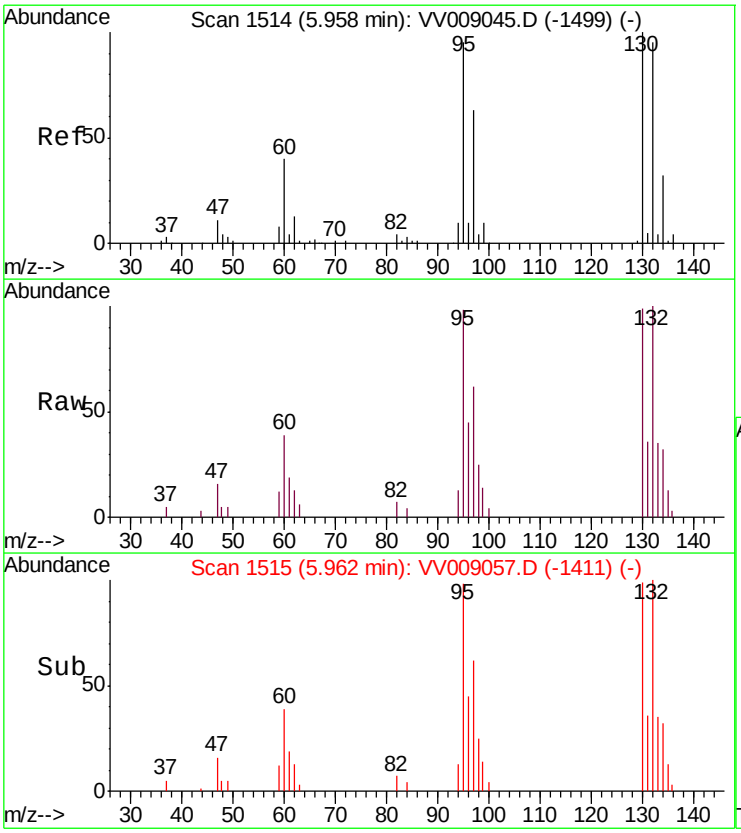
#27
1,2-Dichloroethane
Concen: 0.405 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Instrument : MSVOA_V
ClientSampleId : C0JG3

Tgt Ion: 62 Resp: 780

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.0#

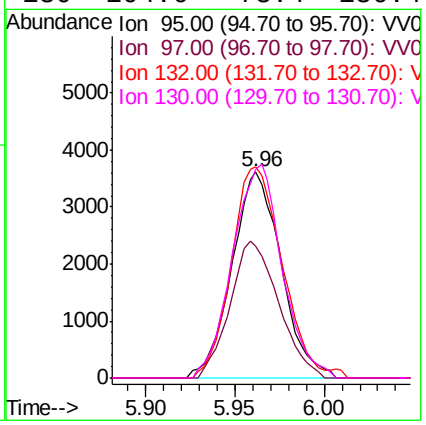


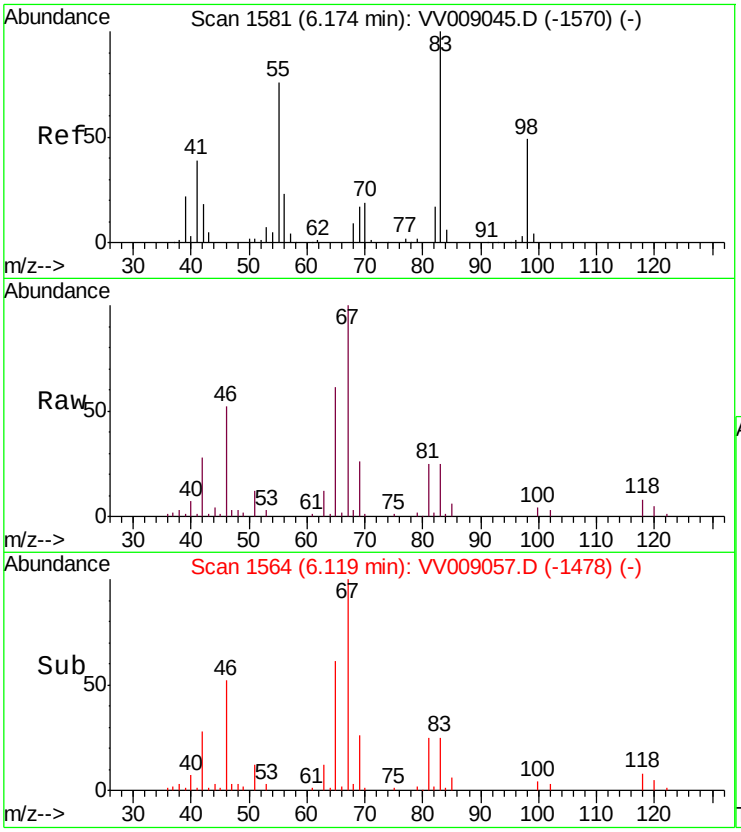


#35
Trichloroethene
Concen: 6.314 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Tgt Ion: 95 Resp: 6950

Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.3	84.1
132	104.5	70.0	130.0
130	104.6	73.4	136.4



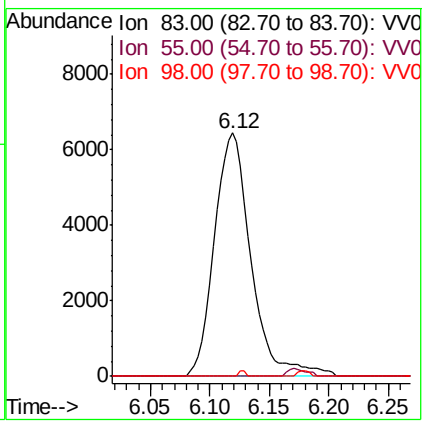


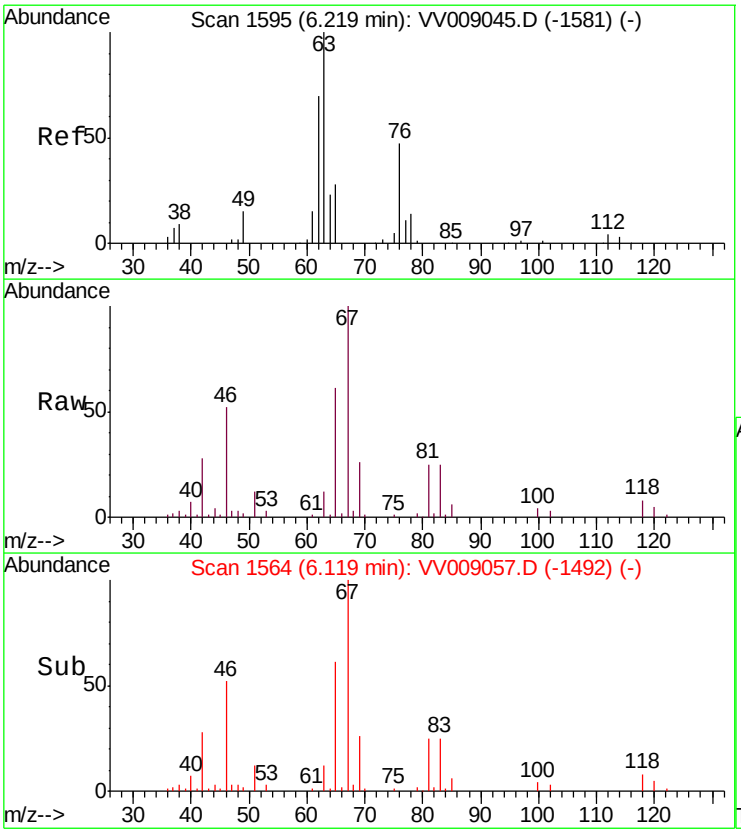
#36
Methylcyclohexane
Concen: 7.823 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Instrument : MSVOA_V
ClientSampleId : C0JG3

Tgt Ion: 83 Resp: 13734

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.2	87.2#
98	0.4	37.8	56.8#

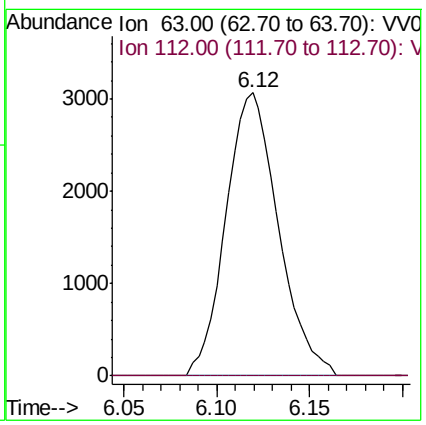


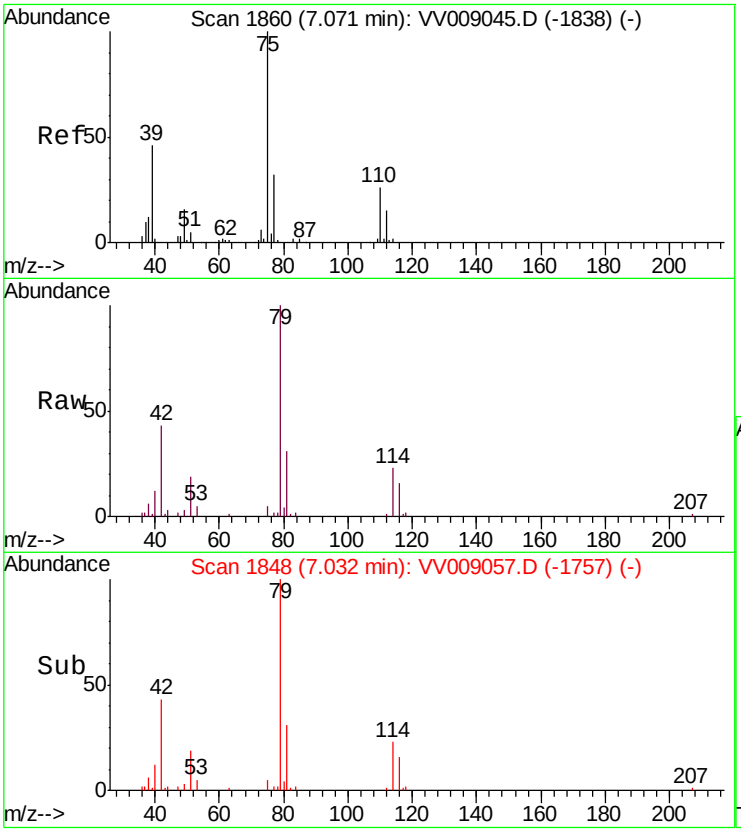


#40
1,2-Dichloropropane
Concen: 6.873 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Tgt Ion: 63 Resp: 6023

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



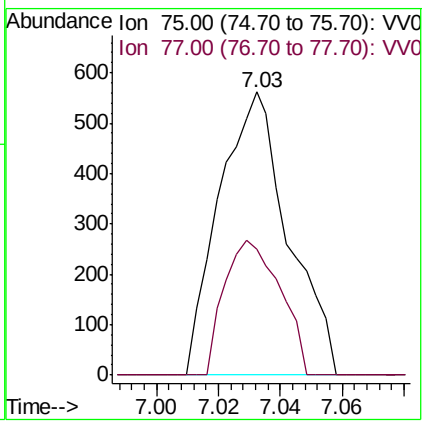


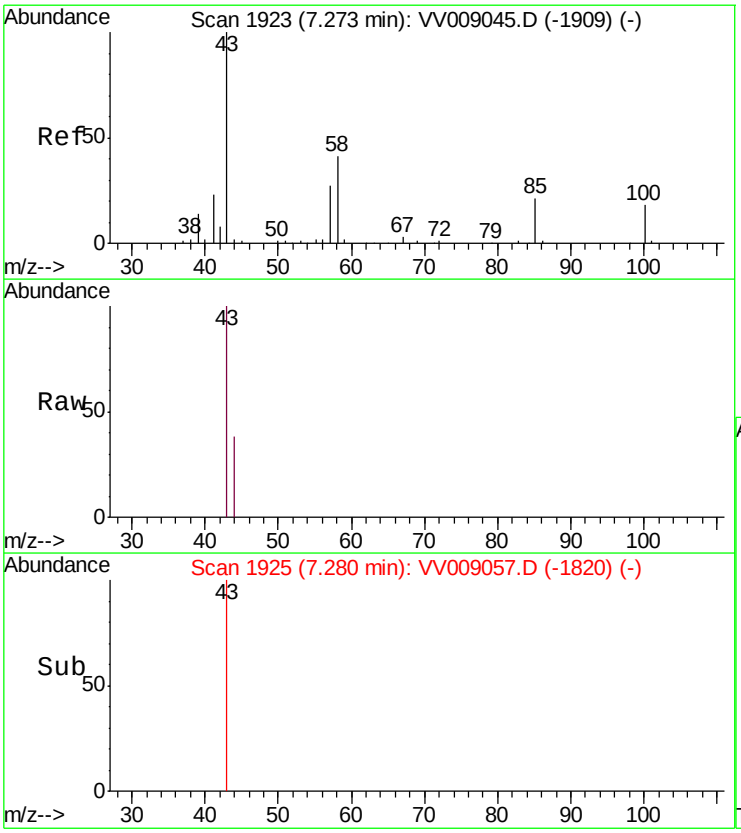
#42
cis-1,3-Dichloropropene
Concen: 0.679 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Instrument :
MSVOA_V
ClientSampleId :
C0JG3

Tgt Ion: 75 Resp: 871

Ion	Ratio	Lower	Upper
75	100		
77	44.3	21.3	39.6#

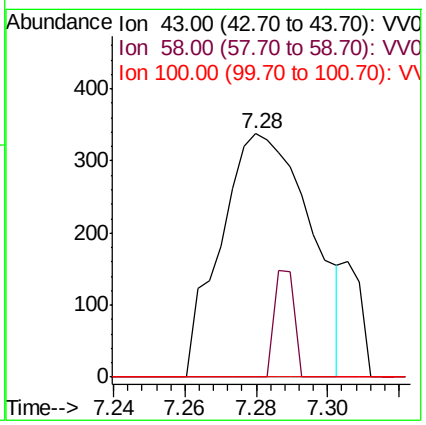


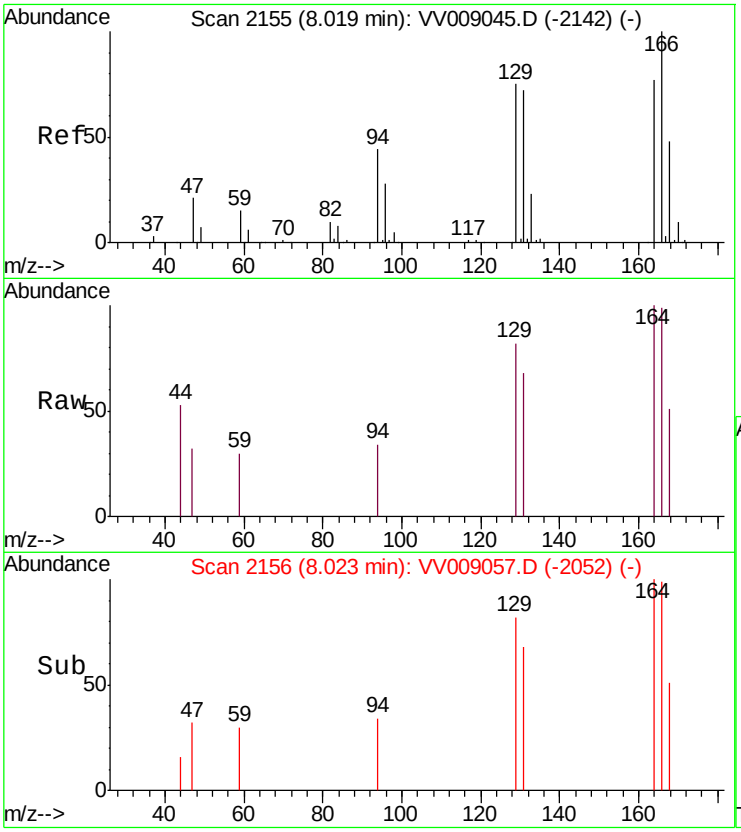


#43
4-Methyl-2-pentanone
Concen: 0.998 ug/L
RT: 7.28 min Scan# 1925
Delta R.T. 0.01 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Tgt Ion: 43 Resp: 591

Ion	Ratio	Lower	Upper
43	100		
58	9.6	32.2	48.4#
100	0.0	13.8	20.8#



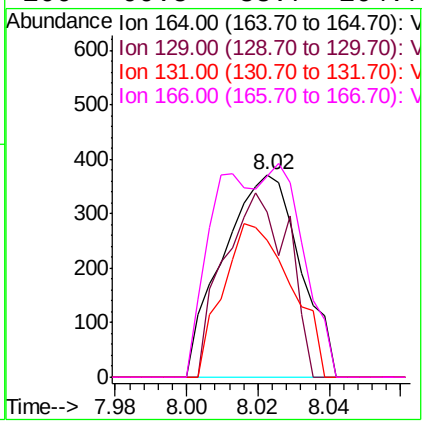


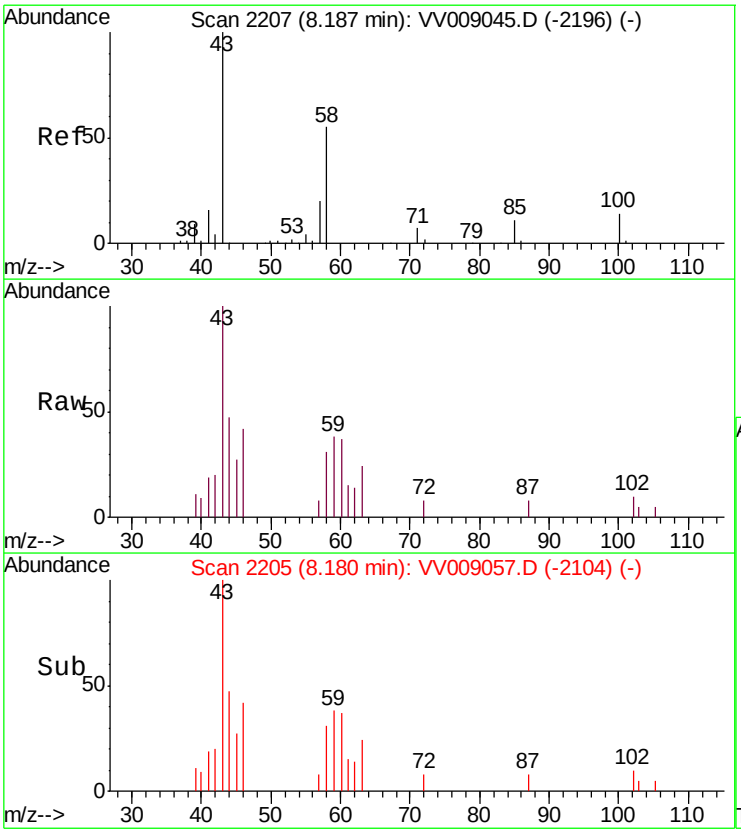
#47
Tetrachloroethene
Concen: 0.621 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Instrument : MSVOA_V
ClientSampleId : C0JG3

Tgt Ion:164 Resp: 556

Ion	Ratio	Lower	Upper
164	100		
129	81.9	64.6	120.0
131	67.9	64.5	119.7
166	99.5	88.7	164.7

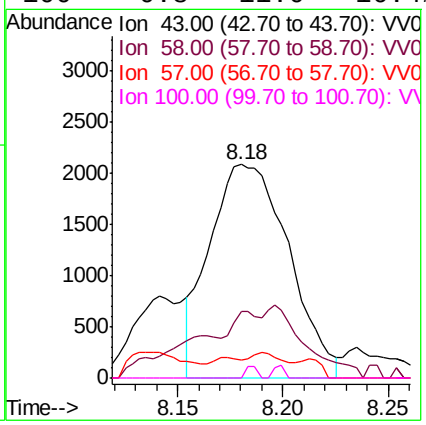


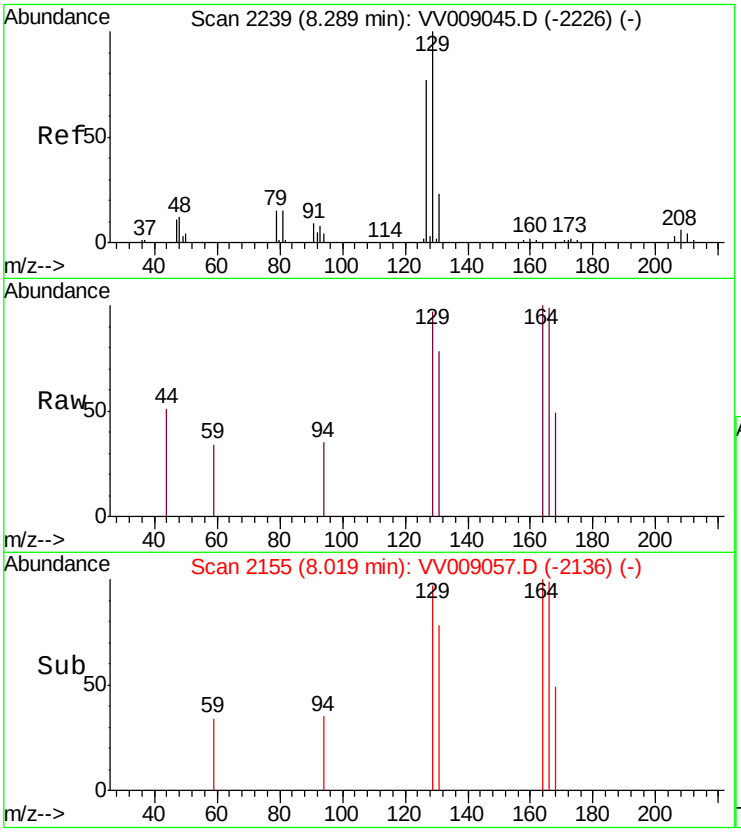


#49
2-Hexanone
Concen: 11.075 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Tgt Ion: 43 Resp: 5427

Ion	Ratio	Lower	Upper
43	100		
58	12.2	43.9	65.9#
57	0.0	15.7	23.5#
100	0.8	11.0	16.4#



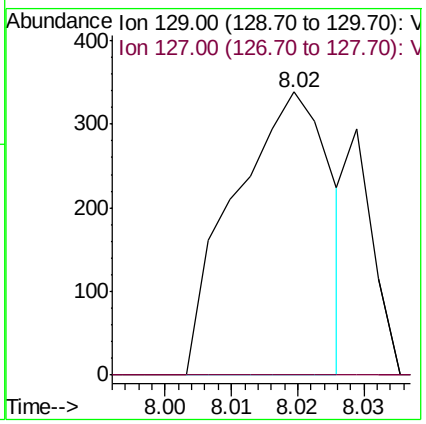


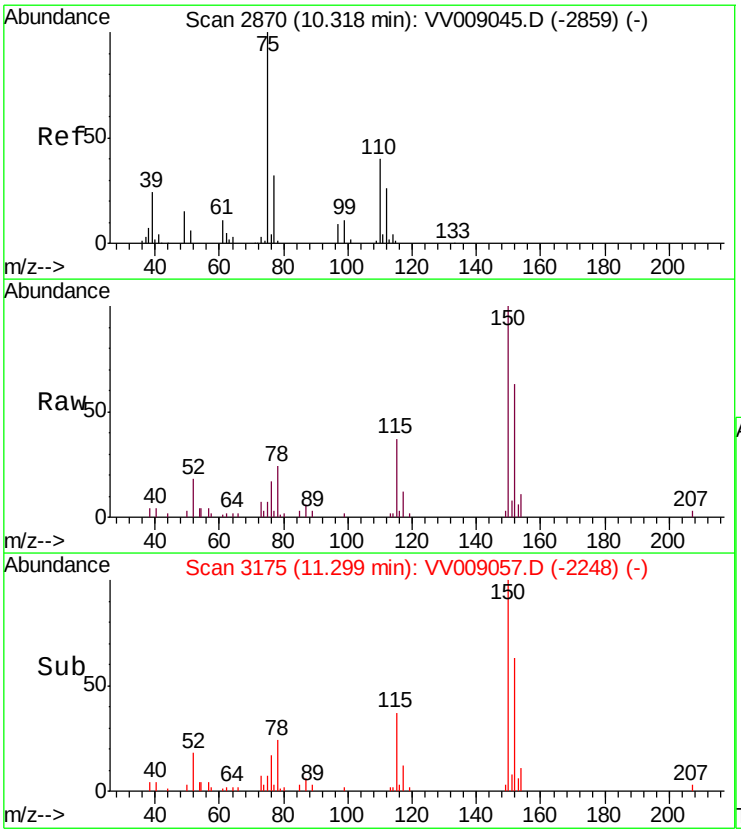
#50
Dibromochloromethane
Concen: 0.409 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Instrument : MSVOA_V
ClientSampleId : C0JG3

Tgt Ion:129 Resp: 342

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.3#

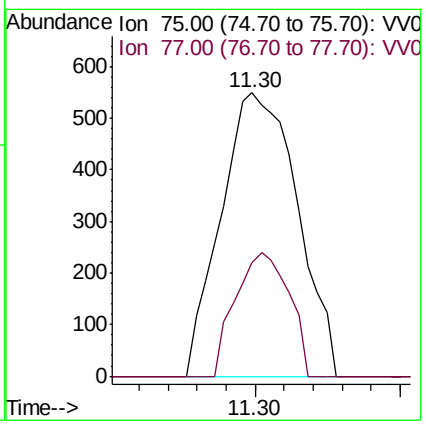


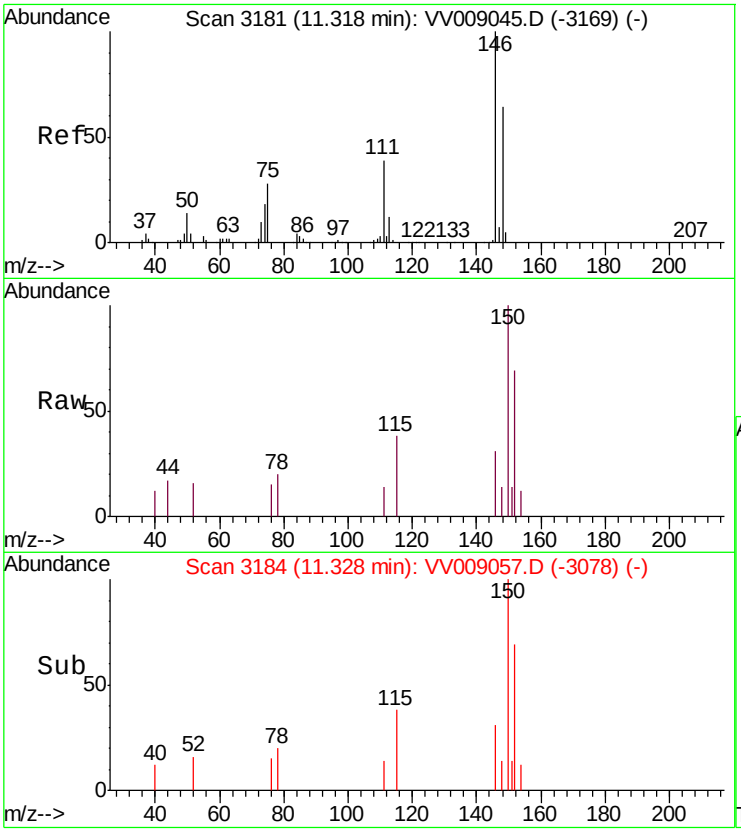


#59
1,2,3-Trichloropropane
Concen: 1.466 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Tgt Ion: 75 Resp: 1001

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.6	38.4



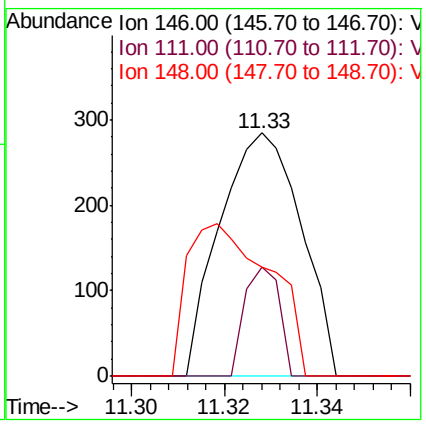


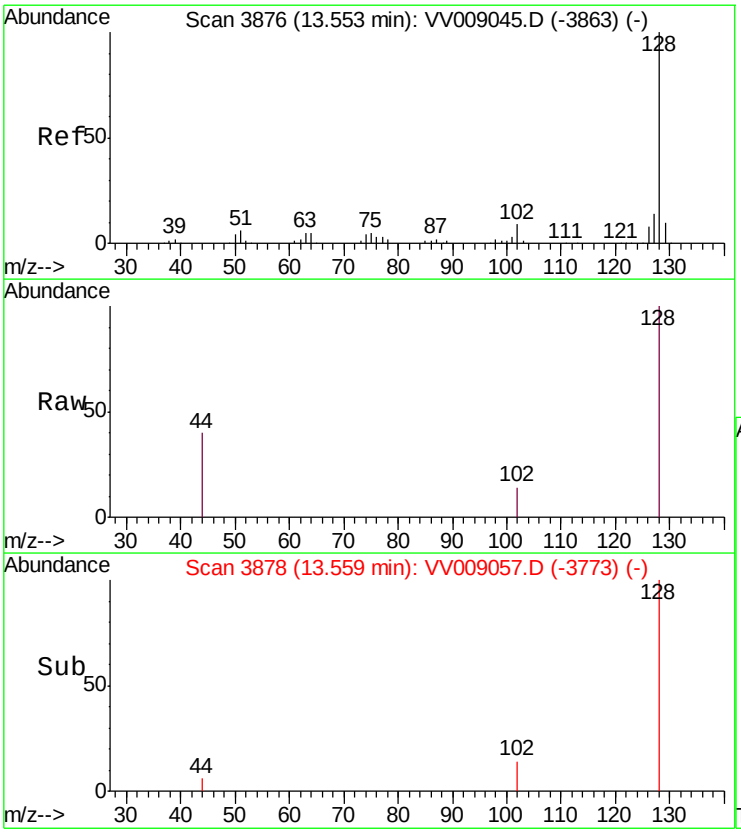
#64
1,4-Dichlorobenzene
Concen: 0.543 ug/L
RT: 11.33 min Scan# 3184
Delta R.T. 0.01 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Instrument : MSVOA_V
ClientSampleId : C0JG3

Tgt Ion:146 Resp: 347

Ion	Ratio	Lower	Upper
146	100		
111	44.6	26.8	49.8
148	44.9	45.8	85.0#





#69
Naphthalene
Concen: 1.965 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.01 min
Lab File: VV009057.D
Acq: 19 Dec 2018 17:57

Tgt Ion:128 Resp: 1064

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	13.0#
127	0.0	10.0	15.0#