Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091718\

Quantitation Report (Not Reviewed)

Data File : VV007588.D
Acq On : 17 Sep 2018 14:55
Operator : SY/MD
Sample : J4918-13RE
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0KY3

Quant Time: Sep 18 03:41:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 18 03:38:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	116205	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	107169	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55913	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	22813	3.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.20%			
7) Chloroethane-d5	1.59	69	21471	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.40%			
11) 1,1-Dichloroethene-d2	2.13	63	41548	3.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.80%			
20) 2-Butanone-d5	3.97	46	40309	47.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.22%			
24) Chloroform-d	4.41	84	54272	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
26) 1,2-Dichloroethane-d4	5.09	65	28420	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
32) Benzene-d6	5.10	84	105906	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
36) 1,2-Dichloropropane-d6	6.13	67	31806	4.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.80%			
41) Toluene-d8	7.36	98	109901	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
43) trans-1,3-Dichloropropene-	7.67	79	13373	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
46) 2-Hexanone-d5	8.15	63	23699	44.27	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.54%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20608	4.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	47691	4.66	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%			

Target Compounds						Qvalue
8) Chloroethane	1.32	64	300	0.081	ug/L #	1
12) 1,1-Dichloroethene	2.14	96	1502	0.255	ug/L #	1
13) Acetone	2.21	43	1008	1.823	ug/L	83
16) Methylene chloride	2.54	84	821	0.129	ug/L	95
19) 1,1-Dichloroethane	3.24	63	1206	0.129	ug/L #	94
22) cis-1,2-Dichloroethene	3.97	96	507	0.080	ug/L	79
25) Chloroform	4.43	83	2643	0.247	ug/L	98
34) Trichloroethene	5.96	95	3079	0.454	ug/L	92
35) Methylcyclohexane	6.13	83	7963	0.760	ug/L #	34
37) 1,2-Dichloropropane	6.12	63	4019	0.737	ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	1215	0.140	ug/L	89
44) trans-1,3-Dichloropropene	7.67	75	591	0.083	ug/L #	73
48) 2-Hexanone	8.19	43	13138	5.748	ug/L #	55
69) Naphthalene	13.56	128	3737	0.389	ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091718\

Quantitation Report (Not Reviewed)

Data File : VV007588.D
Acq On : 17 Sep 2018 14:55
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Misc : 25.0 mL/MSVOA_V/WATER
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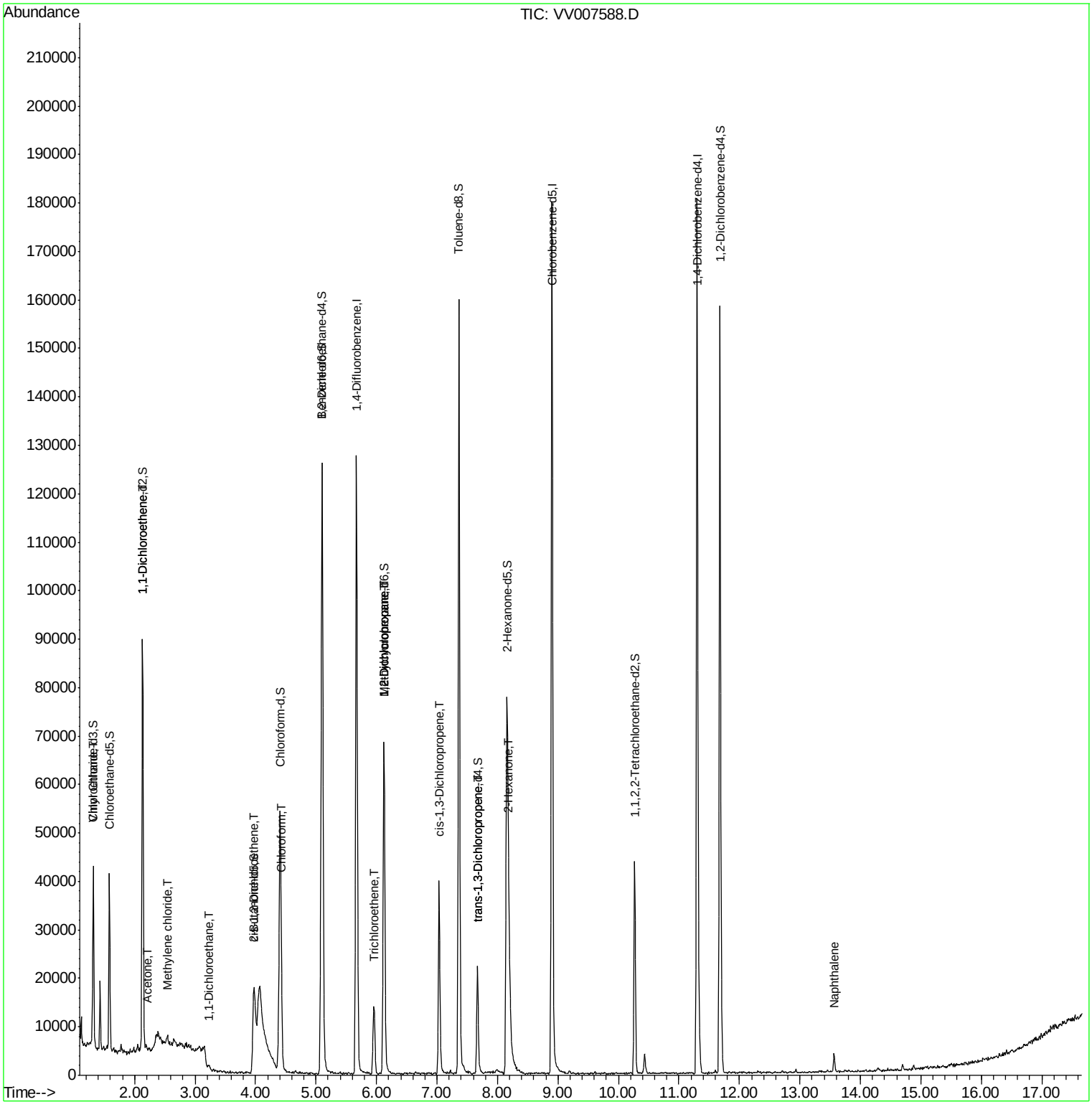
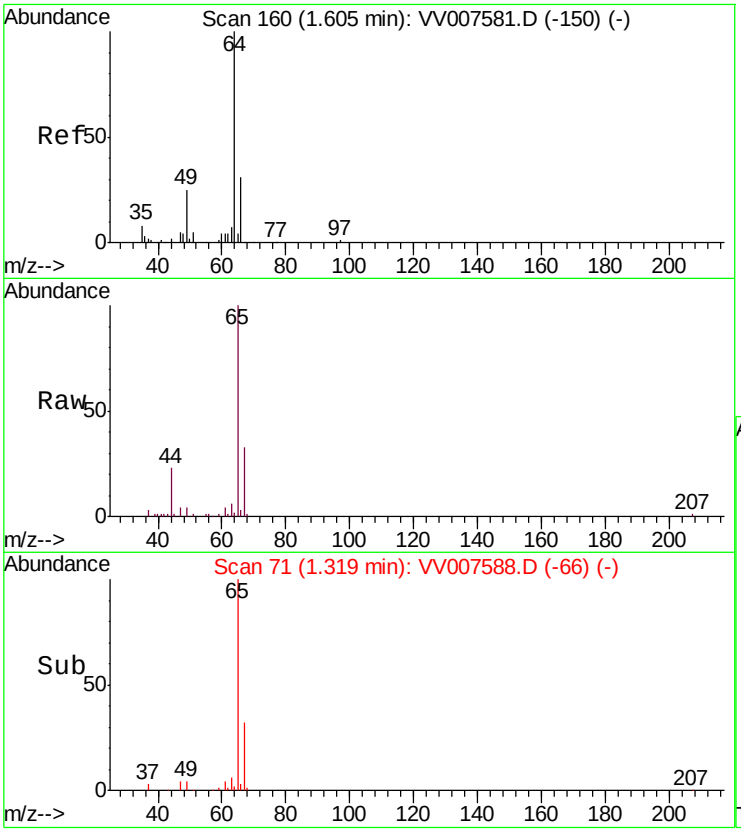
Instrument :
MSVOA_V
ClientSampleId :
C0KY3

Quant Time: Sep 18 03:41:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 18 03:38:22 2018
Response via : Initial Calibration



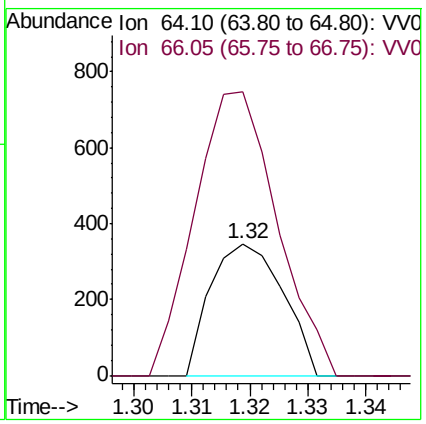


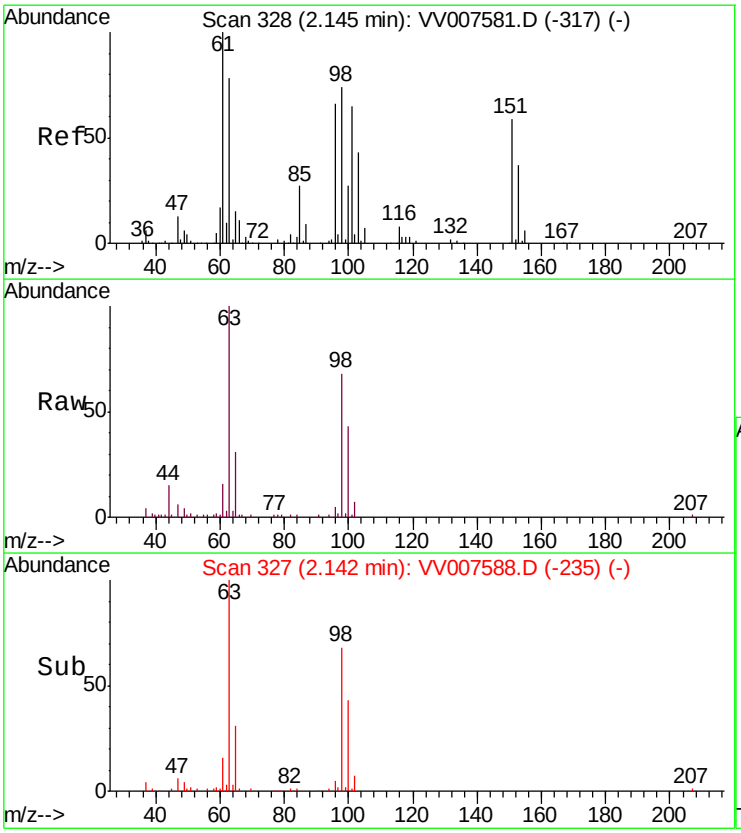
#8
Chloroethane
Concen: 0.081 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV007588.D
Acq: 17 Sep 2018 14:55

Instrument : MSVOA_V
ClientSampleId : C0KY3

Tgt Ion: 64 Resp: 300

Ion	Ratio	Lower	Upper
64	100		
66	215.9	24.3	45.1#

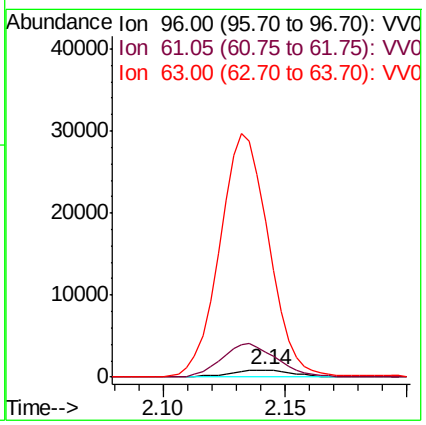


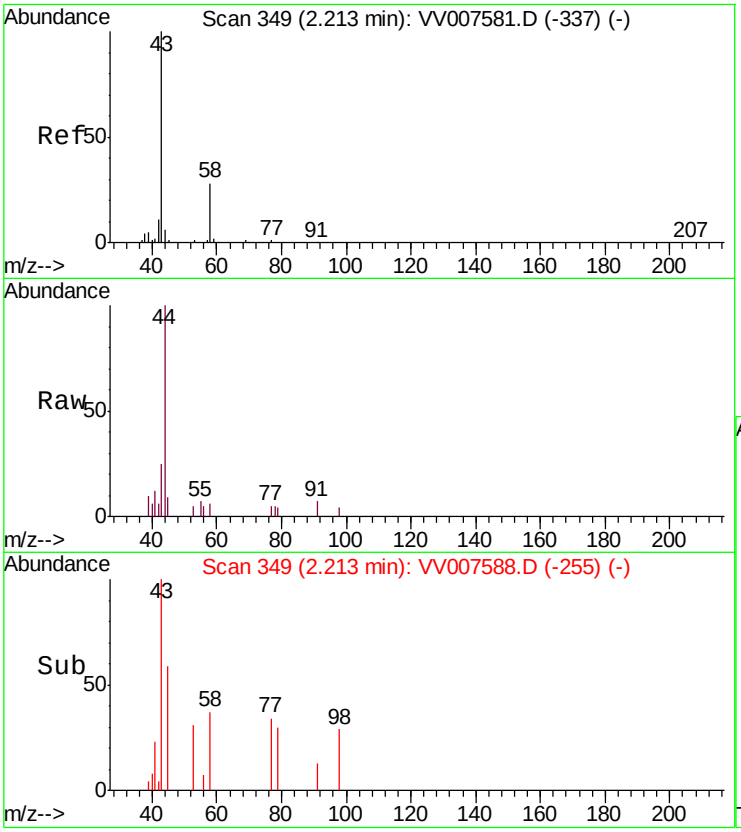


#12
1,1-Dichloroethene
Concen: 0.255 ug/L
RT: 2.14 min Scan# 327
Delta R.T. -0.00 min
Lab File: VV007588.D
Acq: 17 Sep 2018 14:55

Tgt Ion: 96 Resp: 1502

Ion	Ratio	Lower	Upper
96	100		
61	354.0	114.8	213.2#
63	2180.6	81.8	151.8#



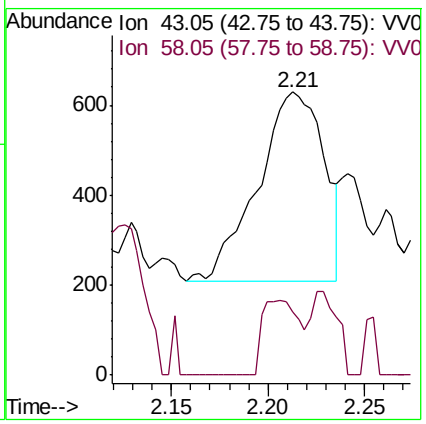


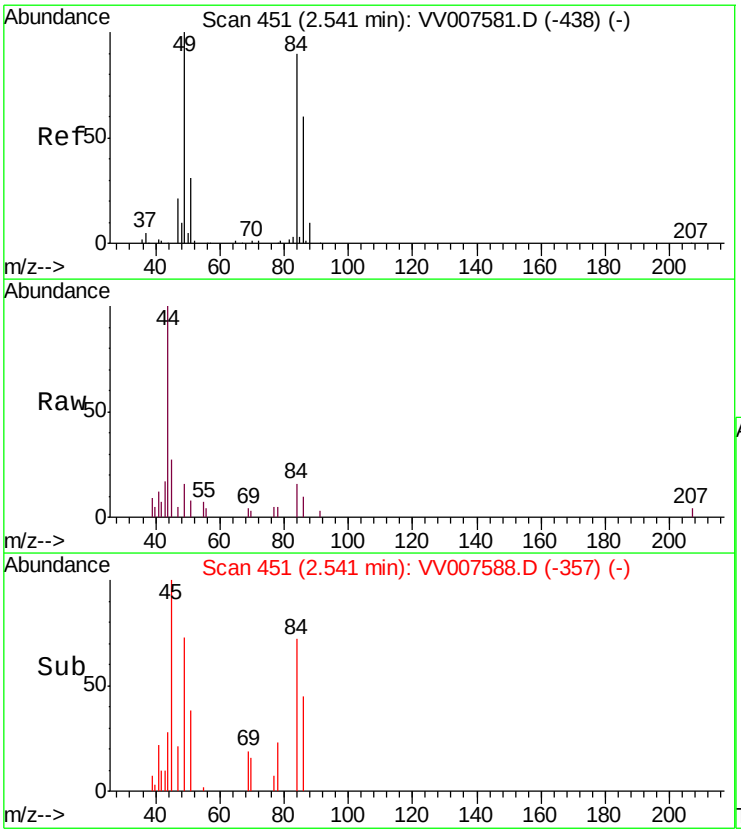
#13
Acetone
Concen: 1.823 ug/L
RT: 2.21 min Scan# 349
Delta R.T. 0.00 min
Lab File: VV007588.D
Acq: 17 Sep 2018 14:55

Instrument : MSVOA_V
ClientSampleId : C0KY3

Tgt Ion: 43 Resp: 1008

Ion	Ratio	Lower	Upper
43	100		
58	22.1	0.0	63.4

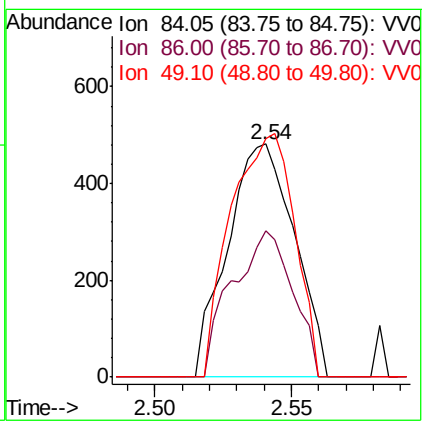


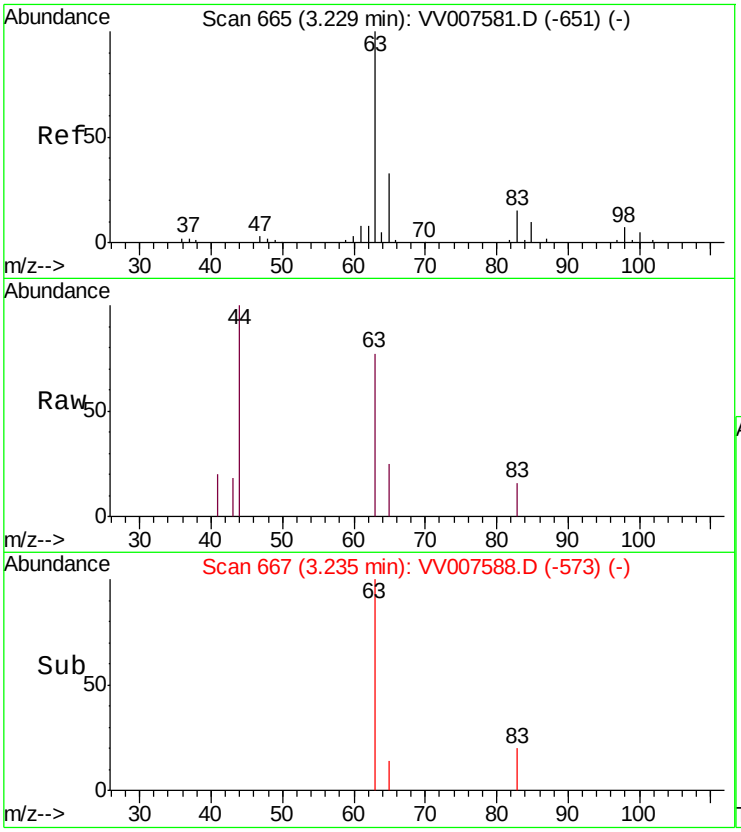


#16
Methylene chloride
Concen: 0.129 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007588.D
Acq: 17 Sep 2018 14:55

Tgt Ion: 84 Resp: 821

Ion	Ratio	Lower	Upper
84	100		
86	62.8	43.7	81.1
49	102.3	76.8	142.6



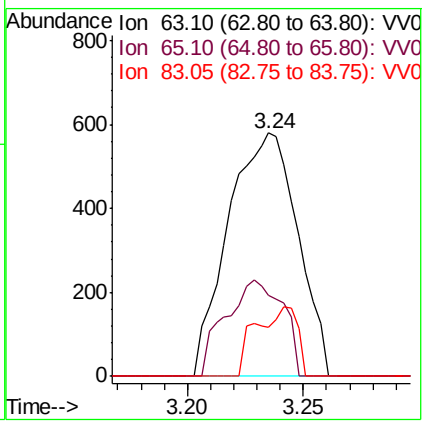


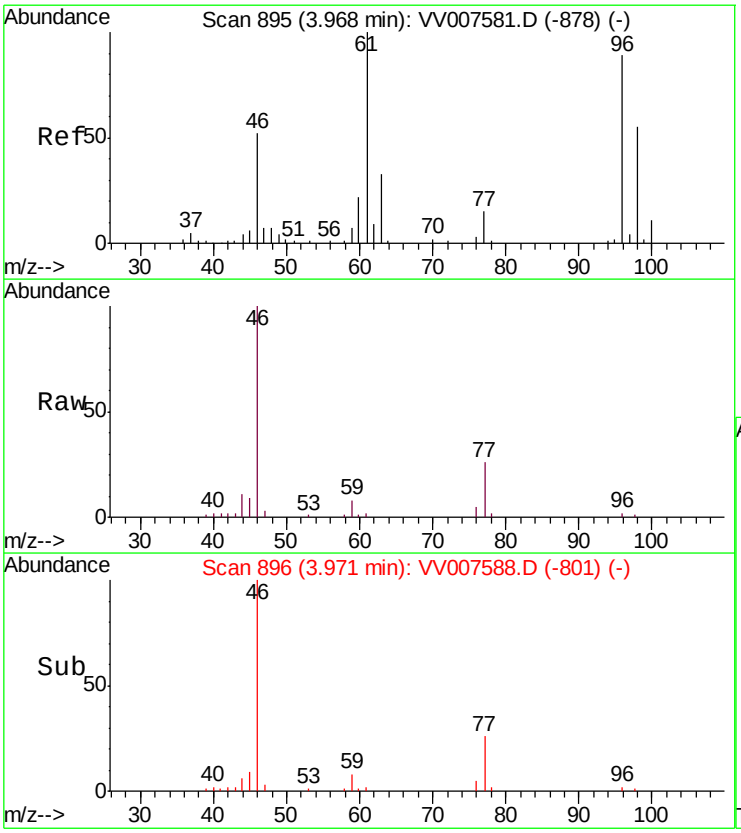
#19
1,1-Dichloroethane
Concen: 0.129 ug/L
RT: 3.24 min Scan# 667
Delta R.T. 0.00 min
Lab File: VV007588.D
Acq: 17 Sep 2018 14:55

Instrument :
MSVOA_V
ClientSampleId :
C0KY3

Tgt Ion: 63 Resp: 1206

Ion	Ratio	Lower	Upper
63	100		
65	33.3	22.5	41.9
83	20.3	10.4	19.2#

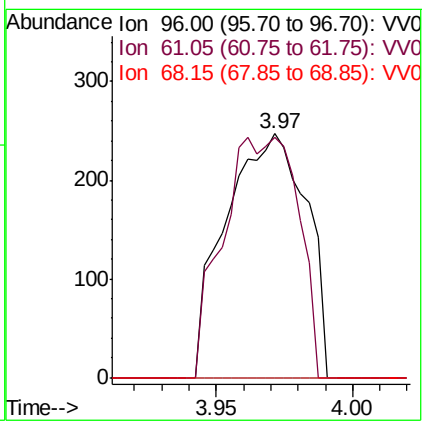


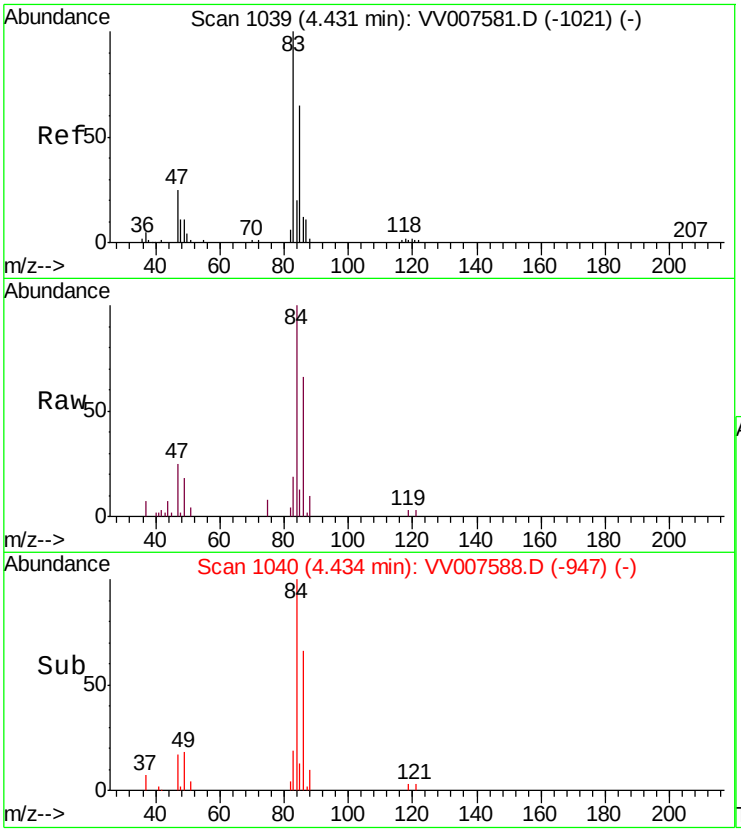


#22
cis-1,2-Dichloroethene
Concen: 0.080 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.01 min
Lab File: VV007588.D
Acq: 17 Sep 2018 14:55

Tgt Ion: 96 Resp: 507

Ion	Ratio	Lower	Upper
96	100		
61	98.8	85.3	158.5
68	0.0	0.0	0.0



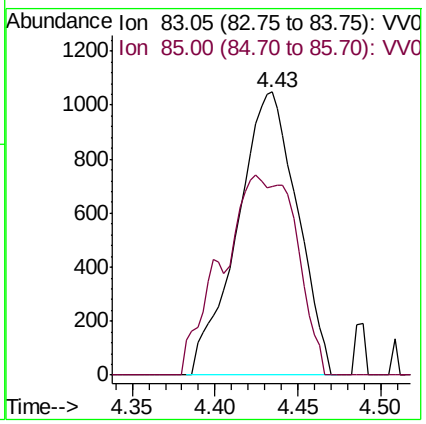


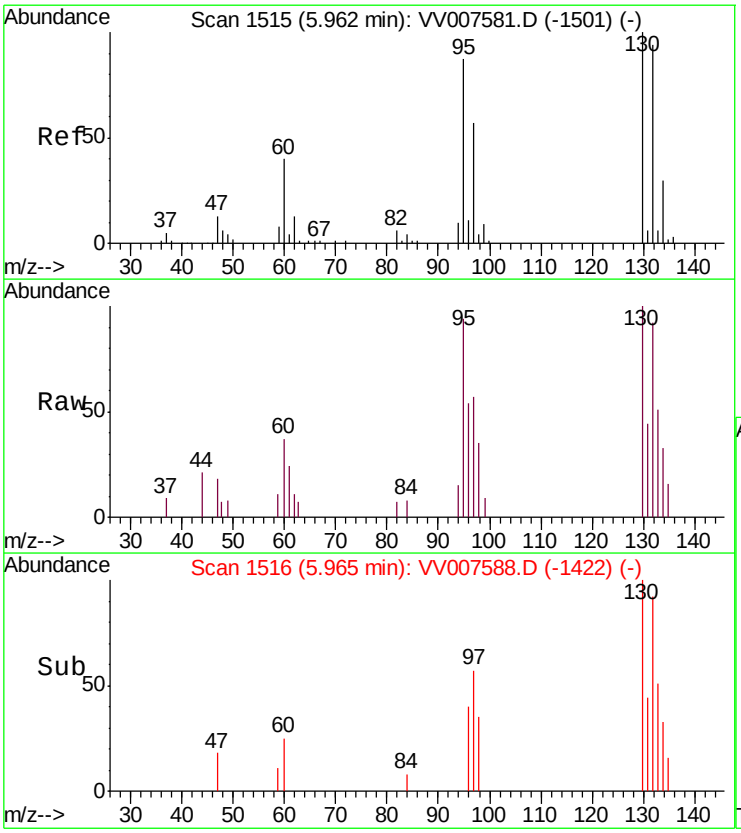
#25
Chloroform
Concen: 0.247 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007588.D
Acq: 17 Sep 2018 14:55

Instrument :
MSVOA_V
ClientSampleId :
C0KY3

Tgt Ion: 83 Resp: 2643

Ion	Ratio	Lower	Upper
83	100		
85	66.7	45.5	84.5

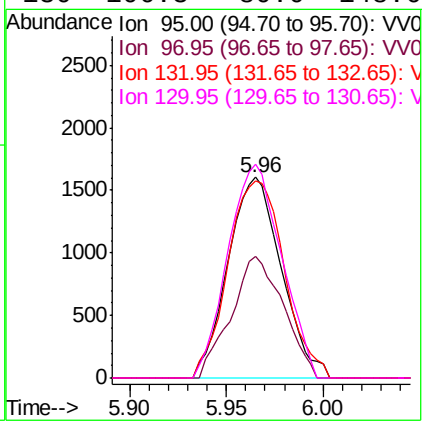


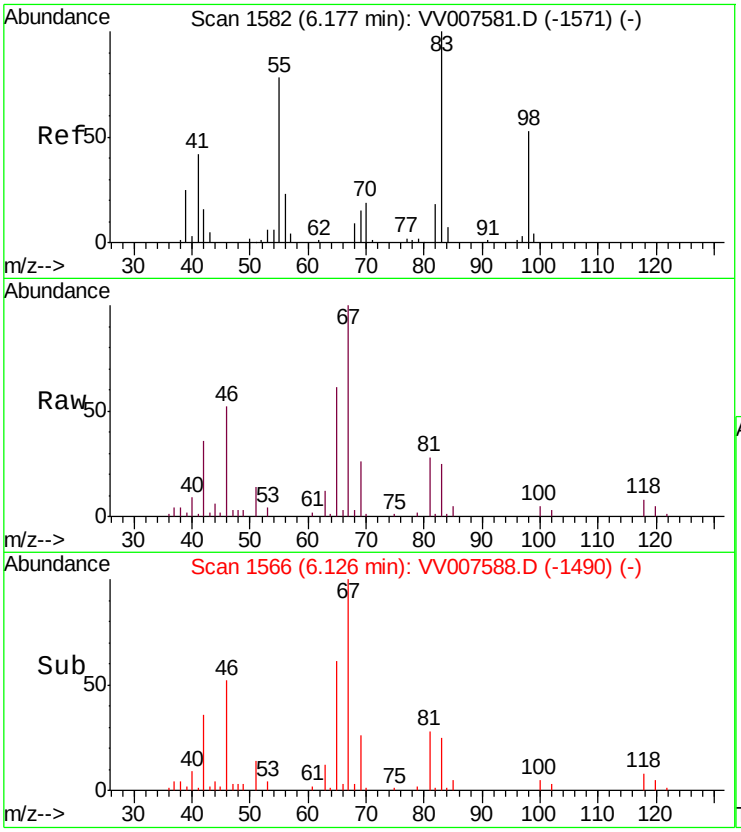


#34
Trichloroethene
Concen: 0.454 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007588.D
Acq: 17 Sep 2018 14:55

Tgt Ion: 95 Resp: 3079

Ion	Ratio	Lower	Upper
95	100		
97	60.7	45.5	84.5
132	97.8	74.9	139.1
130	106.3	80.0	148.6



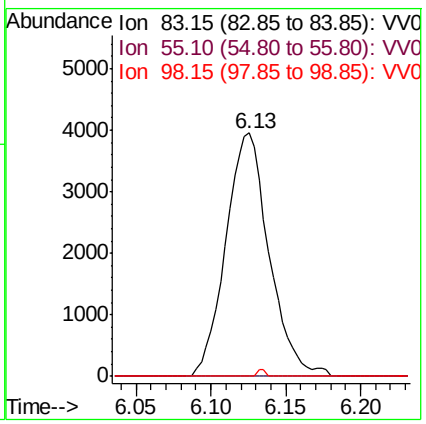


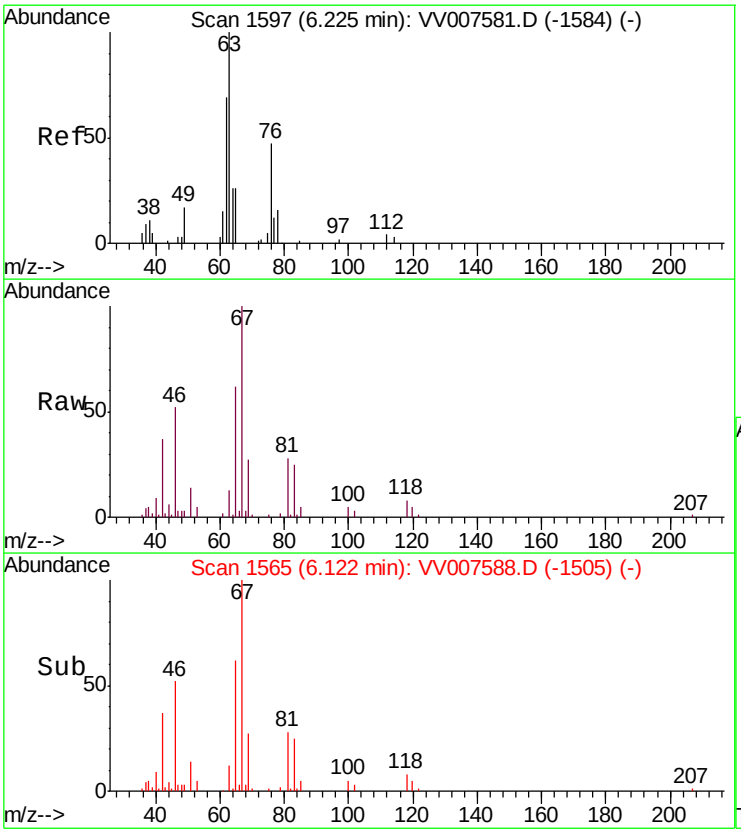
#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007588.D
Acq: 17 Sep 2018 14:55

Instrument :
MSVOA_V
ClientSampleId :
C0KY3

Tgt Ion: 83 Resp: 7963

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.0	82.4#
98	21.7	37.6	56.4#

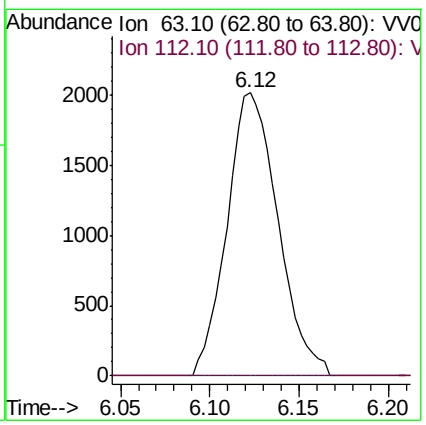


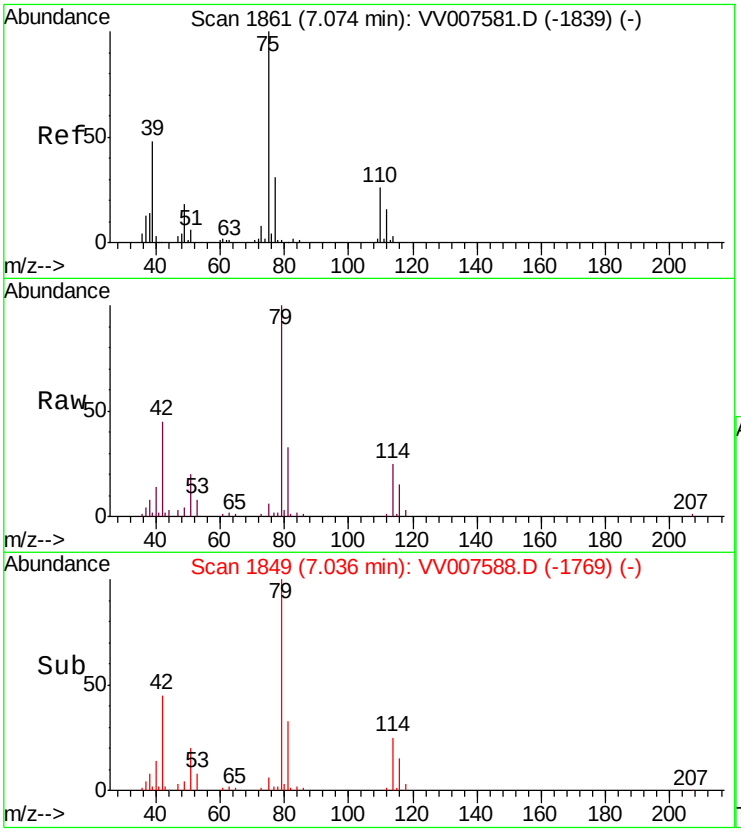


#37
1,2-Dichloropropane
Concen: 0.737 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007588.D
Acq: 17 Sep 2018 14:55

Tgt Ion: 63 Resp: 4019

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#



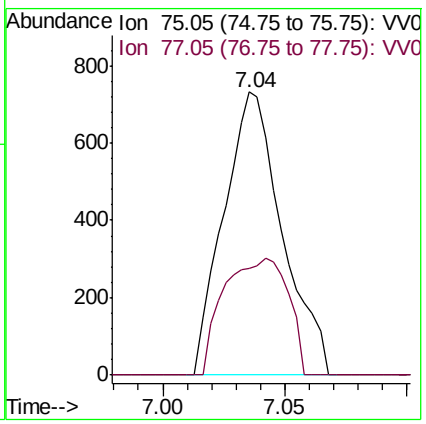


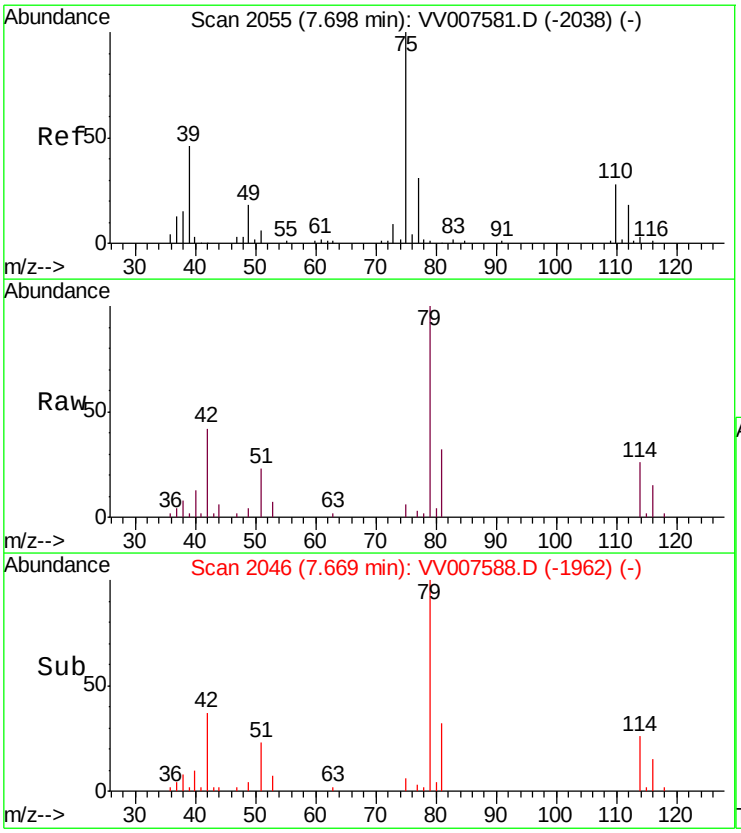
#39
cis-1,3-Dichloropropene
Concen: 0.140 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007588.D
Acq: 17 Sep 2018 14:55

Instrument :
MSVOA_V
ClientSampleId :
C0KY3

Tgt Ion: 75 Resp: 1215

Ion	Ratio	Lower	Upper
75	100		
77	37.6	22.0	41.0

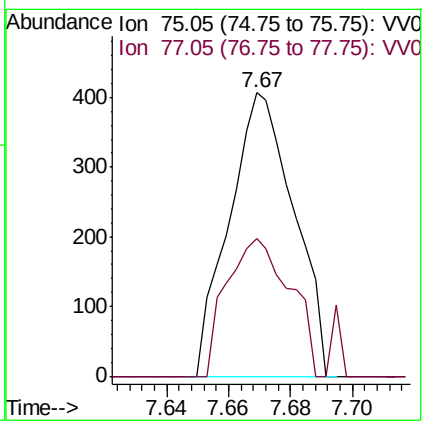


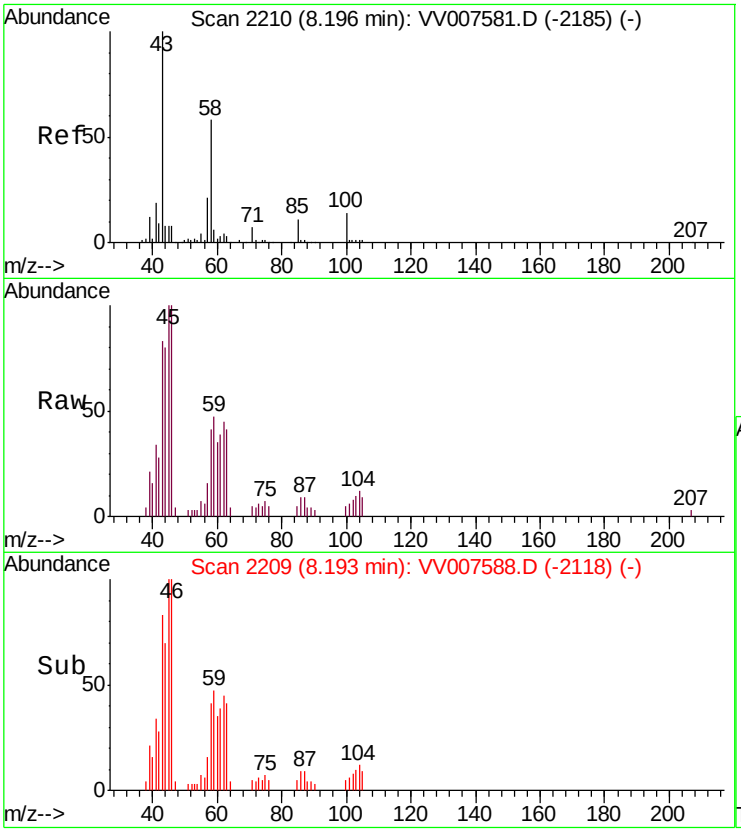


#44
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007588.D
Acq: 17 Sep 2018 14:55

Tgt Ion: 75 Resp: 591

Ion	Ratio	Lower	Upper
75	100		
77	48.6	23.4	43.4#



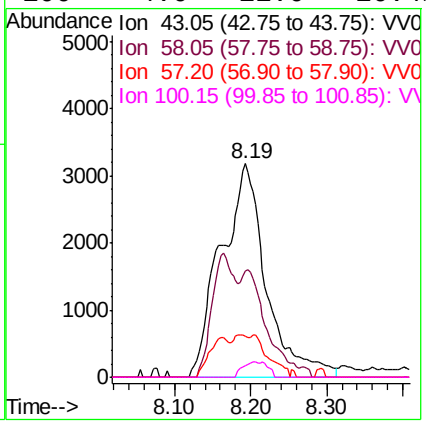


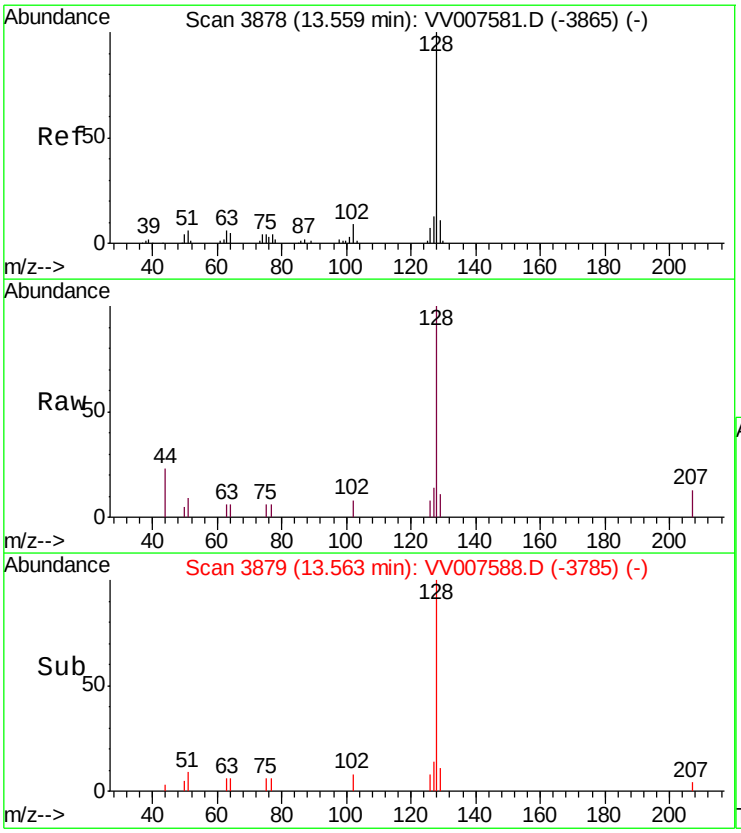
#48
2-Hexanone
Concen: 5.748 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VV007588.D
Acq: 17 Sep 2018 14:55

Instrument : MSVOA_V
ClientSampleId : C0KY3

Tgt Ion: 43 Resp: 13138

Ion	Ratio	Lower	Upper
43	100		
58	23.2	49.8	74.6#
57	1.5	18.2	27.4#
100	4.0	11.0	16.4#





#69
Naphthalene
Concen: 0.389 ug/L
RT: 13.56 min Scan# 3879
Delta R.T. 0.00 min
Lab File: VV007588.D
Acq: 17 Sep 2018 14:55

Tgt Ion:128 Resp: 3737

Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.5	12.7
127	12.5	10.5	15.7