Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062518\
Data File : VV006432.D
Acq On : 25 Jun 2018 15:49
Operator : SY/MD
Sample : J3673-01
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DAZ55

Quant Time: Jun 26 07:03:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 26 06:50:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	336555	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	308637	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	138231	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	101856	4.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.00%			
7) Chloroethane-d5	1.58	69	78861	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.40%			
11) 1,1-Dichloroethene-d2	2.13	63	177488	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.60%			
20) 2-Butanone-d5	3.98	46	191430	46.16	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.32%			
24) Chloroform-d	4.40	84	173161	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	5.09	65	80595	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
32) Benzene-d6	5.10	84	362395	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
36) 1,2-Dichloropropane-d6	6.12	67	106939	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	7.36	98	338457	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
43) trans-1,3-Dichloropropene-	7.67	79	36372	4.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%			
46) 2-Hexanone-d5	8.14	63	152388	43.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.22%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	62444	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	118975	4.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	172812	7.01	ug/L	100
5) Vinyl chloride	1.32	62	353545	12.87	ug/L	99
12) 1,1-Dichloroethene	2.14	96	89265	4.39	ug/L	95
16) Methylene chloride	2.54	84	8675	0.36	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	48047	2.16	ug/L	100
19) 1,1-Dichloroethane	3.23	63	57705	1.45	ug/L	99
25) Chloroform	4.43	83	233194	5.83	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	67260	2.00	ug/L	100
34) Trichloroethene	5.96	95	72440	2.78	ug/L	99
37) 1,2-Dichloropropane	6.23	63	168259	7.55	ug/L	100
38) Bromodichloromethane	6.56	83	70562	2.75	ug/L	100
47) Tetrachloroethene	8.02	164	77512	3.93	ug/L	99
49) Dibromochloromethane	8.30	129	151079	9.21	ug/L	100
50) 1,2-Dibromoethane	8.40	107	82983	6.00	ug/L	98
51) Chlorobenzene	8.93	112	1122002	17.57	ug/L	99
61) Bromoform	9.78	173	116335	15.00	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	356729	7.83	ug/L	99

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062518\
Data File : VV006432.D
Acq On : 25 Jun 2018 15:49
Operator : SY/MD
Sample : J3673-01
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DAZ55

Quant Time: Jun 26 07:03:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 26 06:50:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 1,2-Dibromo-3-chloropropan	12.48	75	16759	9.25	ug/L	99

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

Quantitation Report (QT/LSC Reviewed)

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ClientSampleId :
DAZ55

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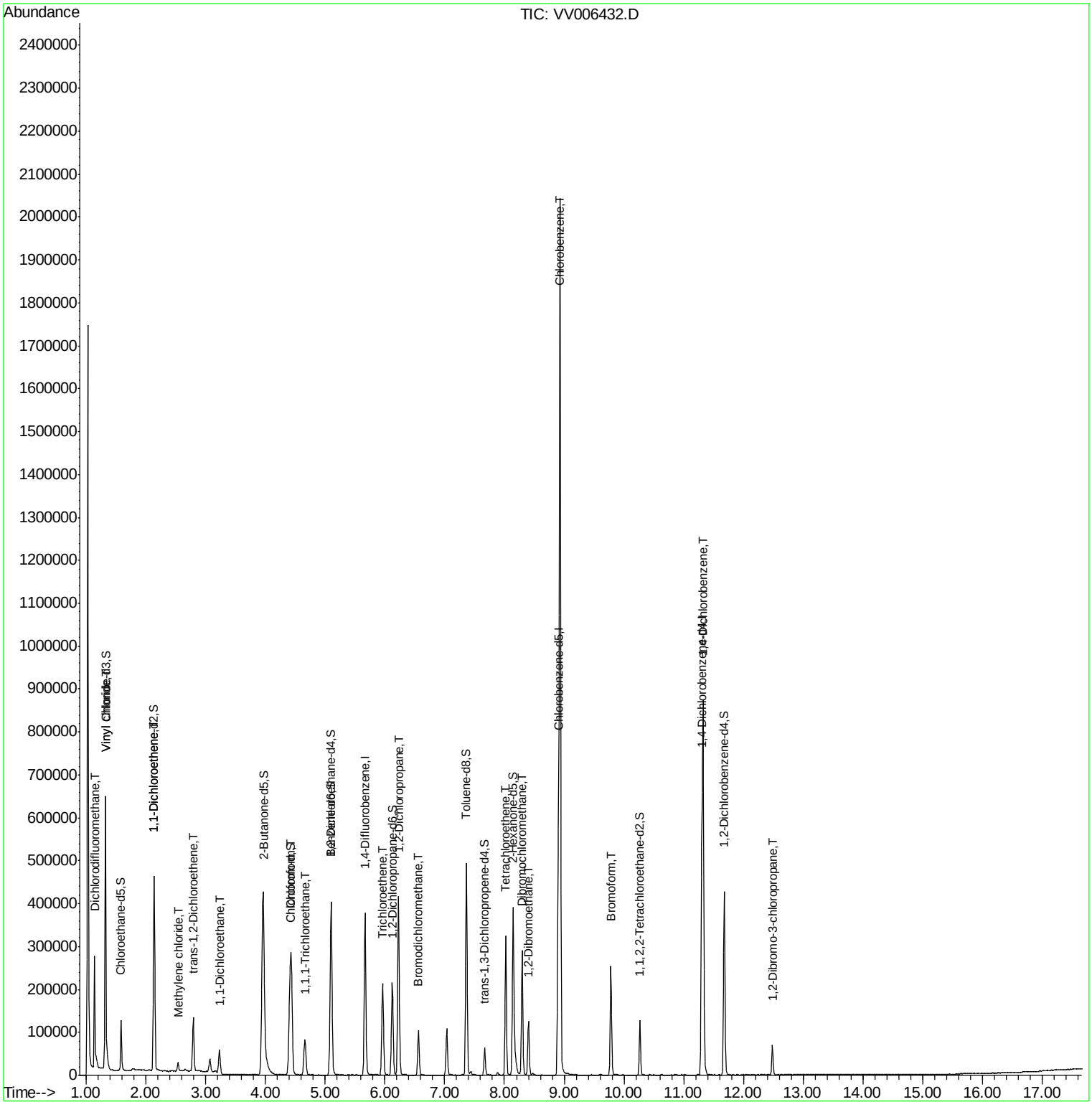
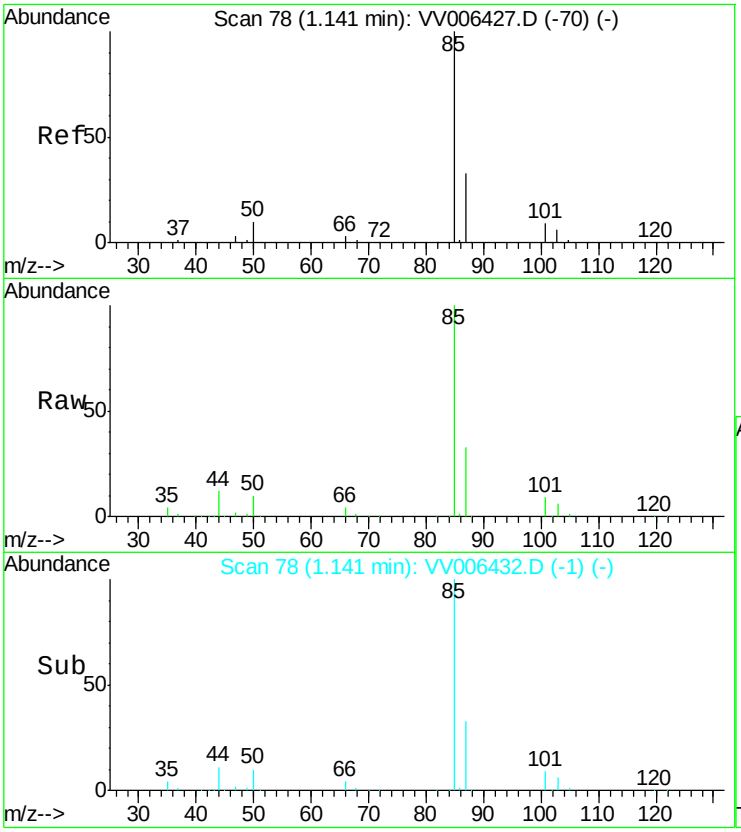
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 26 06:50:47 2018
Response via : Initial Calibration



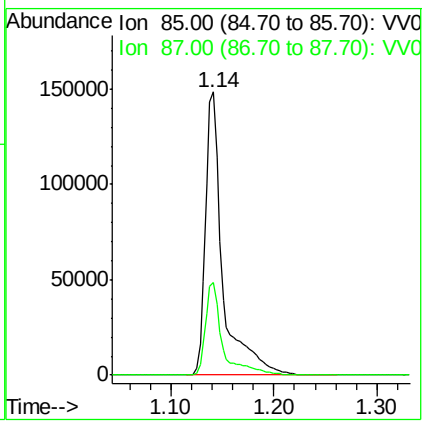


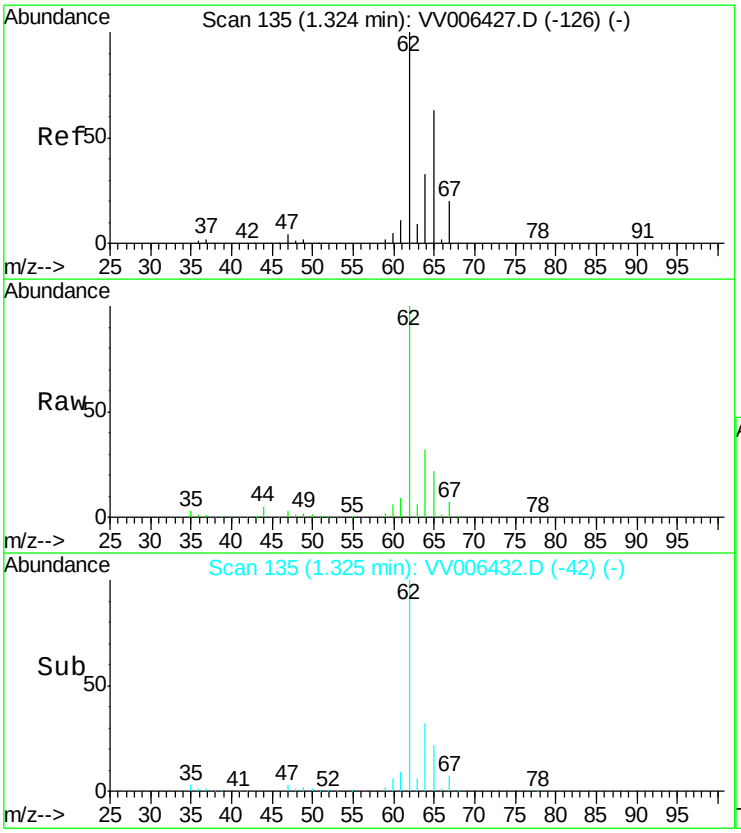
#2
Dichlorodifluoromethane
Concen: 7.01 ug/L
RT: 1.14 min Scan# 78
Delta R.T. 0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Instrument : MSVOA_V
ClientSampleId : DAZ55

Tgt Ion: 85 Resp: 172812

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.9	38.9

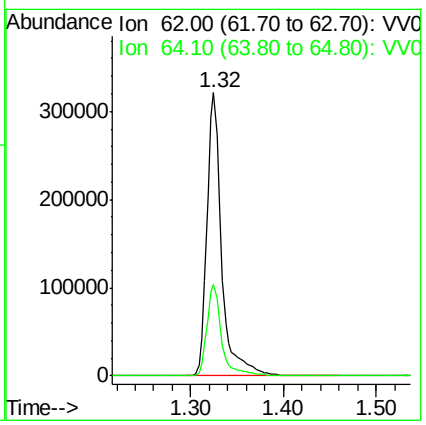


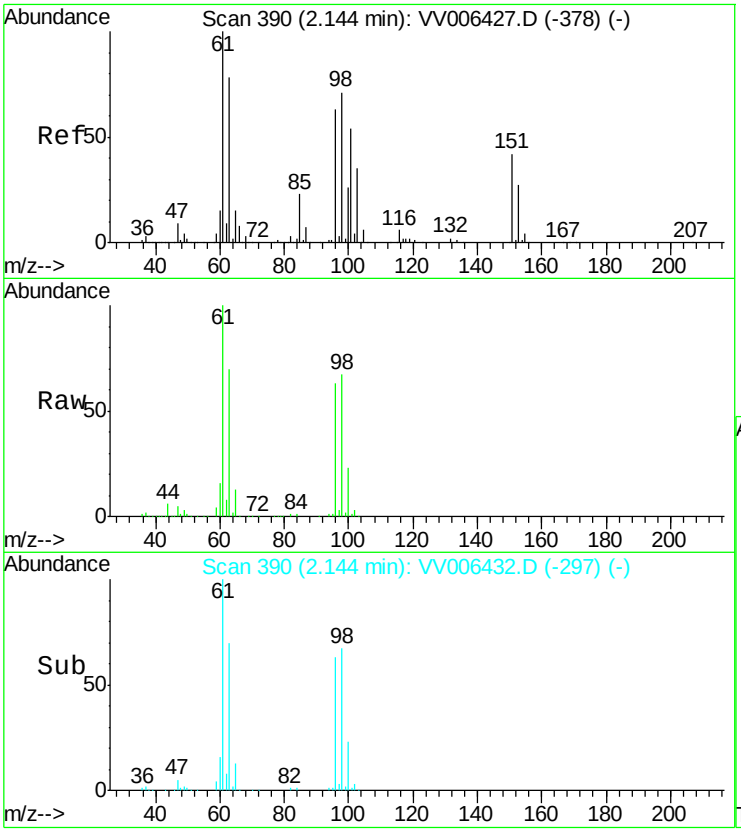


#5
Vinyl chloride
Concen: 12.87 ug/L
RT: 1.32 min Scan# 135
Delta R.T. 0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Tgt Ion: 62 Resp: 353545

Ion	Ratio	Lower	Upper
62	100		
64	32.5	23.1	42.9



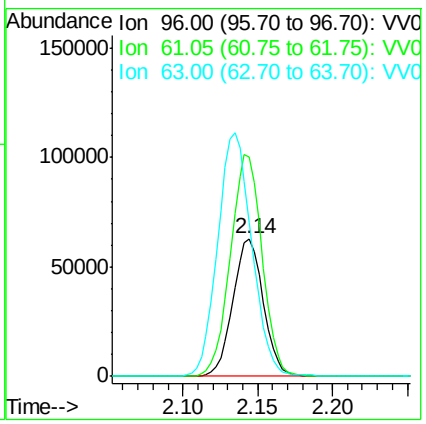


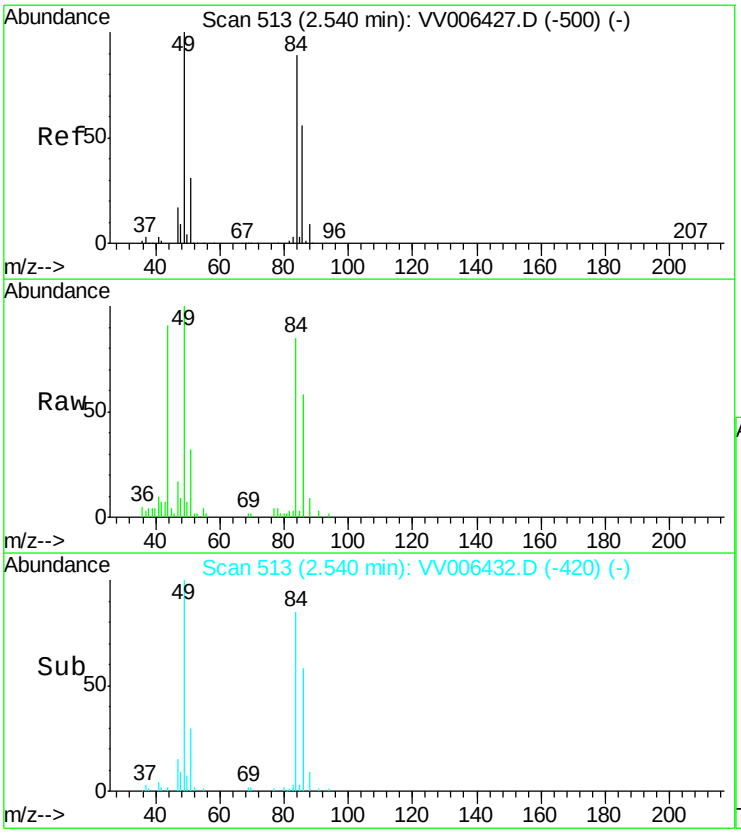
#12
1,1-Dichloroethene
Concen: 4.39 ug/L
RT: 2.14 min Scan# 390
Delta R.T. 0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Instrument : MSVOA_V
ClientSampleId : DAZ55

Tgt Ion: 96 Resp: 89265

Ion	Ratio	Lower	Upper
96	100		
61	159.6	111.4	207.0
63	111.9	87.4	162.2

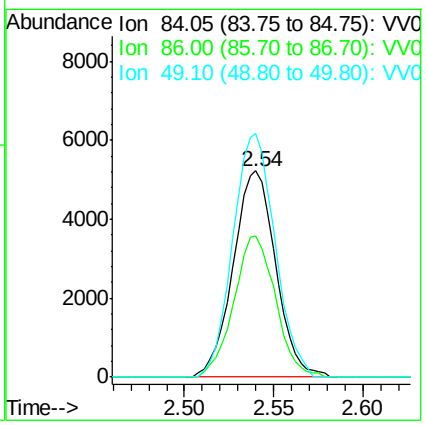


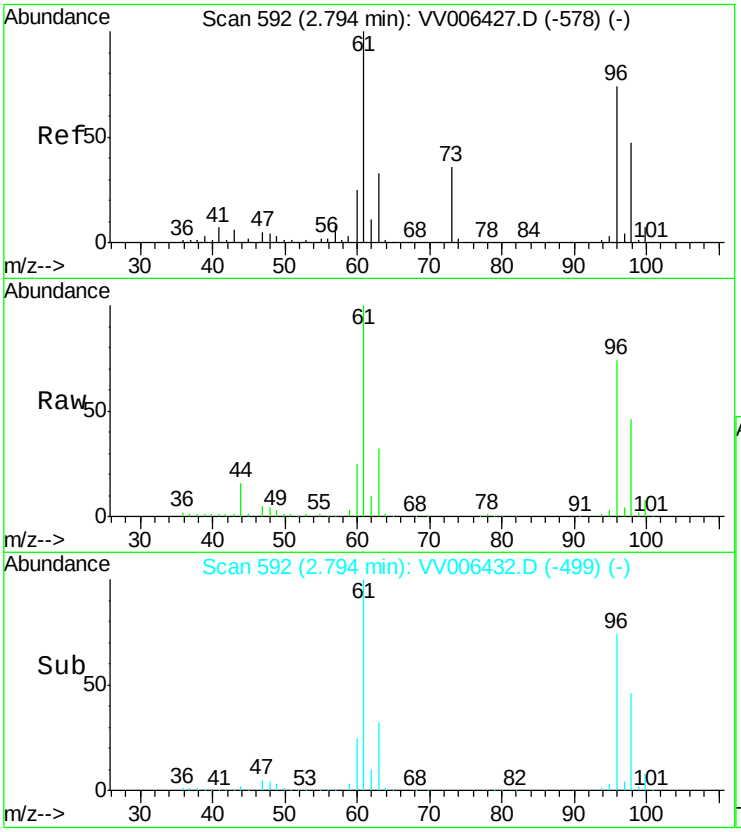


#16
Methylene chloride
Concen: 0.36 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Tgt Ion: 84 Resp: 8675

Ion	Ratio	Lower	Upper
84	100		
86	68.4	44.2	82.2
49	118.1	79.0	146.8



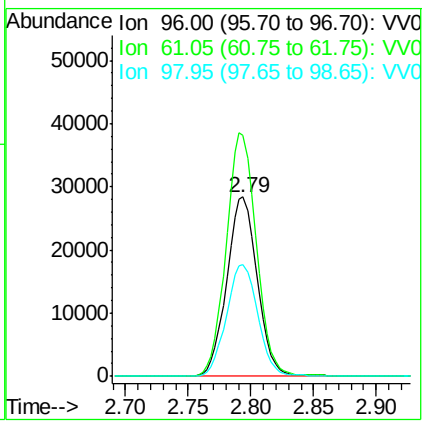


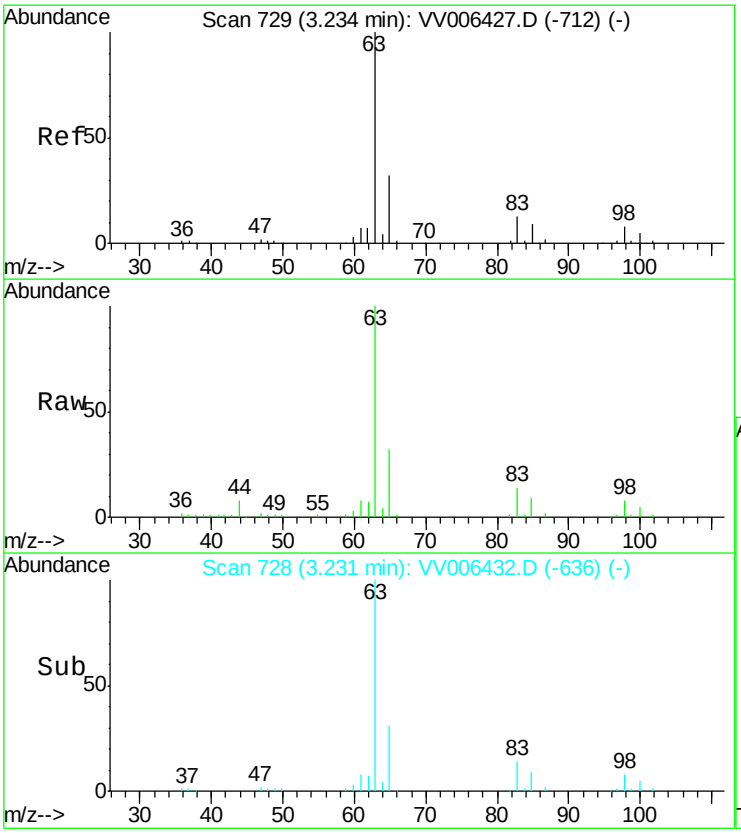
#18
trans-1,2-Dichloroethene
Concen: 2.16 ug/L
RT: 2.79 min Scan# 592
Delta R.T. 0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Instrument :
MSVOA_V
ClientSampleId :
DAZ55

Tgt Ion: 96 Resp: 48047

Ion	Ratio	Lower	Upper
96	100		
61	134.6	94.4	175.2
98	62.3	44.3	82.3

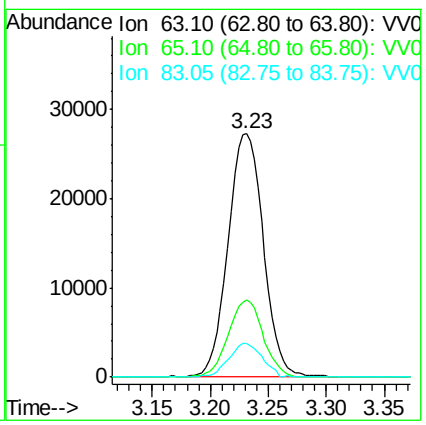


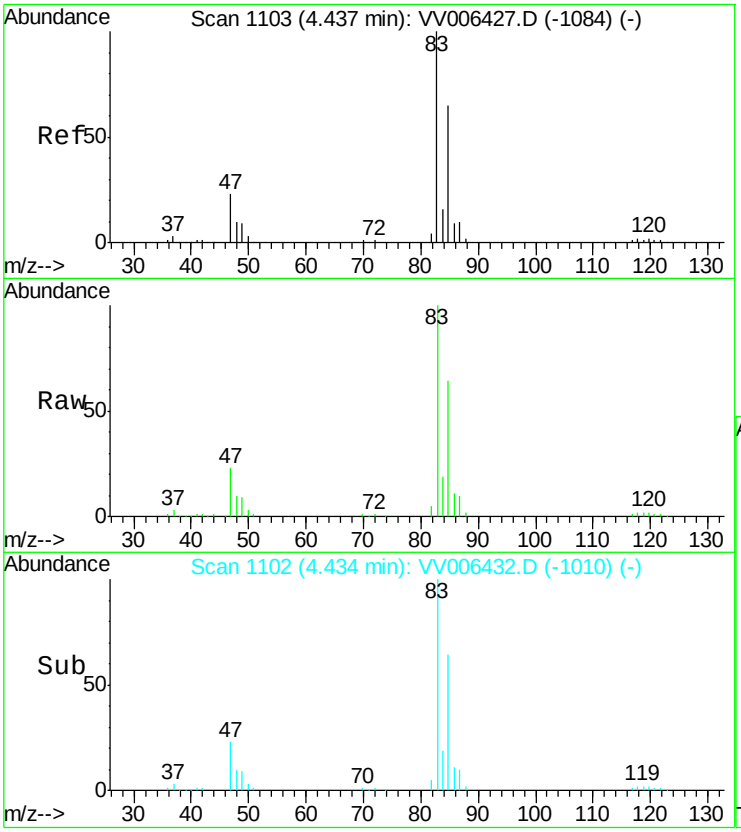


#19
1,1-Dichloroethane
Concen: 1.45 ug/L
RT: 3.23 min Scan# 728
Delta R.T. -0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Tgt Ion: 63 Resp: 57705

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.2	41.2
83	13.7	9.2	17.2



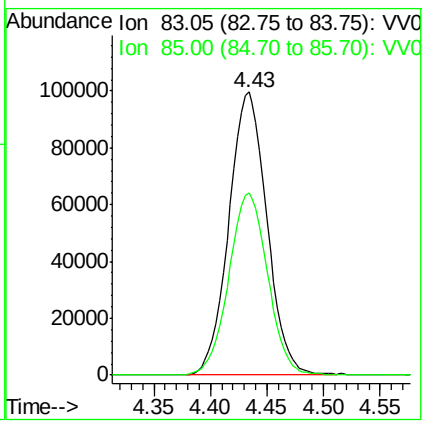


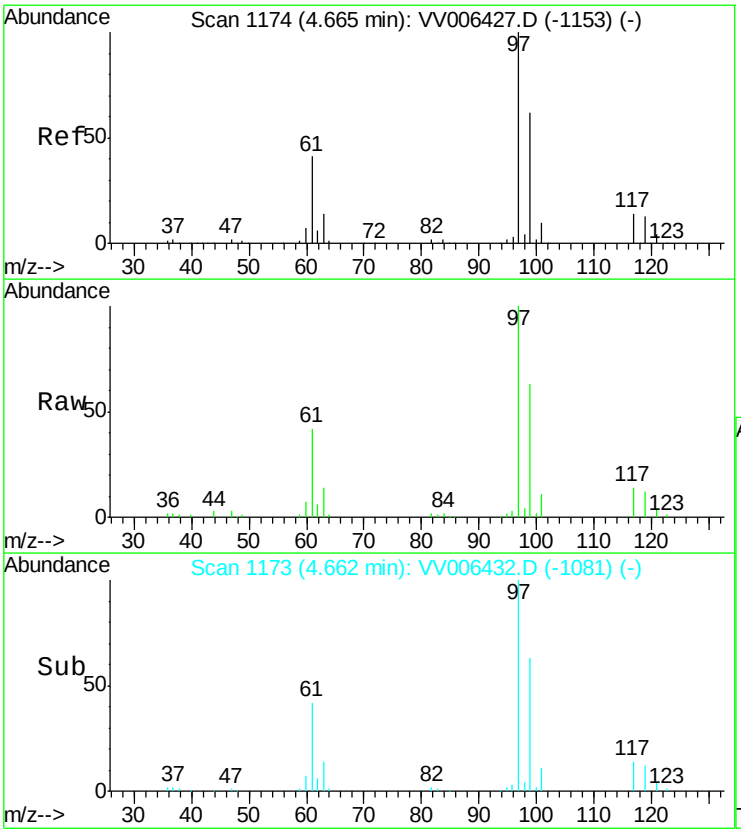
#25
Chloroform
Concen: 5.83 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Instrument : MSVOA_V
ClientSampleId : DAZ55

Tgt Ion: 83 Resp: 233194

Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.6	84.6

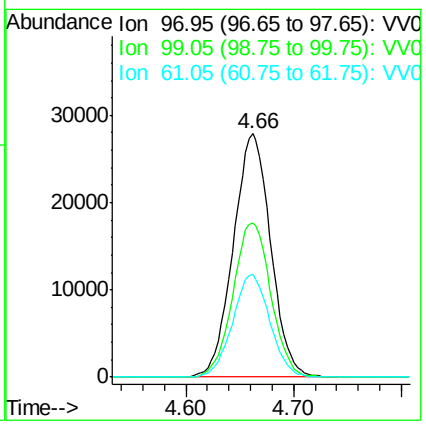


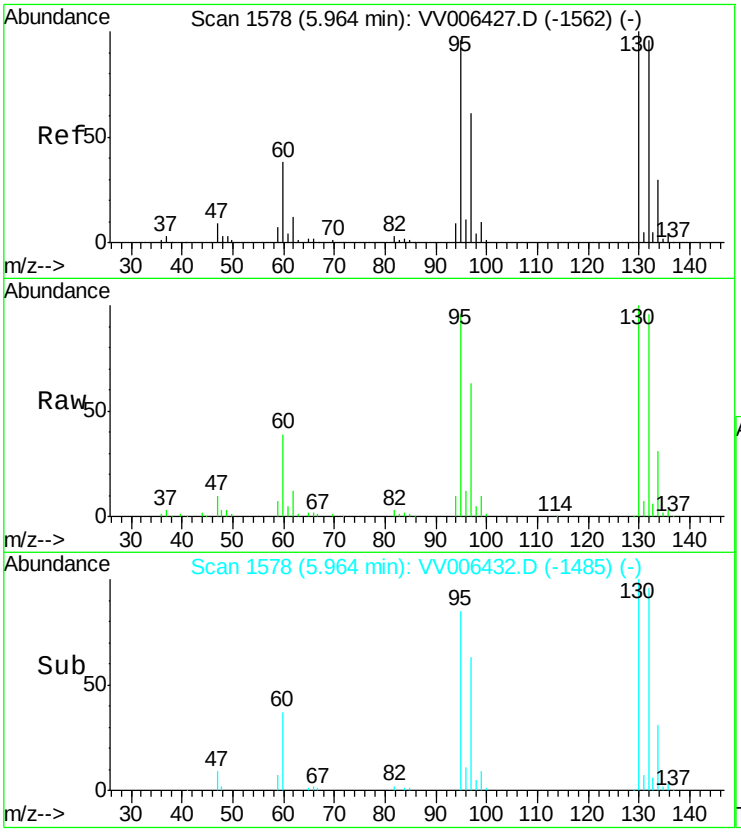


#29
1,1,1-Trichloroethane
Concen: 2.00 ug/L
RT: 4.66 min Scan# 1173
Delta R.T. -0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Tgt Ion: 97 Resp: 67260

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	41.8	33.8	50.6



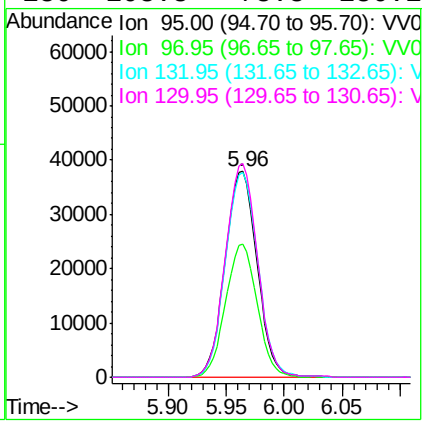


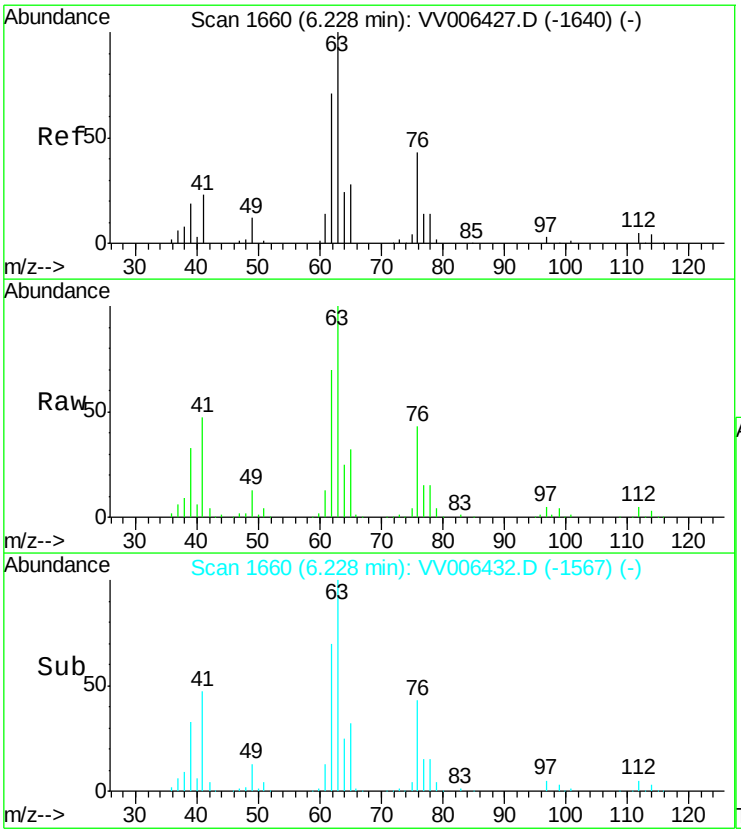
#34
Trichloroethene
Concen: 2.78 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Instrument :
MSVOA_V
ClientSampleId :
DAZ55

Tgt Ion: 95 Resp: 72440

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.6	82.8
132	99.3	70.1	130.1
130	103.8	73.3	136.1

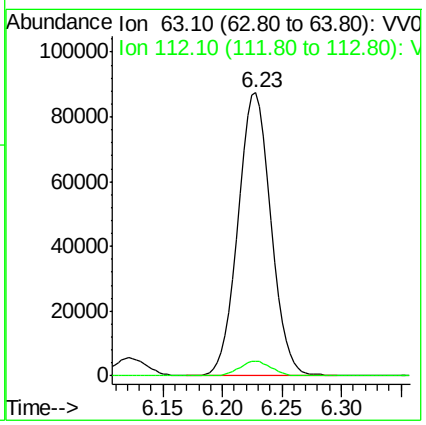


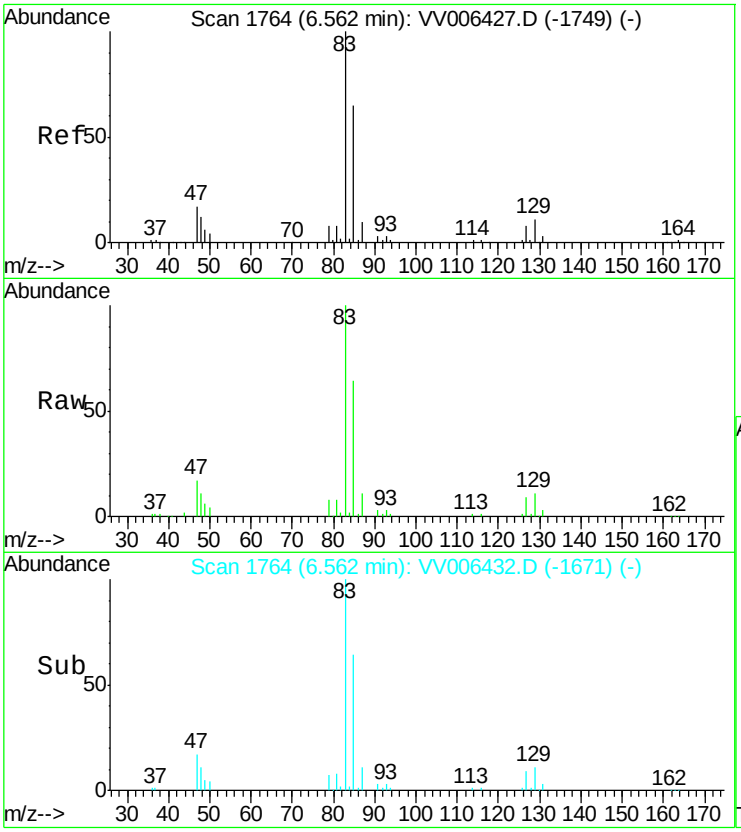


#37
1,2-Dichloropropane
Concen: 7.55 ug/L
RT: 6.23 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Tgt Ion: 63 Resp: 168259

Ion	Ratio	Lower	Upper
63	100		
112	5.1	4.0	6.0



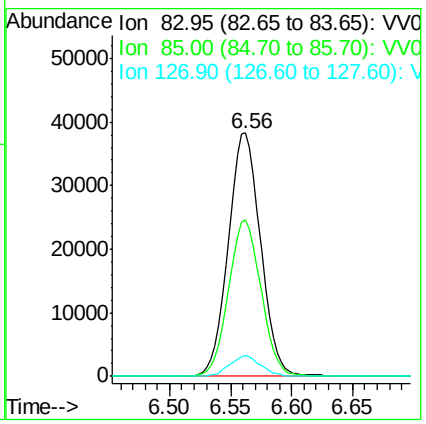


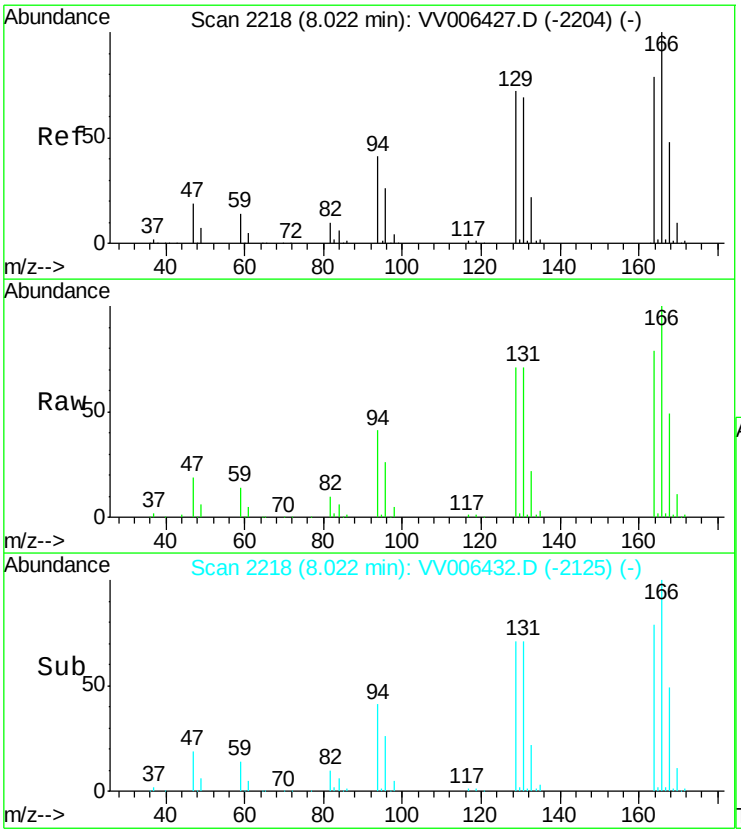
#38
Bromodichloromethane
Concen: 2.75 ug/L
RT: 6.56 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Instrument : MSVOA_V
ClientSampleId : DAZ55

Tgt Ion: 83 Resp: 70562

Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.1	83.9
127	8.6	6.6	9.8

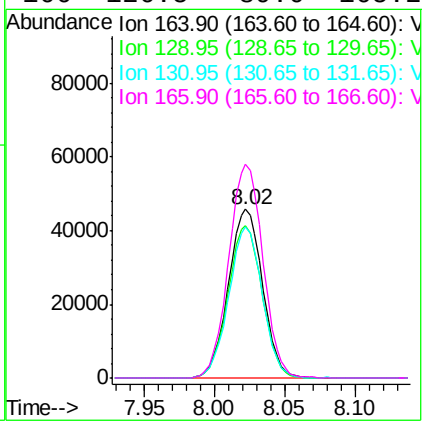


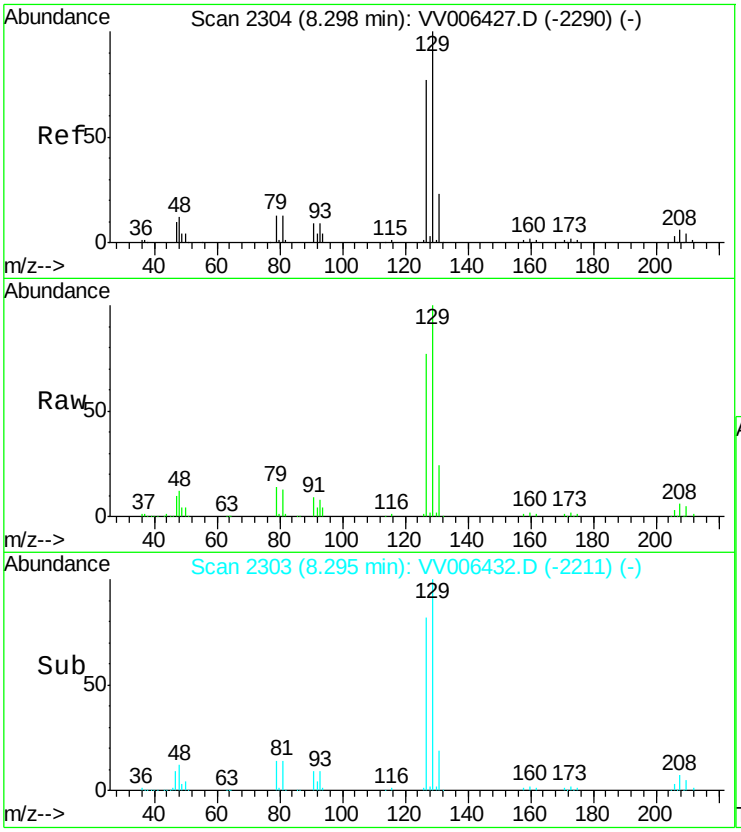


#47
Tetrachloroethene
Concen: 3.93 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Tgt Ion:164 Resp: 77512

Ion	Ratio	Lower	Upper
164	100		
129	90.3	64.0	118.8
131	89.4	61.7	114.5
166	126.5	89.0	165.2



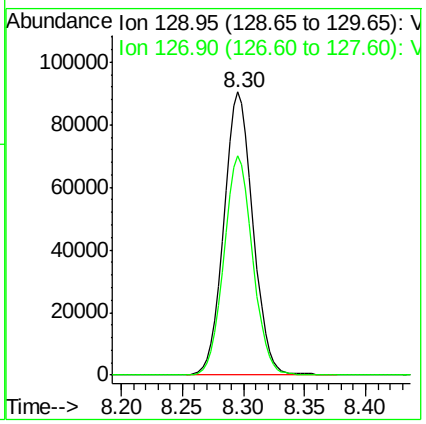


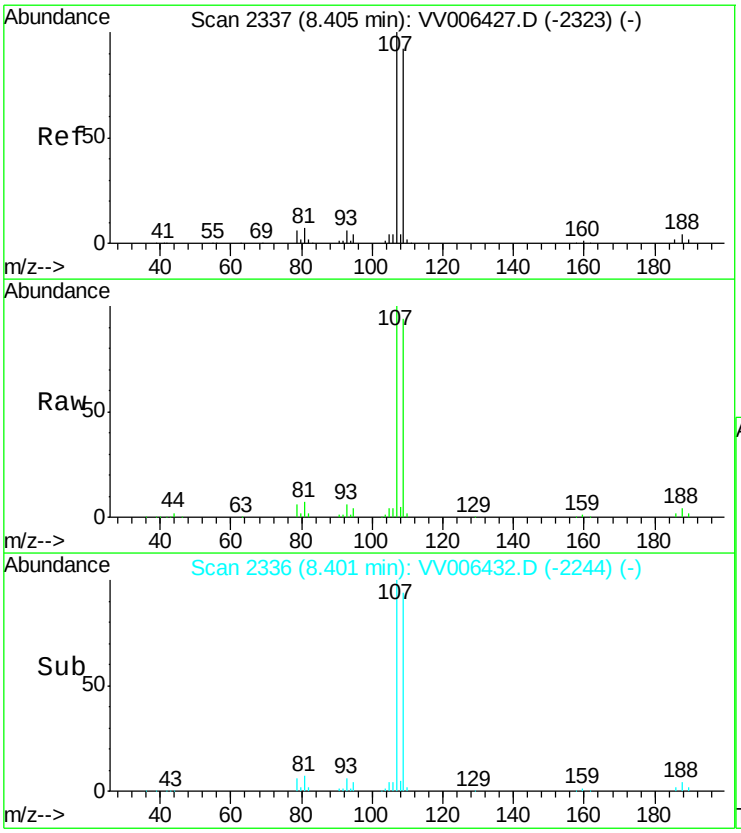
#49
Dibromochloromethane
Concen: 9.21 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Instrument : MSVOA_V
ClientSampleId : DAZ55

Tgt Ion:129 Resp: 151079

Ion	Ratio	Lower	Upper
129	100		
127	77.4	54.0	100.2

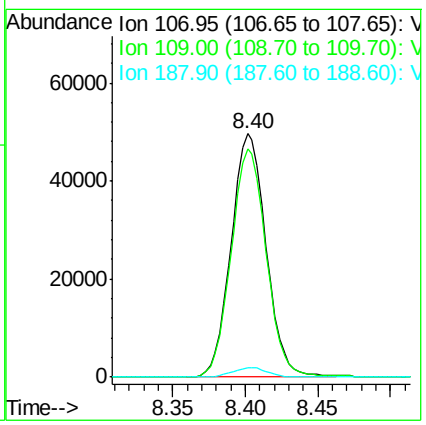


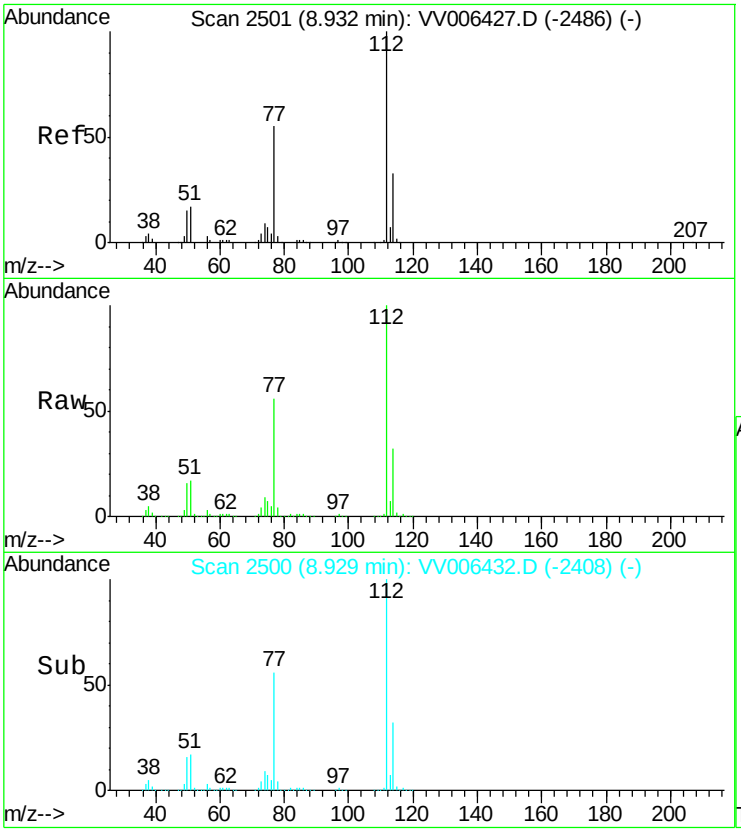


#50
1,2-Dibromoethane
Concen: 6.00 ug/L
RT: 8.40 min Scan# 2336
Delta R.T. -0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Tgt Ion:107 Resp: 82983

Ion	Ratio	Lower	Upper
107	100		
109	94.0	64.3	119.5
188	3.9	3.0	4.6



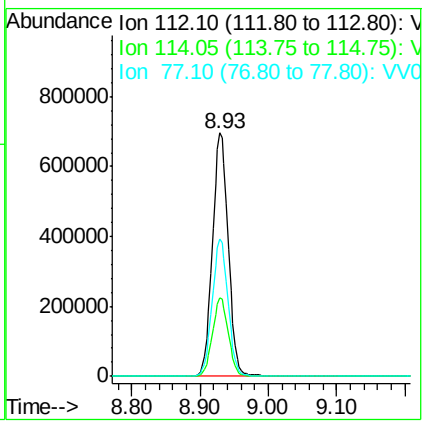


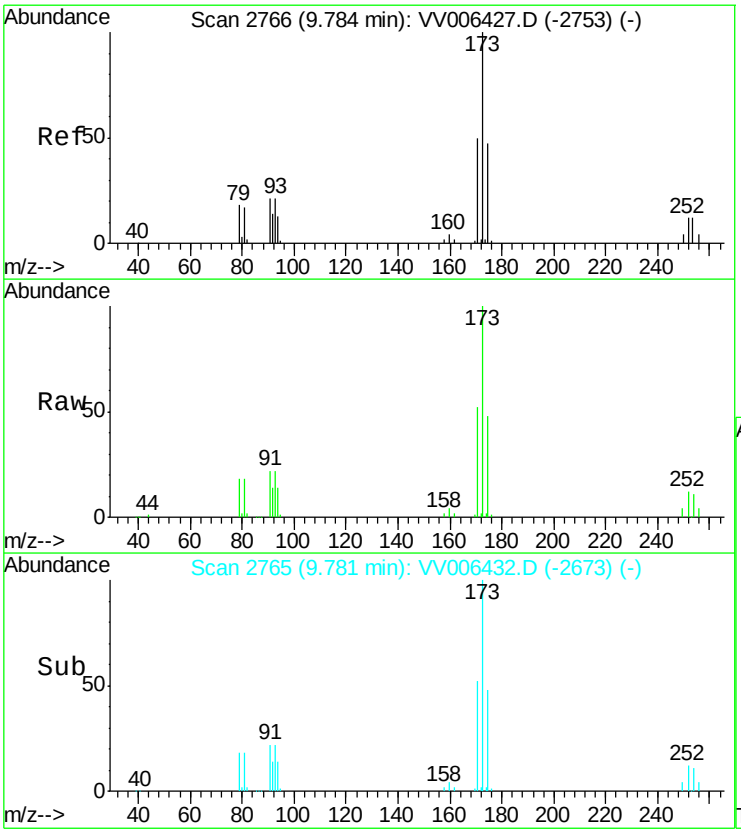
#51
Chlorobenzene
Concen: 17.57 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Instrument : MSVOA_V
ClientSampleId : DAZ55

Tgt Ion:112 Resp: 1122002

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.8	42.4
77	56.3	44.6	66.8

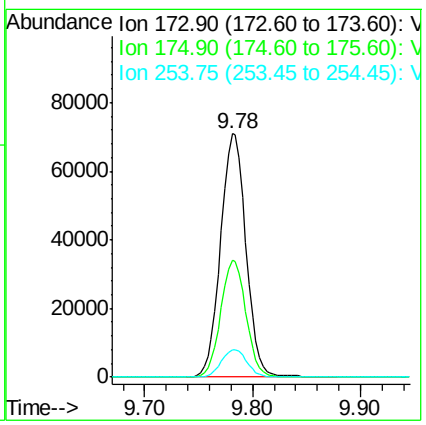


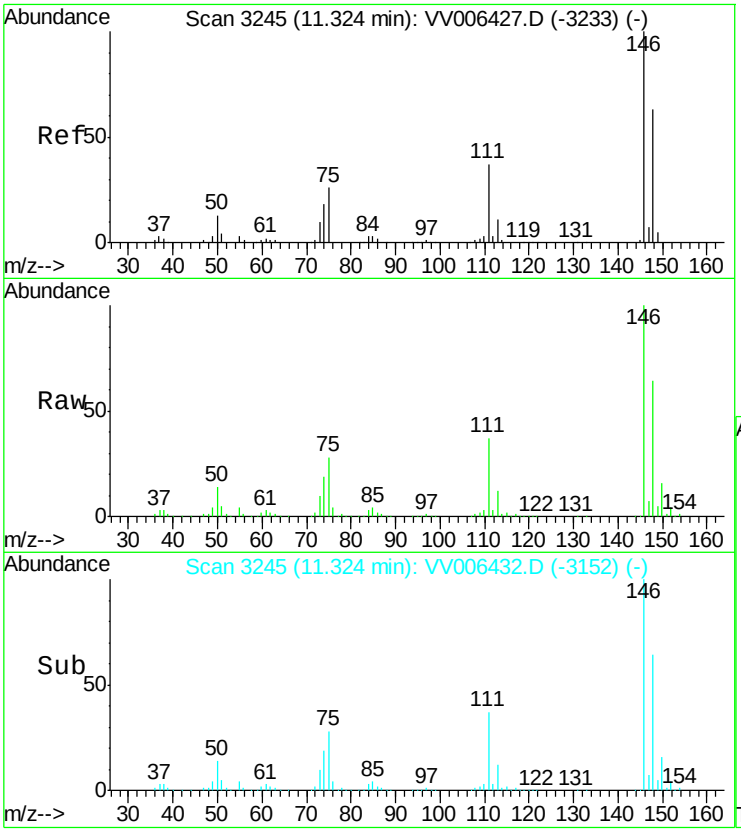


#61
Bromoform
Concen: 15.00 ug/L
RT: 9.78 min Scan# 2765
Delta R.T. -0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Tgt Ion:173 Resp: 116335

Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.8	58.2
254	11.3	9.0	13.6



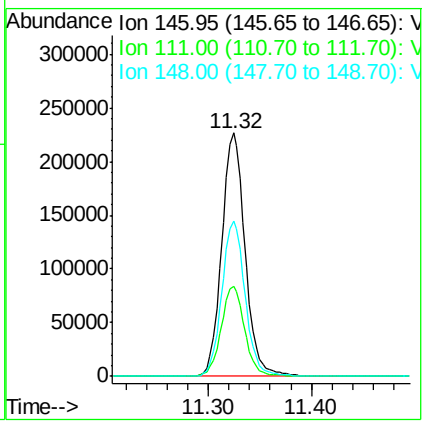


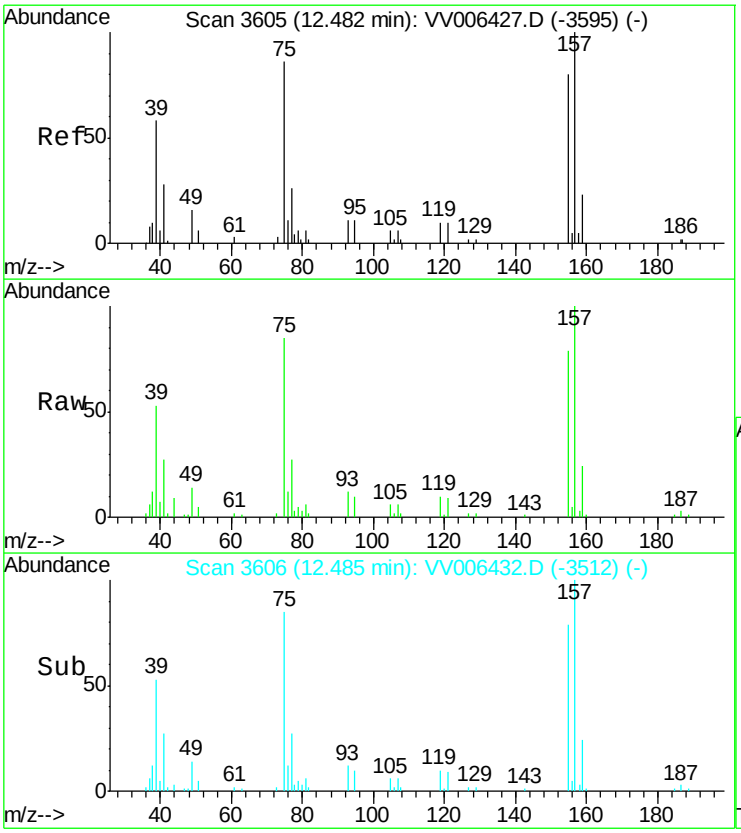
#63
1,4-Dichlorobenzene
Concen: 7.83 ug/L
RT: 11.32 min Scan# 3245
Delta R.T. 0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Instrument :
MSVOA_V
ClientSampleId :
DAZ55

Tgt Ion:146 Resp: 356729

Ion	Ratio	Lower	Upper
146	100		
111	37.1	26.3	48.9
148	63.7	44.0	81.6





#66
1,2-Dibromo-3-chloropropane
Concen: 9.25 ug/L
RT: 12.48 min Scan# 3606
Delta R.T. 0.00 min
Lab File: VV006432.D
Acq: 25 Jun 2018 15:49

Tgt Ion: 75 Resp: 16759

Ion	Ratio	Lower	Upper
75	100		
155	92.9	73.9	110.9
157	117.5	92.9	139.3