Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007755.D
Acq On : 23 Sep 2018 00:06
Operator : SY/MD
Sample : J50212-19 50X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C08Q8

Quant Time: Sep 24 02:37:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 02:35:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	169916	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	156866	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82264	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	36065	39.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.10%			
7) Chloroethane-d5	1.59	69	37880	45.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.28%			
11) 1,1-Dichloroethene-d2	2.14	63	66571	30.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.16%			
21) 2-Butanone-d5	3.95	46	60430	99.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.08%			
24) Chloroform-d	4.41	84	87616	44.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.62%			
26) 1,2-Dichloroethane-d4	5.09	65	61595	48.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.68%			
32) Benzene-d6	5.11	84	169689	47.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.12%			
36) 1,2-Dichloropropane-d6	6.13	67	52855	49.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.28%			
41) Toluene-d8	7.36	98	162405	43.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.20%			
43) trans-1,3-Dichloropropene-	7.67	79	20892	38.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.84%			
47) 2-Hexanone-d5	8.14	63	47557	101.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.42%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79561	47.87	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.74%			
64) 1,2-Dichlorobenzene-d4	11.68	152	77724	45.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.86%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	637	0.565	ug/L #	1
16) Methylene chloride	2.54	84	503	0.407	ug/L	83
25) Chloroform	4.43	83	4668	2.451	ug/L	98
33) Benzene	5.15	78	156962	41.773	ug/L	100
37) 1,2-Dichloropropane	6.13	63	6455	6.823	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1512	0.994	ug/L #	65
44) trans-1,3-Dichloropropene	7.67	75	1029	0.713	ug/L #	81
48) 2-Hexanone	8.14	43	5850	6.070	ug/L #	72
51) Chlorobenzene	8.93	112	165938	51.722	ug/L	98
59) 1,2,3-Trichloropropane	11.23	75	6786	5.073	ug/L #	43
62) 1,3-Dichlorobenzene	11.23	146	26080	9.999	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	129203	47.756	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	202642	76.834	ug/L	99
67) 1,3,5-Trichlorobenzene	13.32	180	18011	8.222	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	18011	9.161	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	8116	4.084	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007755.D
Acq On : 23 Sep 2018 00:06
Operator : SY/MD
Sample : J50212-19 50X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C08Q8

Quant Time: Sep 24 02:37:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 02:35:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007755.D
Acq On : 23 Sep 2018 00:06
Operator : SY/MD
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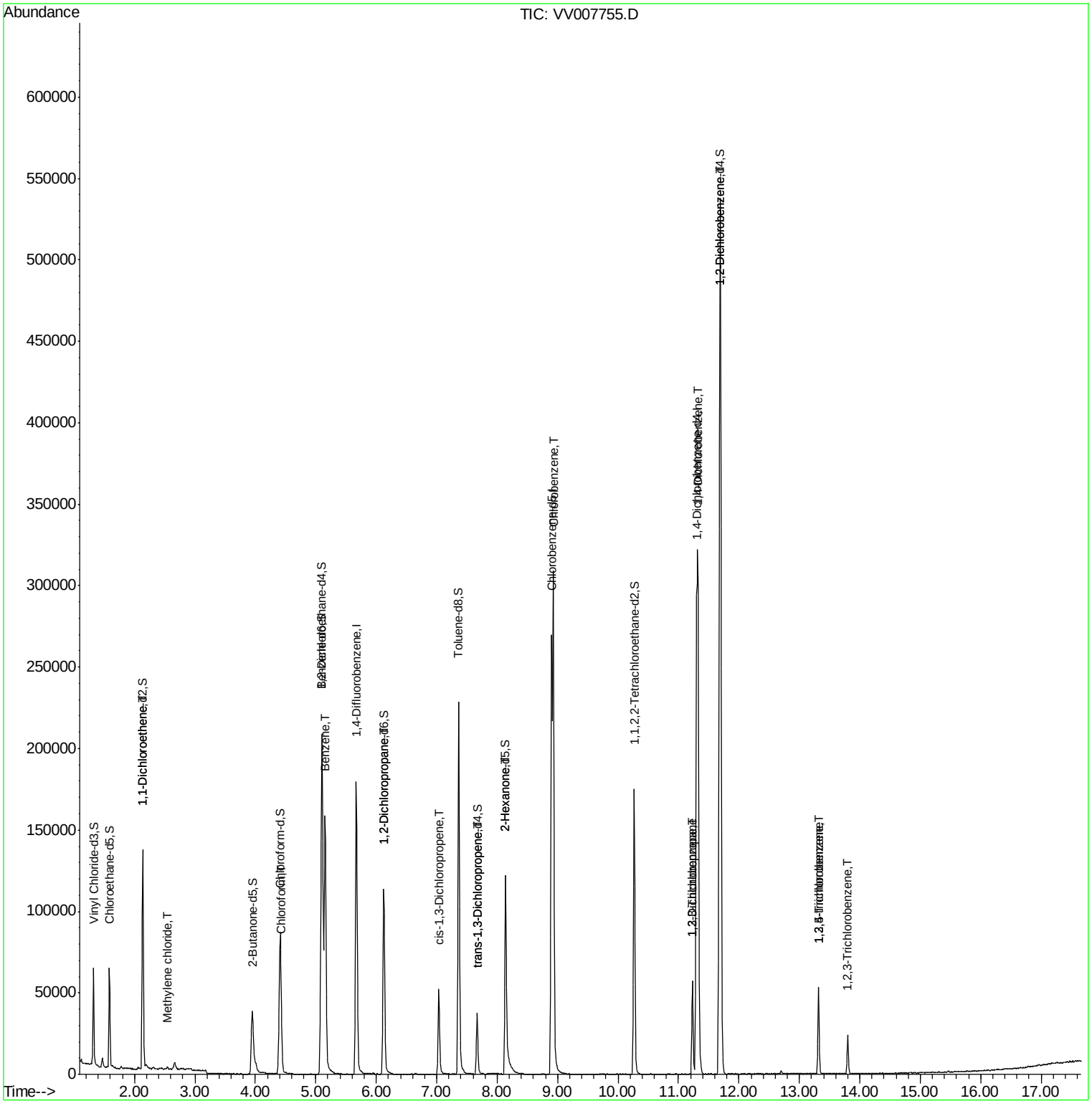
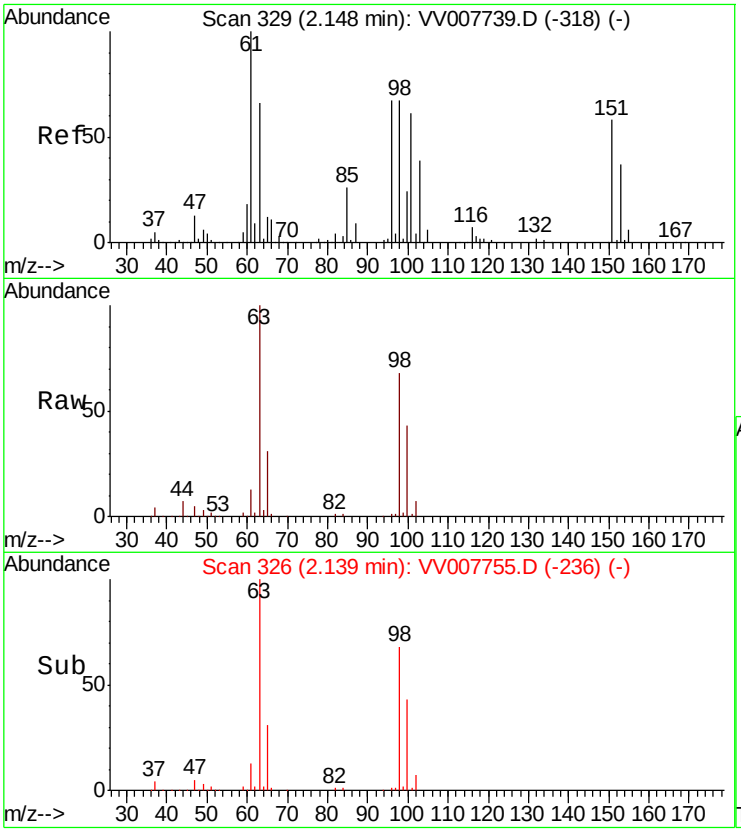
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 02:35:10 2018
Response via : Initial Calibration



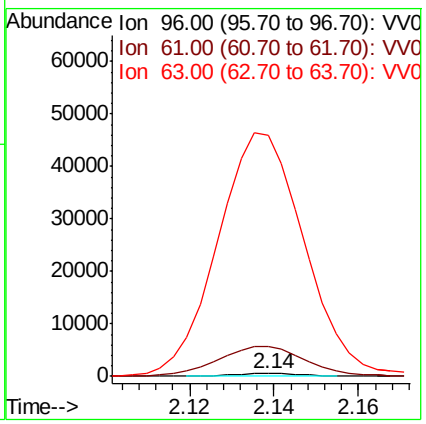


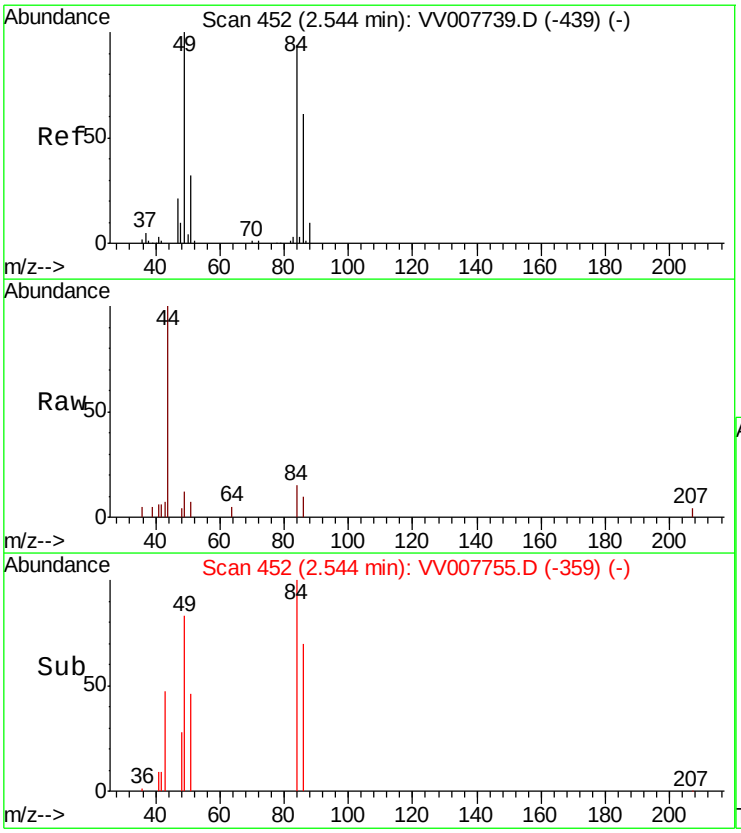
#12
1,1-Dichloroethene
Concen: 0.565 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Instrument : MSVOA_V
ClientSampleId : C08Q8

Tgt Ion: 96 Resp: 637

Ion	Ratio	Lower	Upper
96	100		
61	1149.9	107.3	199.3#
63	9102.6	78.8	146.4#

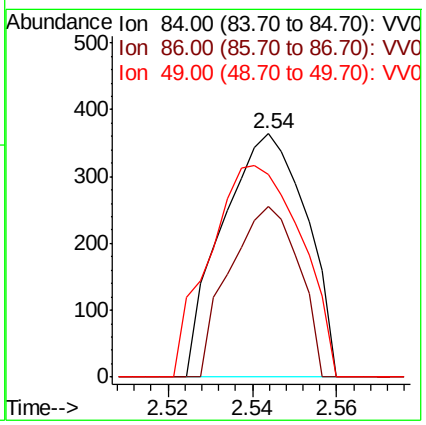


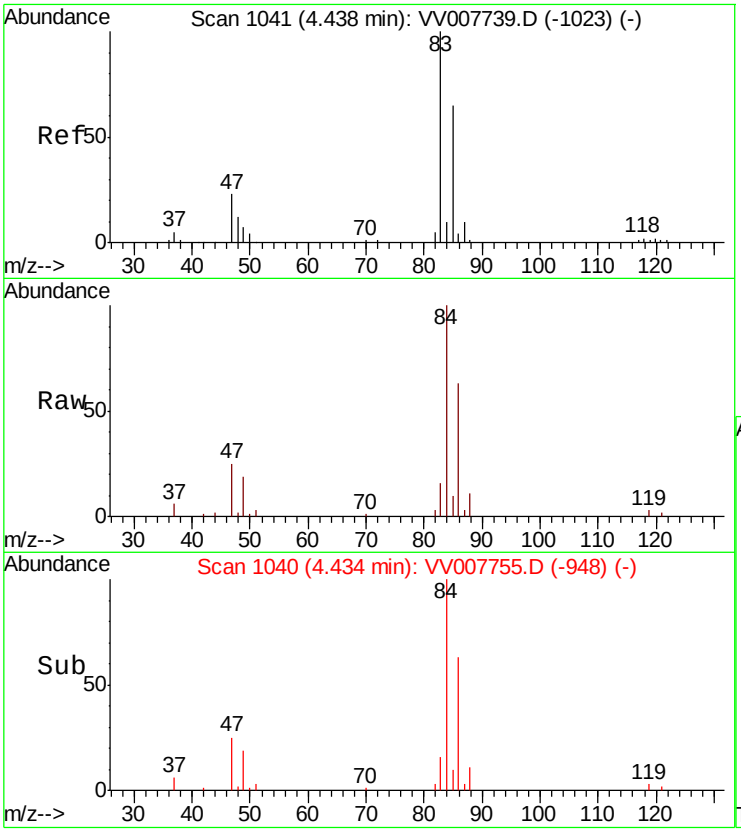


#16
Methylene chloride
Concen: 0.407 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.00 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Tgt Ion: 84 Resp: 503

Ion	Ratio	Lower	Upper
84	100		
86	70.3	45.4	84.4
49	83.2	75.3	139.9



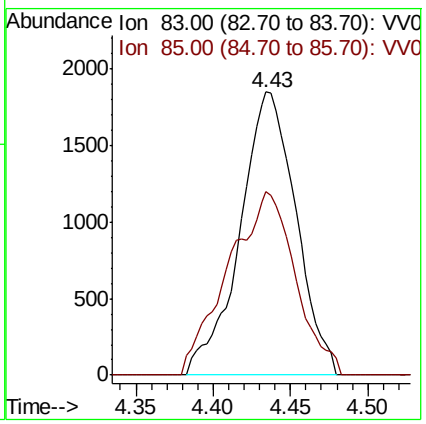


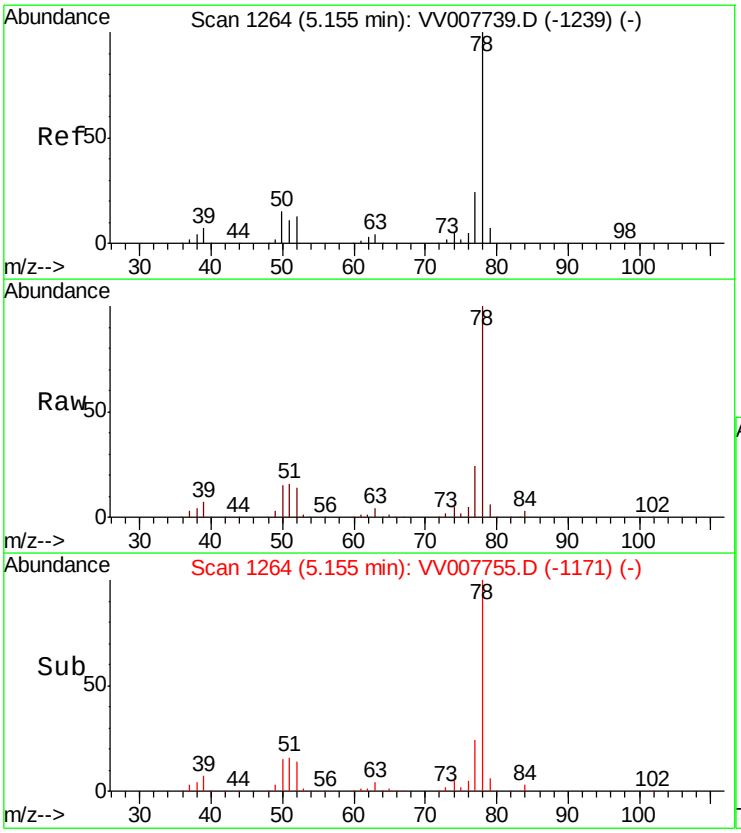
#25
Chloroform
Concen: 2.451 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Instrument :
MSVOA_V
ClientSampleId :
C08Q8

Tgt Ion: 83 Resp: 4668

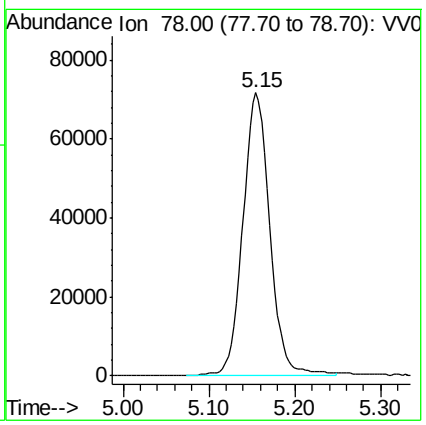
Ion	Ratio	Lower	Upper
83	100		
85	64.8	44.0	81.8

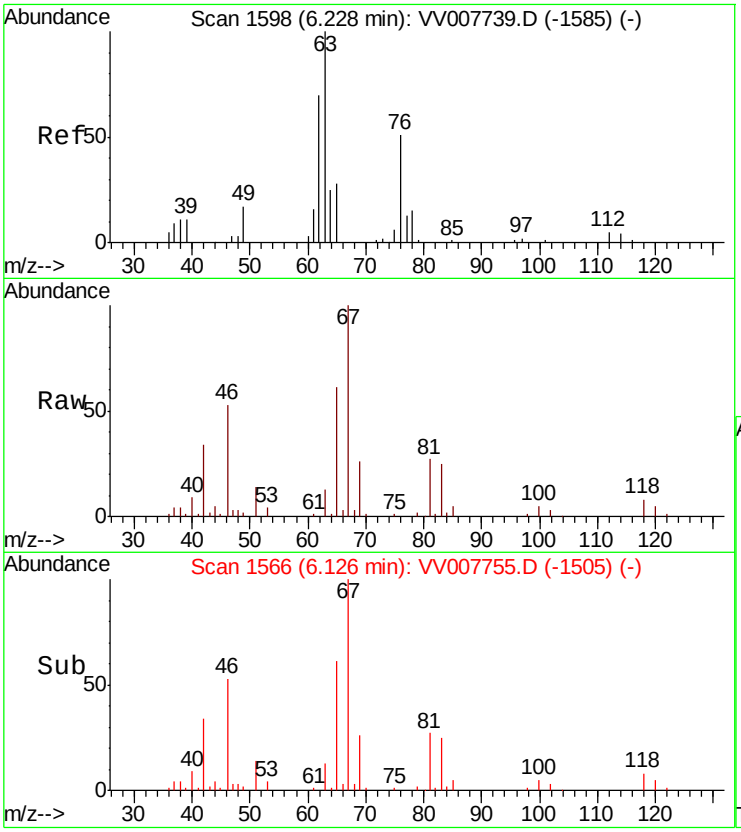




#33
Benzene
Concen: 41.773 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Tgt Ion: 78 Resp: 156962



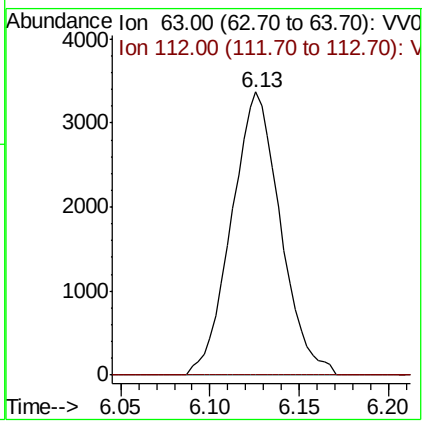


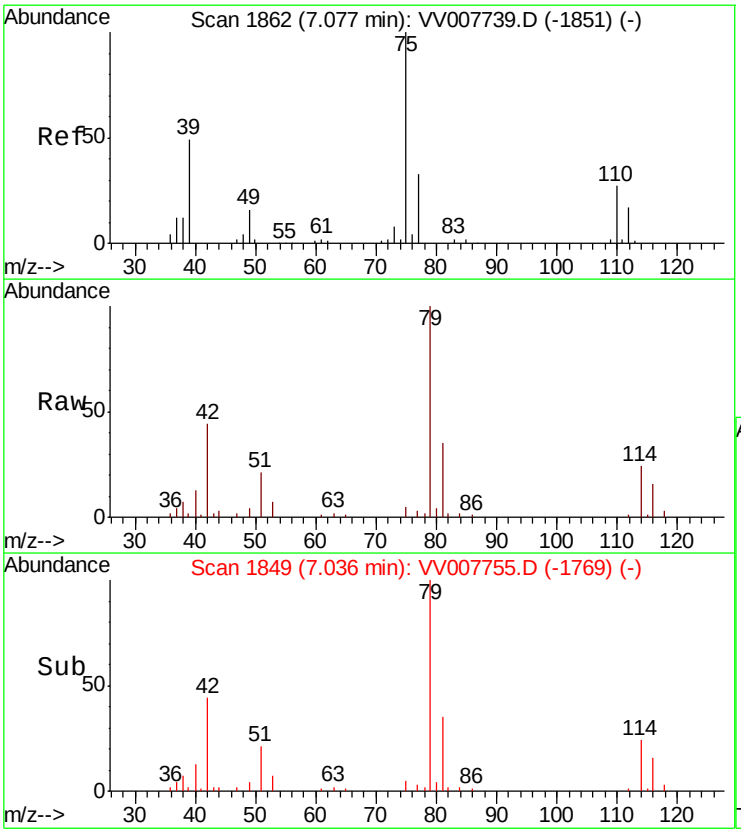
#37
1,2-Dichloropropane
Concen: 6.823 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Instrument : MSVOA_V
ClientSampleId : C08Q8

Tgt Ion: 63 Resp: 6455

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

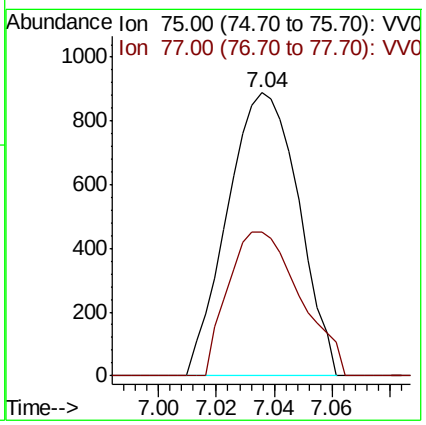


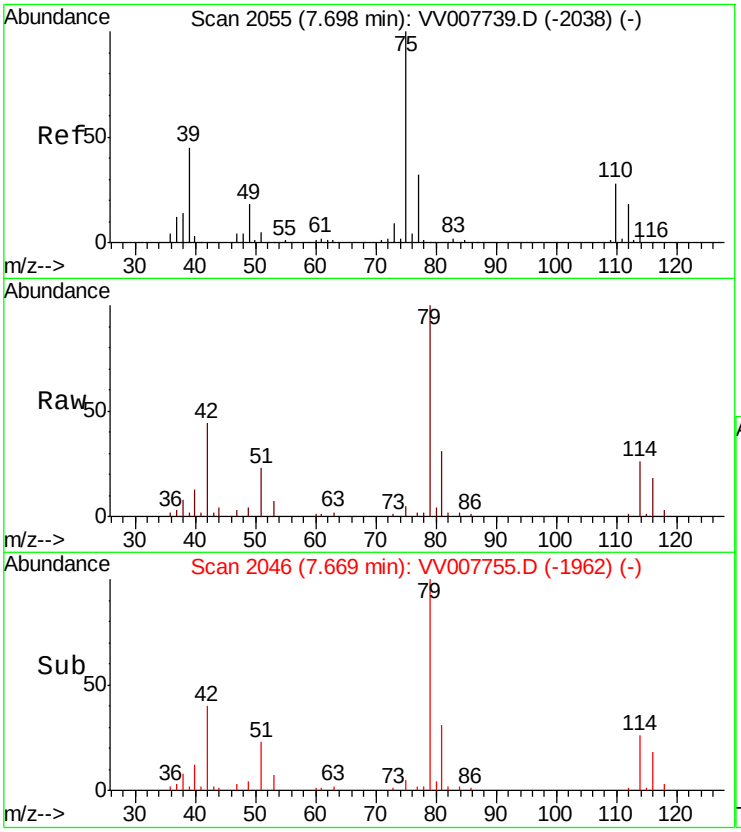


#39
cis-1,3-Dichloropropene
Concen: 0.994 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Tgt Ion: 75 Resp: 1512

Ion	Ratio	Lower	Upper
75	100		
77	50.8	22.0	40.8#



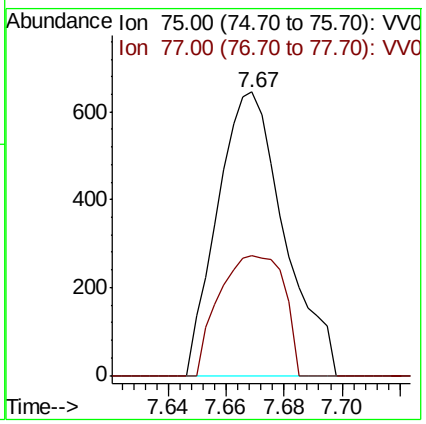


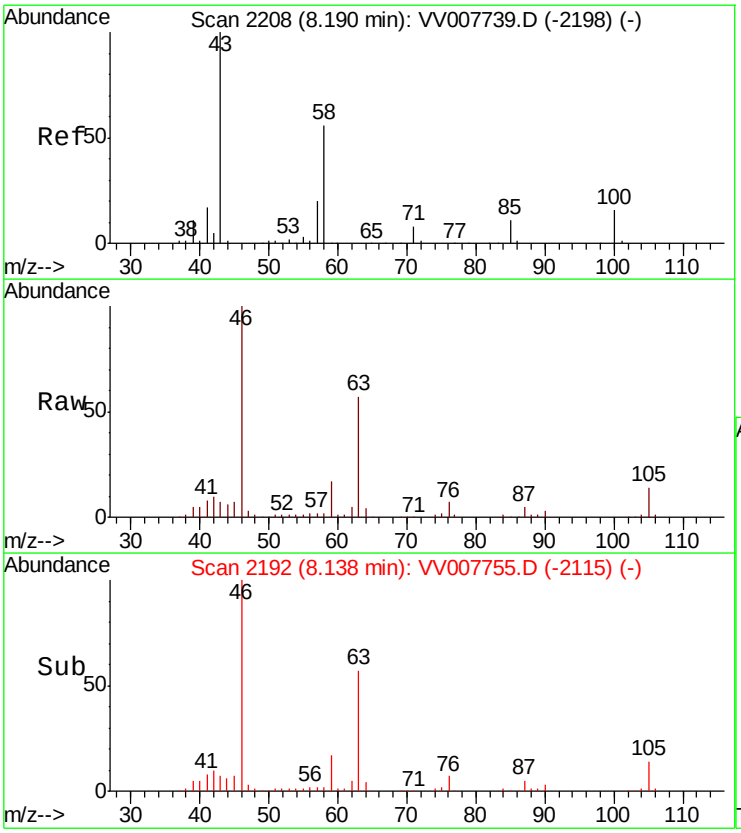
#44
trans-1,3-Dichloropropene
Concen: 0.713 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Instrument :
MSVOA_V
ClientSampleId :
C08Q8

Tgt Ion: 75 Resp: 1029

Ion	Ratio	Lower	Upper
75	100		
77	42.2	22.0	40.8#

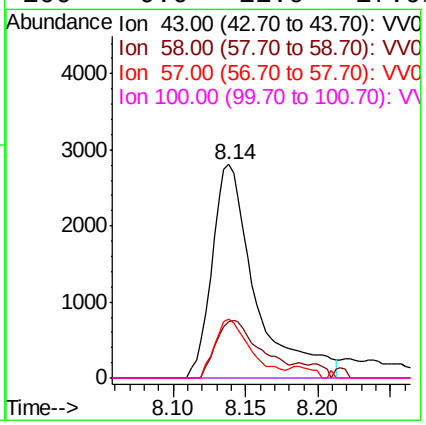


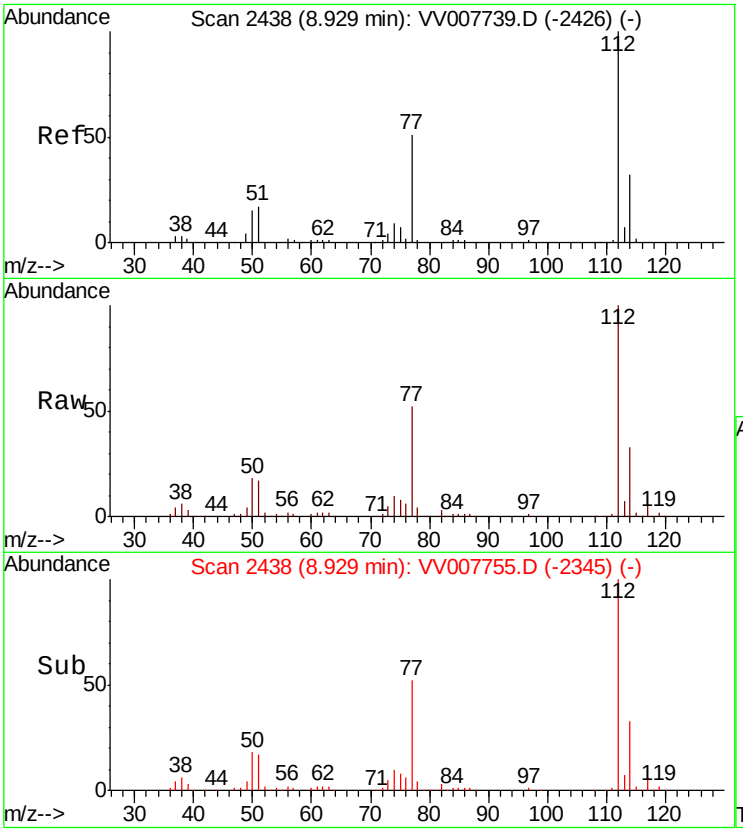


#48
2-Hexanone
Concen: 6.070 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Tgt Ion: 43 Resp: 5850

Ion	Ratio	Lower	Upper
43	100		
58	27.3	41.4	62.0#
57	22.7	16.0	24.0
100	0.0	11.9	17.9#



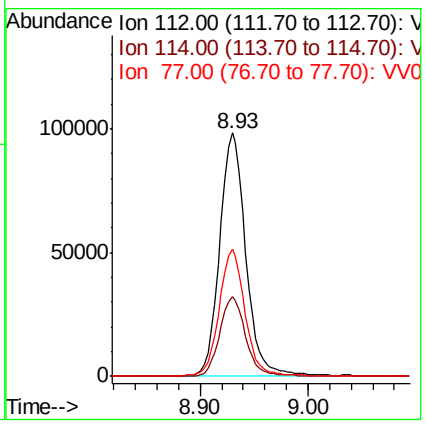


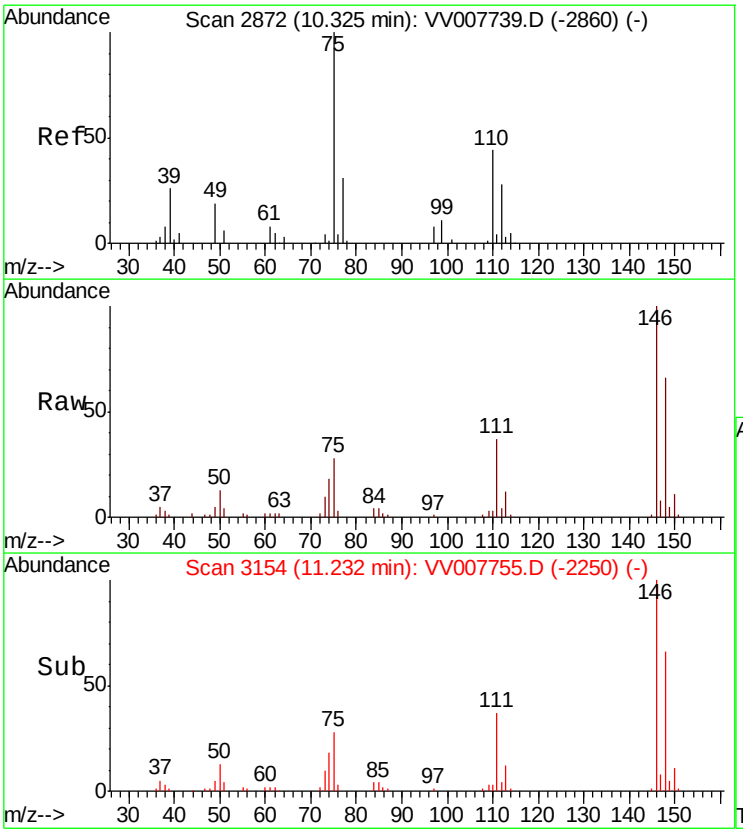
#51
Chlorobenzene
Concen: 51.722 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Instrument :
MSVOA_V
ClientSampleId :
C08Q8

Tgt Ion:112 Resp: 165938

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.3	41.3
77	52.3	40.6	60.8

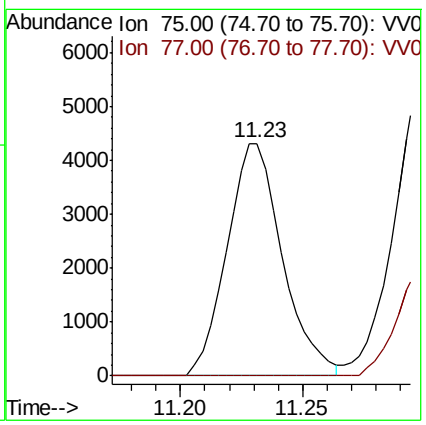


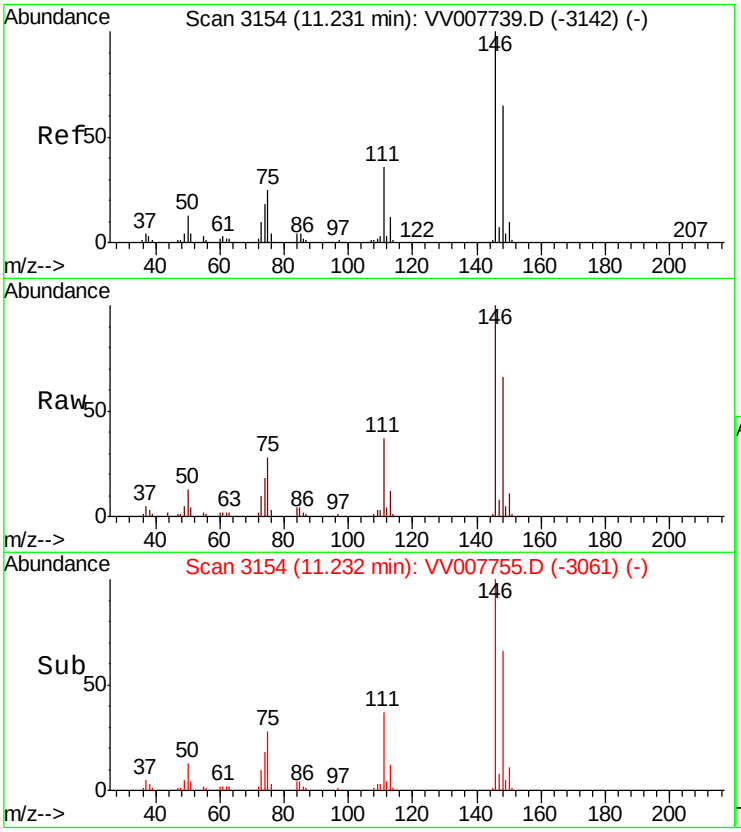


#59
1,2,3-Trichloropropane
Concen: 5.073 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. 0.91 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Tgt Ion: 75 Resp: 6786

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.6	38.4#



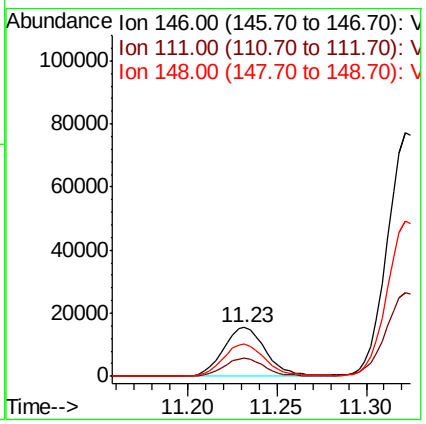


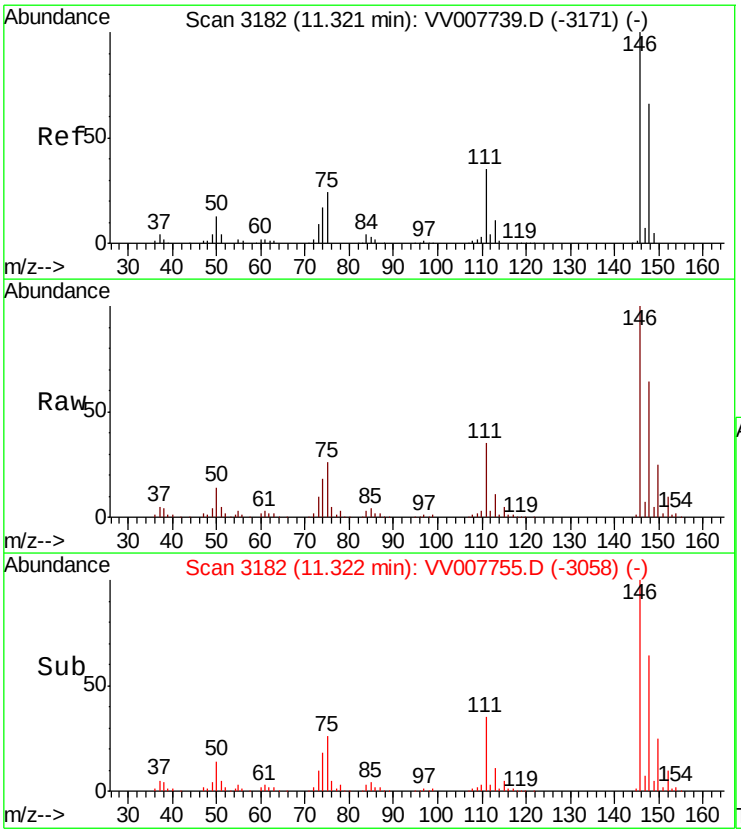
#62
1,3-Dichlorobenzene
Concen: 9.999 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Instrument :
MSVOA_V
ClientSampleId :
C08Q8

Tgt Ion:146 Resp: 26080

Ion	Ratio	Lower	Upper
146	100		
111	37.2	25.1	46.7
148	66.1	45.1	83.9

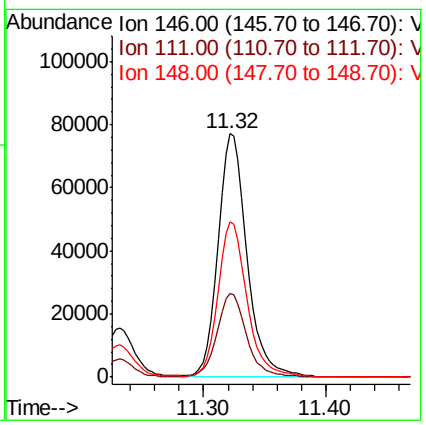


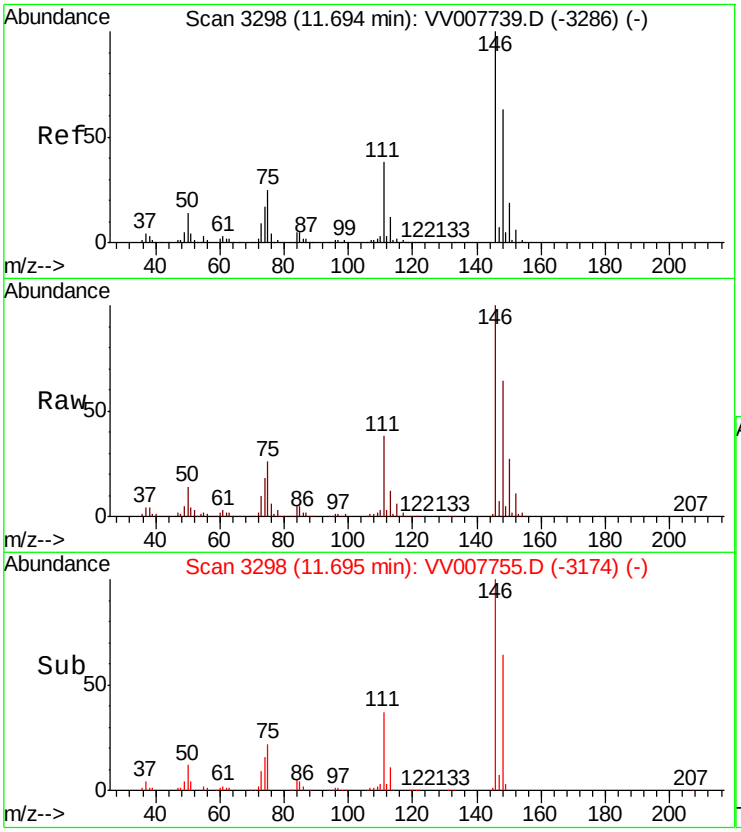


#63
1,4-Dichlorobenzene
Concen: 47.756 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Tgt Ion:146 Resp: 129203

Ion	Ratio	Lower	Upper
146	100		
111	34.6	24.4	45.4
148	63.8	45.1	83.7



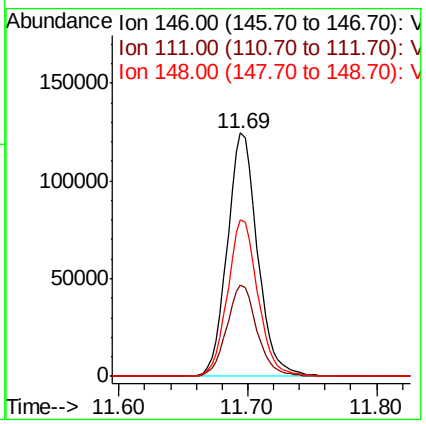


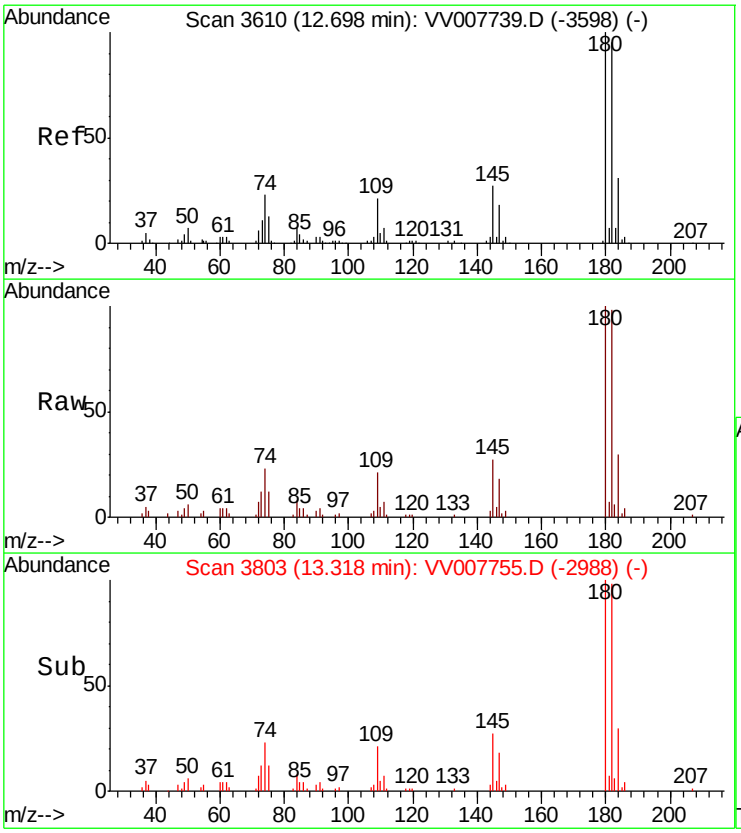
#65
1,2-Dichlorobenzene
Concen: 76.834 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Instrument : MSVOA_V
ClientSampleId : C08Q8

Tgt Ion:146 Resp: 202642

Ion	Ratio	Lower	Upper
146	100		
111	37.7	29.8	44.8
148	64.2	50.8	76.2

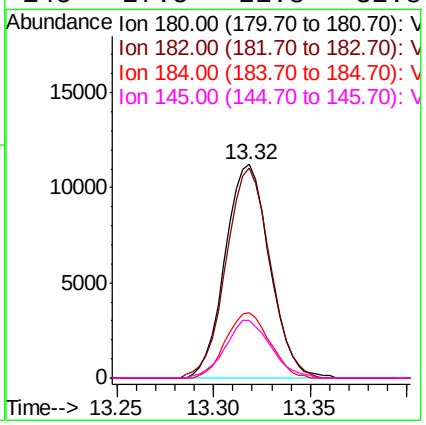


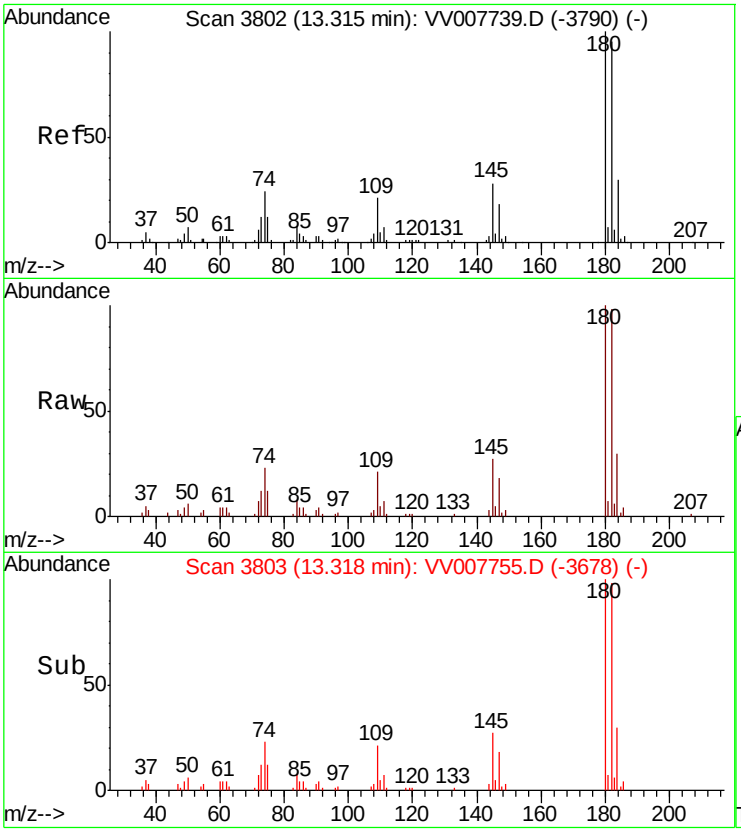


#67
1,3,5-Trichlorobenzene
Concen: 8.222 ug/L
RT: 13.32 min Scan# 3803
Delta R.T. 0.62 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Tgt Ion:180 Resp: 18011

Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.6	116.4
184	29.9	24.7	37.1
145	27.5	21.8	32.8



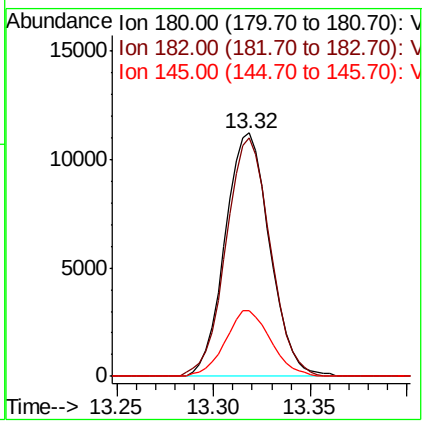


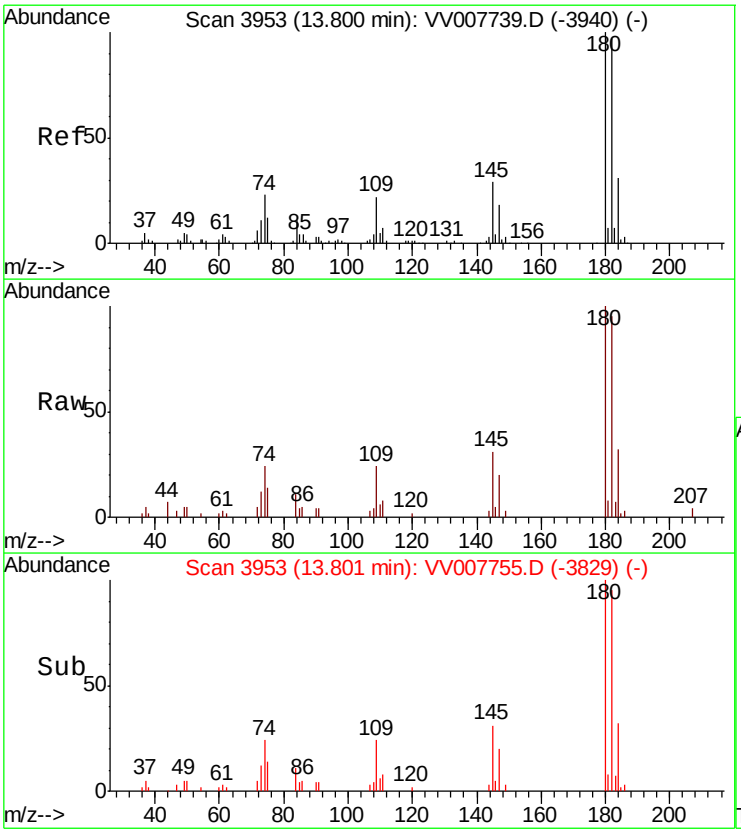
#68
1,2,4-trichlorobenzene
Concen: 9.161 ug/L
RT: 13.32 min Scan# 3803
Delta R.T. 0.00 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Instrument :
MSVOA_V
ClientSampleId :
C08Q8

Tgt Ion:180 Resp: 18011

Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.0	115.6
145	27.5	22.2	33.2





#70
1,2,3-Trichlorobenzene
Concen: 4.084 ug/L
RT: 13.80 min Scan# 3953
Delta R.T. 0.00 min
Lab File: VV007755.D
Acq: 23 Sep 2018 00:06

Tgt Ion:180 Resp: 8116

Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.4	116.2
145	29.6	23.3	34.9