Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092818\
Data File : VV007970.D
Acq On : 28 Sep 2018 23:07
Operator : SY/MD
Sample : J5091-01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E62S5

Quant Time: Oct 01 05:21:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 01 04:55:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	92000	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90139	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57038	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	18032	3.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.20%			
7) Chloroethane-d5	1.59	69	17841	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.80%			
11) 1,1-Dichloroethene-d2	2.14	63	30552	2.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.80%#			
20) 2-Butanone-d5	3.97	46	68547	46.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.42%			
24) Chloroform-d	4.41	84	46820	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
26) 1,2-Dichloroethane-d4	5.09	65	26078	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.40%			
32) Benzene-d6	5.10	84	90450	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	6.12	67	29146	4.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.40%			
41) Toluene-d8	7.36	98	83136	3.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.80%			
43) trans-1,3-Dichloropropene-	7.67	79	9231	3.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.20%			
46) 2-Hexanone-d5	8.14	63	51630	44.53	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.06%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22757	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	44356	4.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.40%			
Target Compounds						Qvalue
13) Acetone	2.22	43	8286	7.666	ug/L	97
30) Cyclohexane	4.72	56	1820	0.179	ug/L #	86
33) Benzene	5.15	78	2509	0.097	ug/L	100
47) Tetrachloroethene	8.02	164	2117	0.309	ug/L	97
51) Chlorobenzene	8.93	112	1185219	61.045	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	1924250	102.188	ug/L	99
63) 1,4-Dichlorobenzene	11.33	146	4407533	225.116	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	4858887	273.715	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	126170	9.258	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	47833	3.876	ug/L	99

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

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ClientSampleId :
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QLast Update : Mon Oct 01 04:55:39 2018
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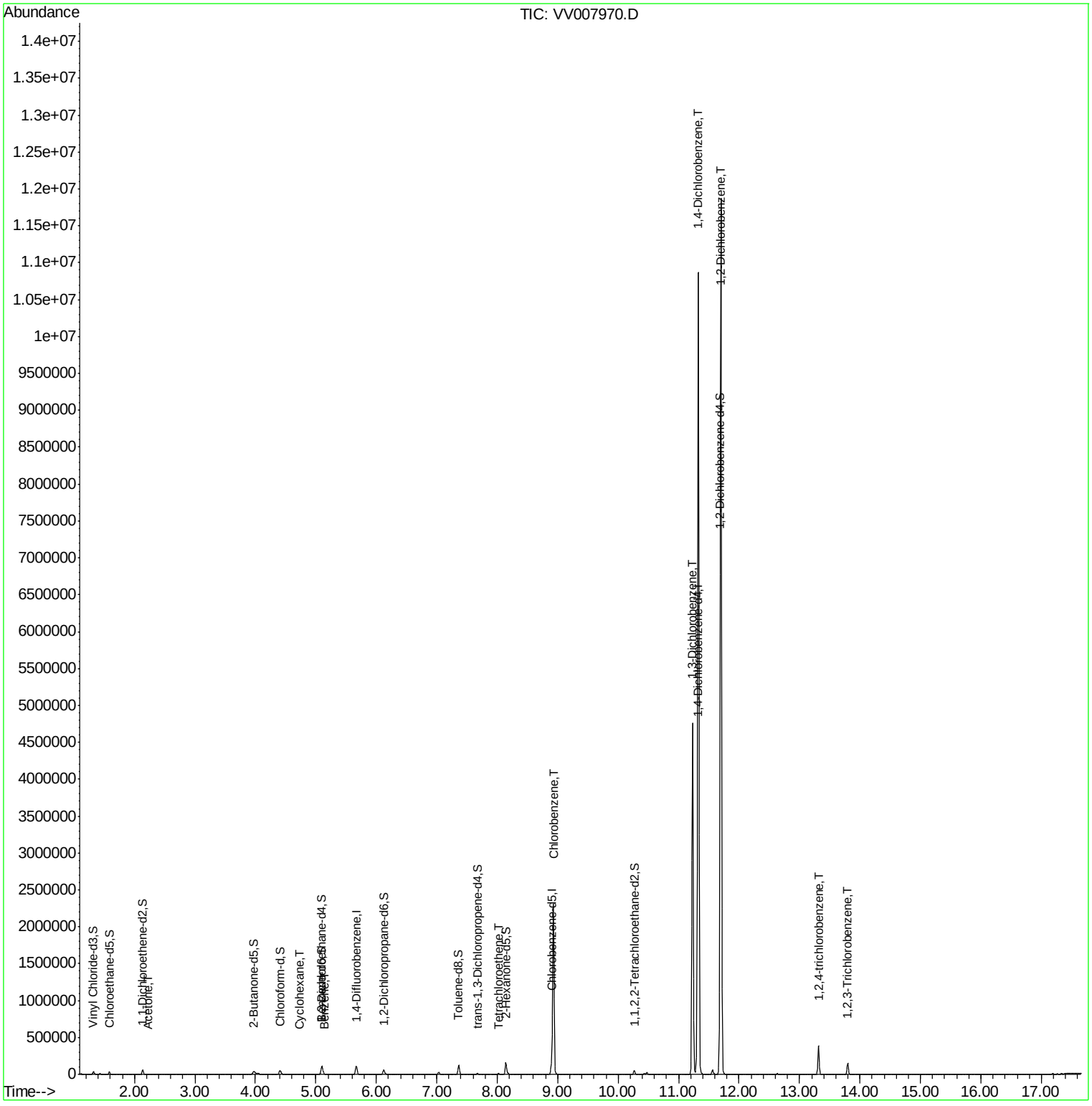
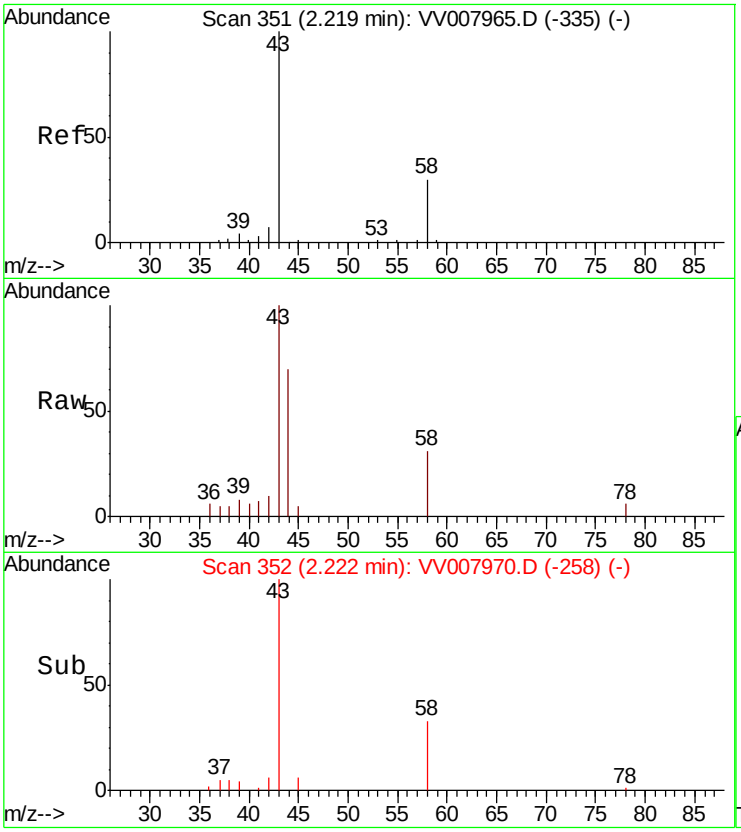


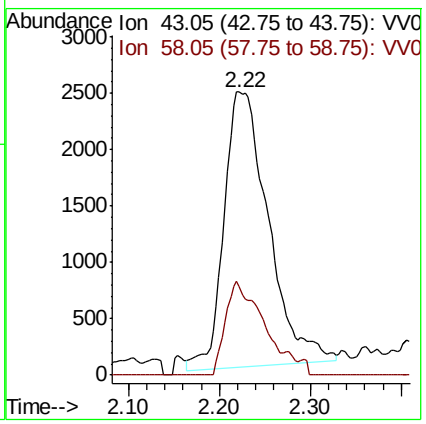


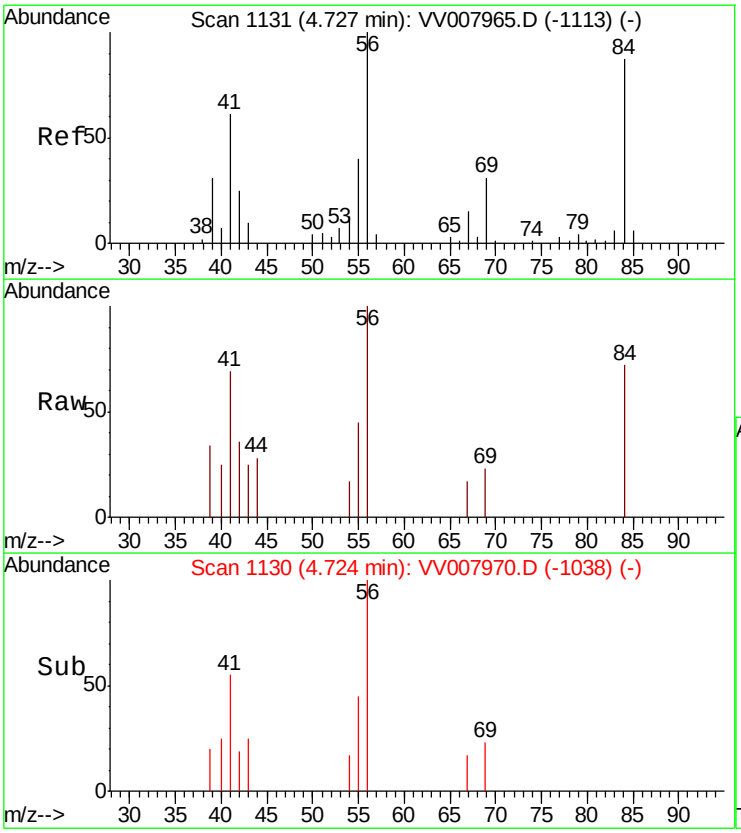
#13
Acetone
Concen: 7.666 ug/L
RT: 2.22 min Scan# 352
Delta R.T. 0.00 min
Lab File: VV007970.D
Acq: 28 Sep 2018 23:07

Instrument :
MSVOA_V
ClientSampleId :
E62S5

Tgt Ion: 43 Resp: 8286

Ion	Ratio	Lower	Upper
43	100		
58	29.6	0.0	62.0

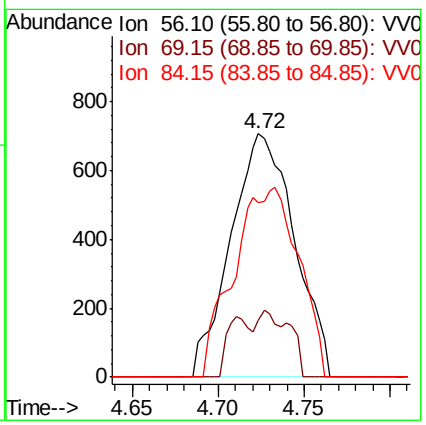


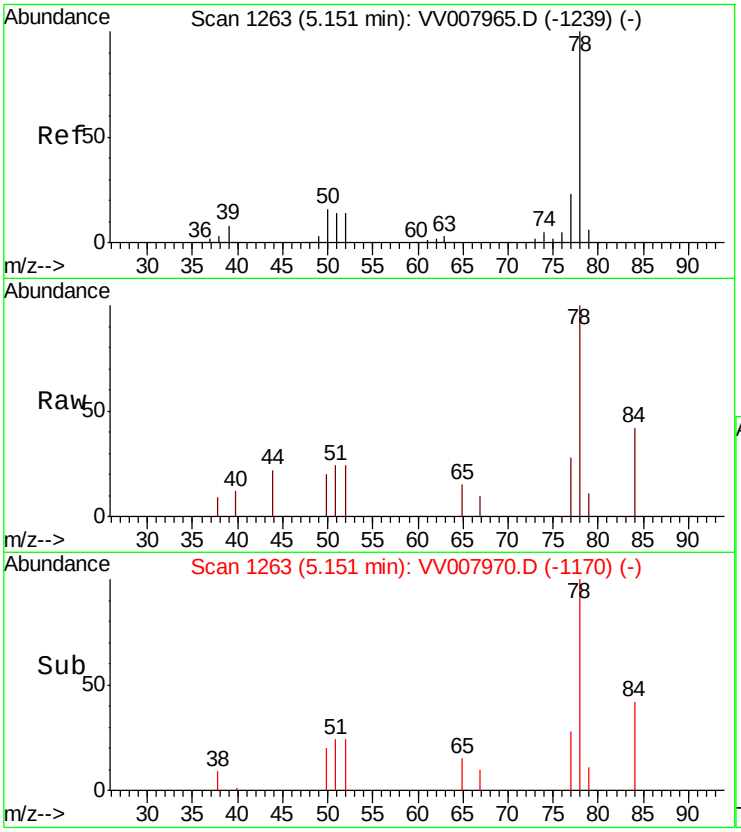


#30
Cyclohexane
Concen: 0.179 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VV007970.D
Acq: 28 Sep 2018 23:07

Tgt Ion: 56 Resp: 1820

Ion	Ratio	Lower	Upper
56	100		
69	13.5	24.2	36.4#
84	79.5	69.8	104.8

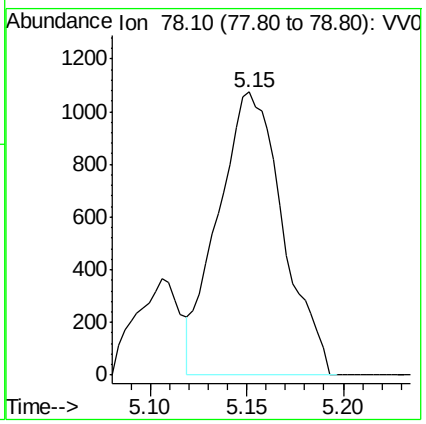


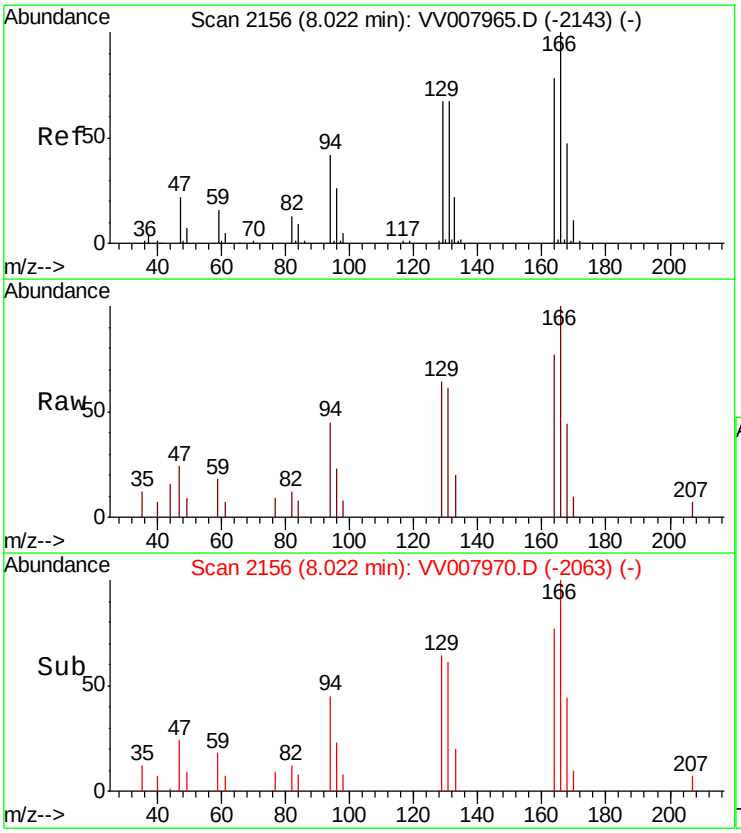


#33
Benzene
Concen: 0.097 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV007970.D
Acq: 28 Sep 2018 23:07

Instrument :
MSVOA_V
ClientSampleId :
E62S5

Tgt Ion: 78 Resp: 2509

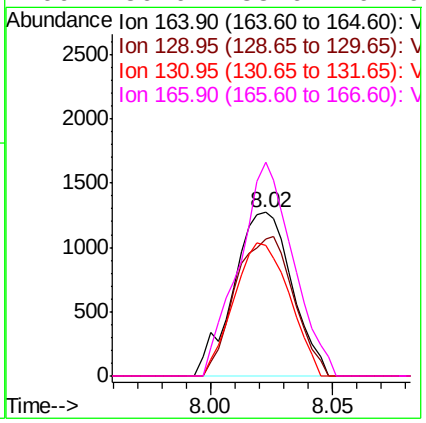


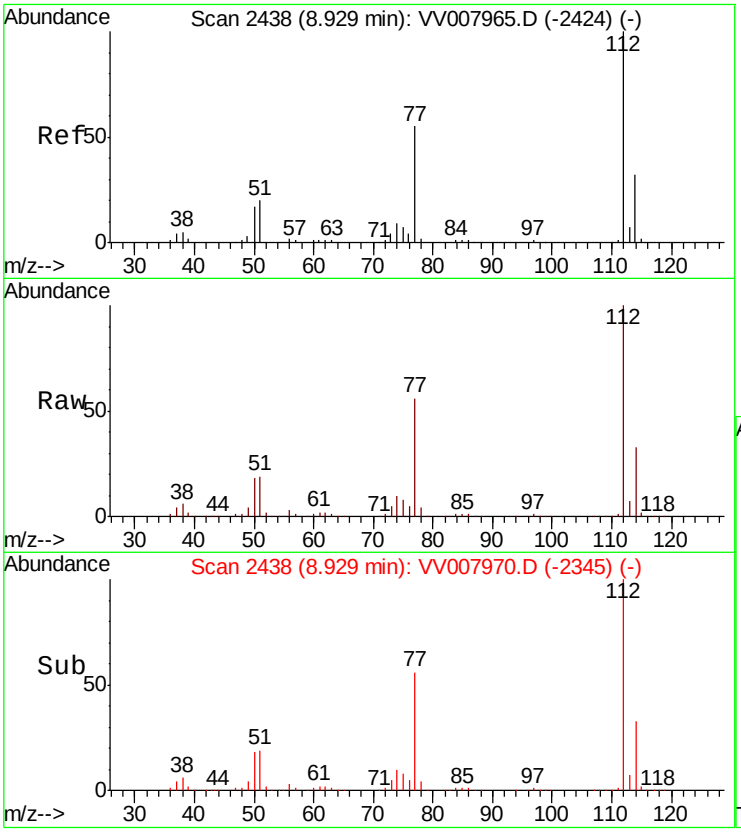


#47
Tetrachloroethene
Concen: 0.309 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV007970.D
Acq: 28 Sep 2018 23:07

Tgt Ion:164 Resp: 2117

Ion	Ratio	Lower	Upper
164	100		
129	83.4	59.2	110.0
131	79.5	57.1	106.1
166	130.6	88.6	164.6



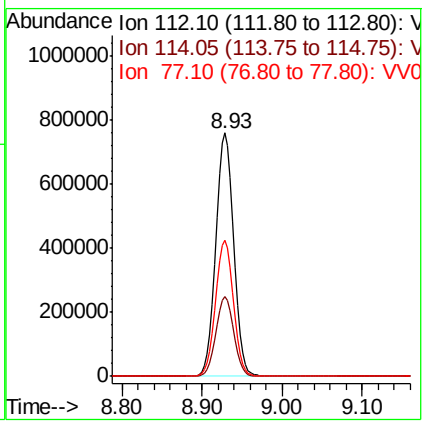


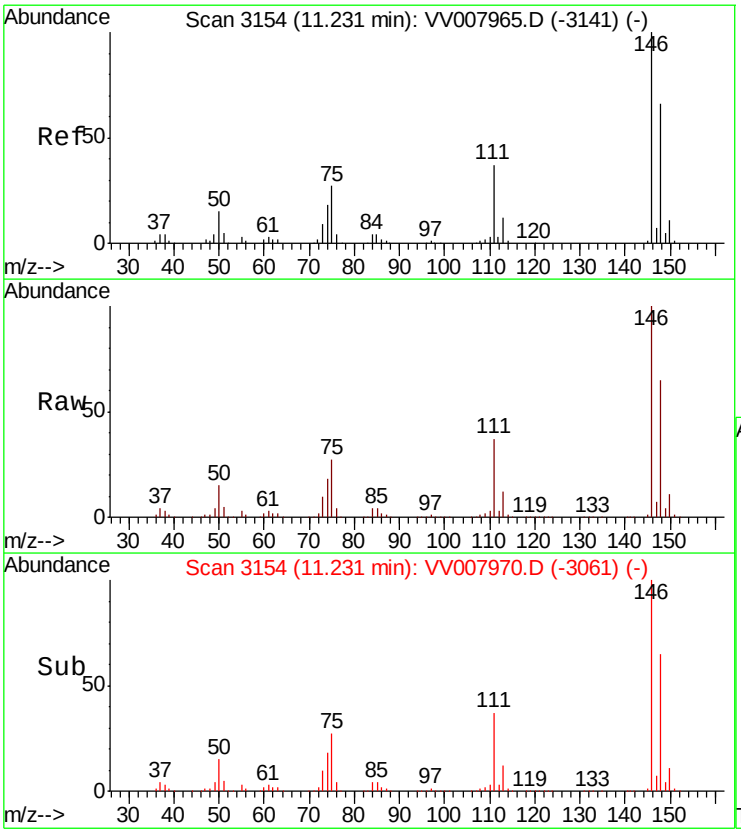
#51
Chlorobenzene
Concen: 61.045 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV007970.D
Acq: 28 Sep 2018 23:07

Instrument :
MSVOA_V
ClientSampleId :
E62S5

Tgt Ion:112 Resp: 1185219

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.4	41.6
77	56.0	45.0	67.6

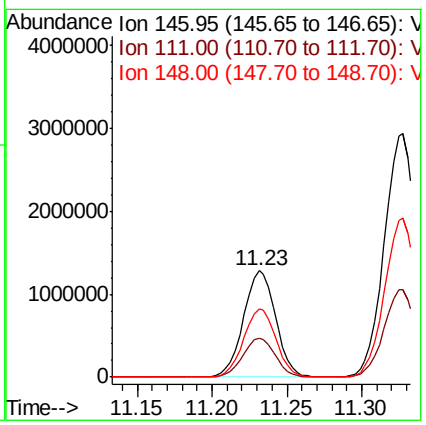


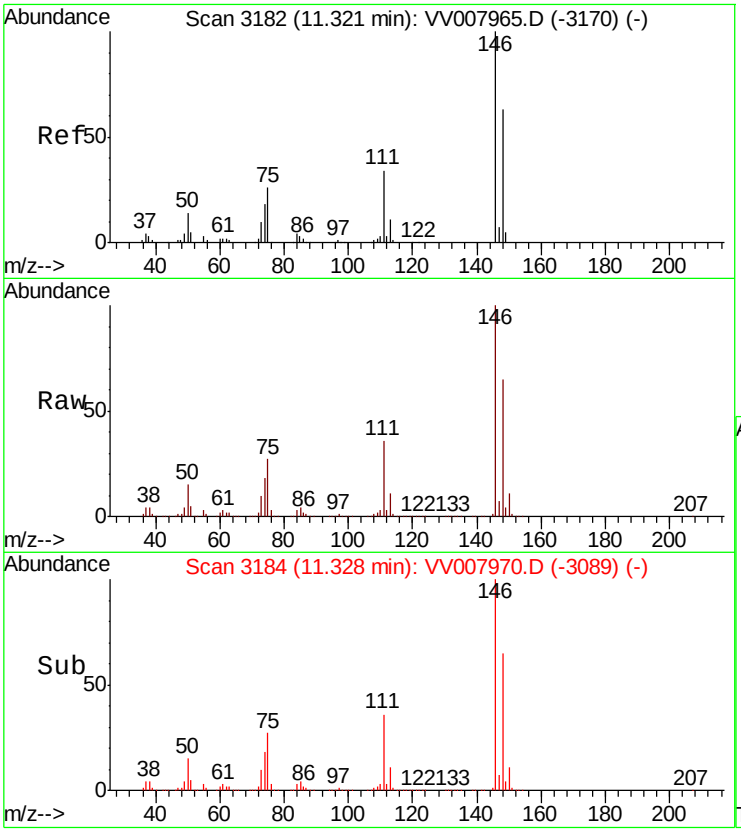


#62
1,3-Dichlorobenzene
Concen: 102.188 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VV007970.D
Acq: 28 Sep 2018 23:07

Tgt Ion:146 Resp: 1924250

Ion	Ratio	Lower	Upper
146	100		
111	37.1	25.8	48.0
148	64.6	44.7	82.9



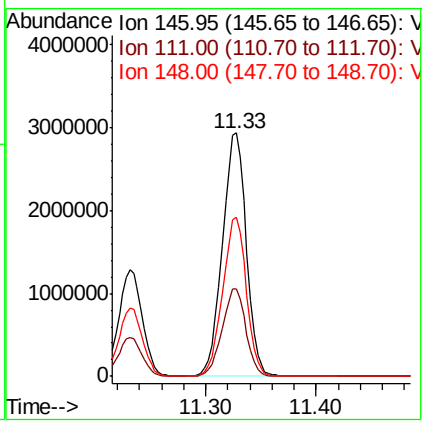


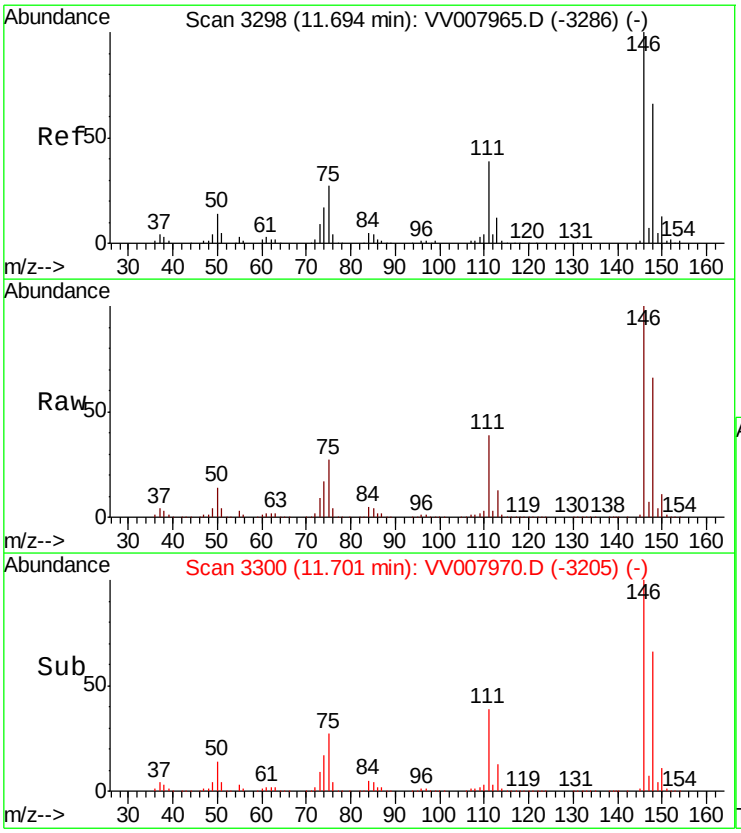
#63
1,4-Dichlorobenzene
Concen: 225.116 ug/L
RT: 11.33 min Scan# 3184
Delta R.T. 0.01 min
Lab File: VV007970.D
Acq: 28 Sep 2018 23:07

Instrument : MSVOA_V
ClientSampleId : E62S5

Tgt Ion:146 Resp: 4407533

Ion	Ratio	Lower	Upper
146	100		
111	35.7	25.3	47.1
148	65.3	44.7	82.9

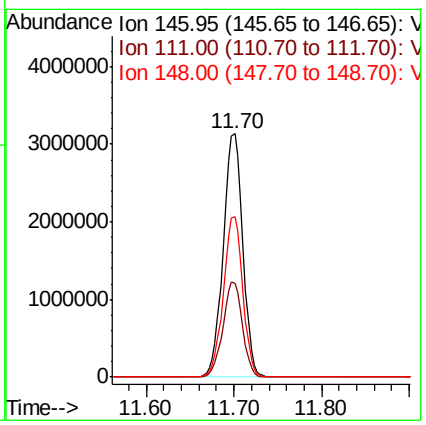


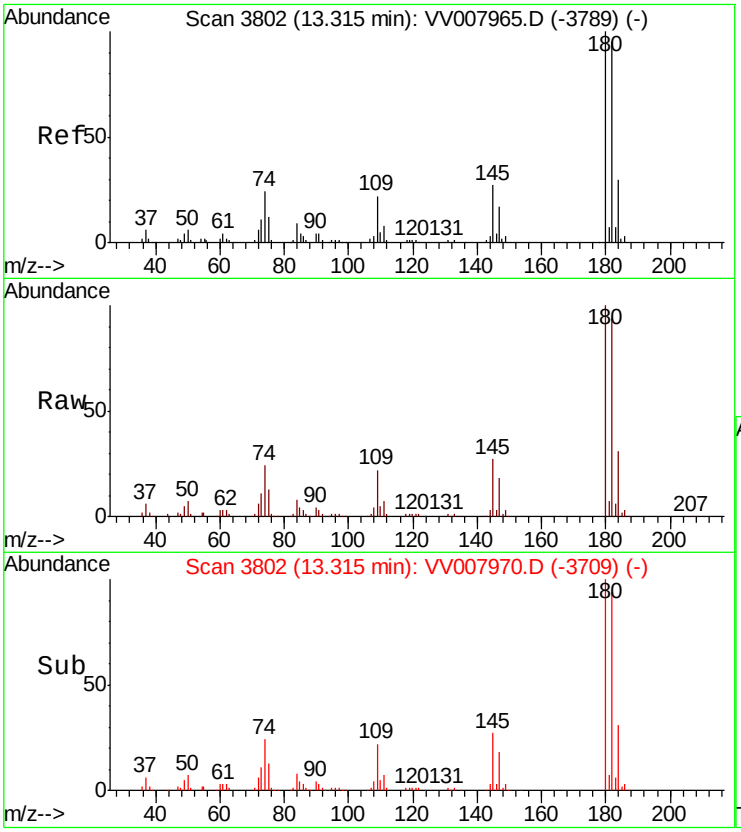


#65
1,2-Dichlorobenzene
Concen: 273.715 ug/L
RT: 11.70 min Scan# 3300
Delta R.T. 0.01 min
Lab File: VV007970.D
Acq: 28 Sep 2018 23:07

Tgt Ion:146 Resp: 4858887

Ion	Ratio	Lower	Upper
146	100		
111	38.8	31.2	46.8
148	66.1	50.3	75.5



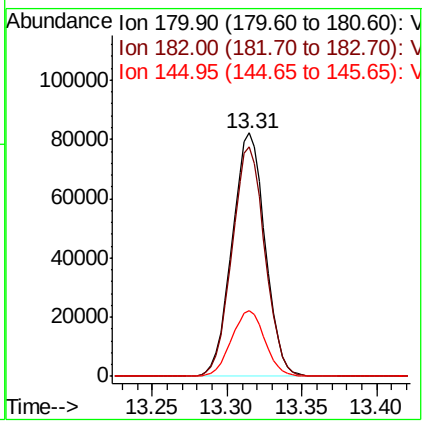


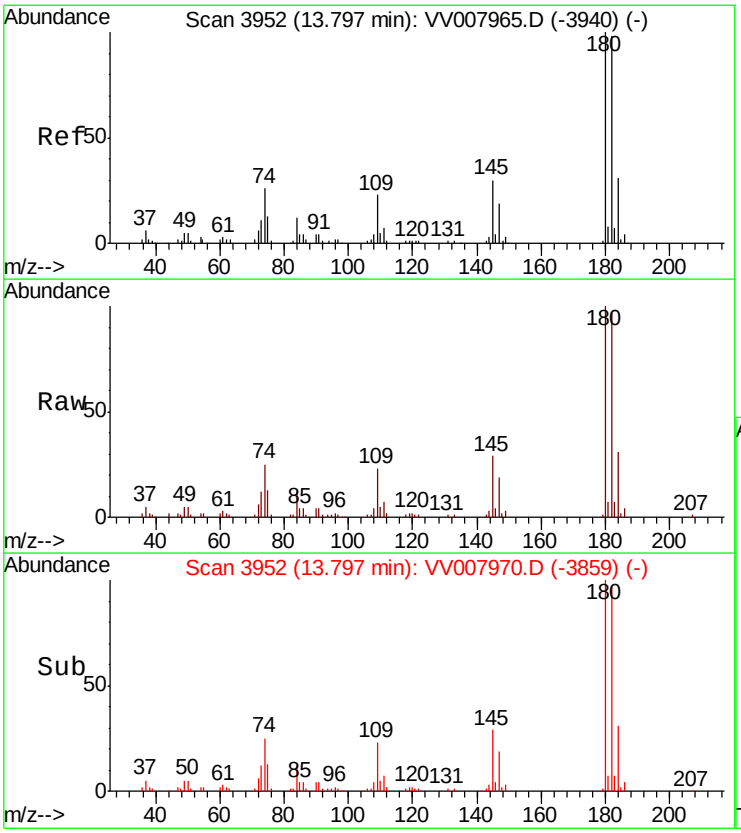
#68
1,2,4-trichlorobenzene
Concen: 9.258 ug/L
RT: 13.31 min Scan# 3802
Delta R.T. 0.00 min
Lab File: VV007970.D
Acq: 28 Sep 2018 23:07

Instrument :
MSVOA_V
ClientSampleId :
E62S5

Tgt Ion:180 Resp: 126170

Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.4	116.2
145	27.3	22.6	33.8





#70
1,2,3-Trichlorobenzene
Concen: 3.876 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV007970.D
Acq: 28 Sep 2018 23:07

Tgt Ion:180 Resp: 47833

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.7	113.5
145	29.2	23.4	35.0