Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072419\

Quantitation Report (Not Reviewed)

Data File : VV012016.D
Acq On : 24 Jul 2019 17:44
Operator : SY/MD
Sample : K3958-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2A37

Quant Time: Jul 25 04:17:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	131039	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126450	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62370	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	28847	4.24	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.80%			
7) Chloroethane-d5	1.58	69	25345	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.13	63	50038	3.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.80%			
20) 2-Butanone-d5	3.97	46	105275	52.88	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.76%			
24) Chloroform-d	4.40	84	84037	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.08	65	49196	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.80%			
32) Benzene-d6	5.10	84	171671	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.12	67	49791	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.36	98	153897	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
43) trans-1,3-Dichloropropene-	7.67	79	19802	4.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.80%			
46) 2-Hexanone-d5	8.14	63	86123	52.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.72%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37152	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	64287	5.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.00%			
Target Compounds						Qvalue
13) Acetone	2.23	43	1873	1.745	ug/L	70
17) Methyl tert-butyl Ether	2.81	73	2701	0.133	ug/L #	93
25) Chloroform	4.43	83	6465	0.326	ug/L	96
35) Methylcyclohexane	6.12	83	13877	0.863	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6511	0.728	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1597	0.120	ug/L	84
66) 1,2-Dibromo-3-chloropropan	12.69	75	135	0.124	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.69	180	944	0.055	ug/L #	93
68) 1,2,4-trichlorobenzene	13.31	180	1321	0.095	ug/L	98
69) Naphthalene	13.56	128	2776	0.133	ug/L #	95
70) 1,2,3-Trichlorobenzene	13.80	180	1095	0.087	ug/L #	82

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

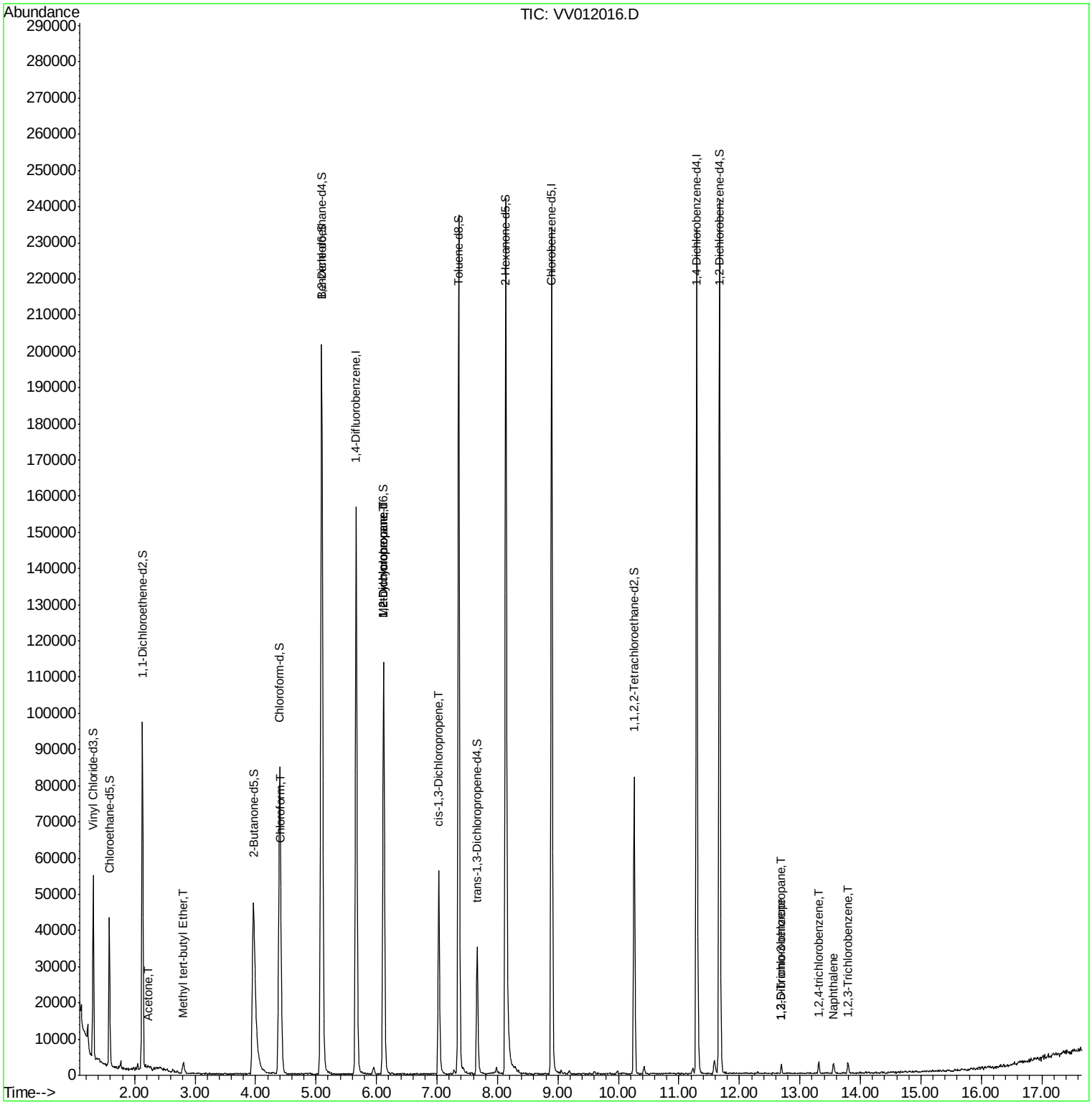
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072419\

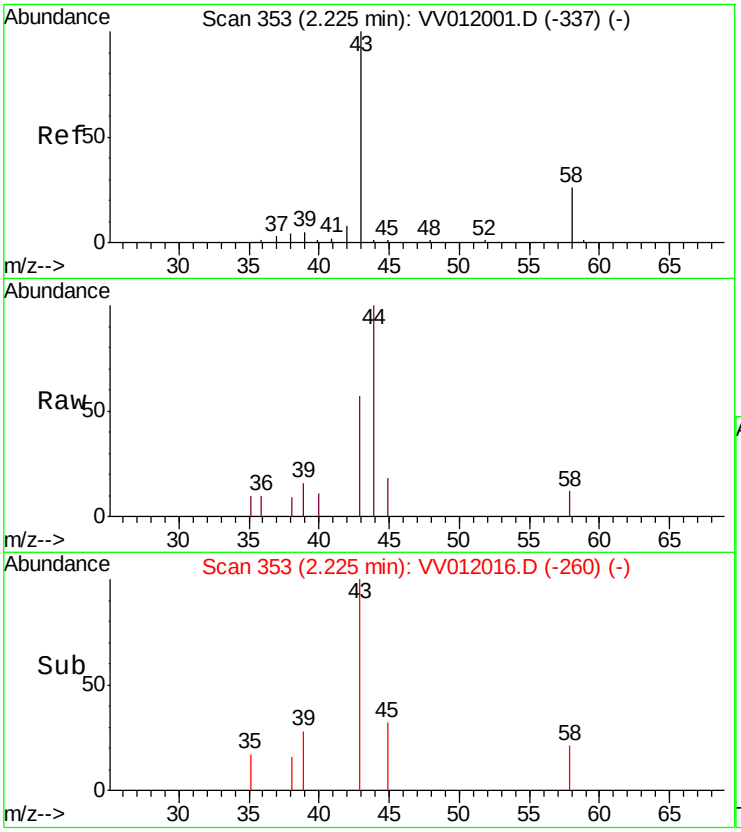
Quantitation Report (Not Reviewed)

Data File : VV012016.D
Acq On : 24 Jul 2019 17:44
Operator : SY/MD
Sample : K3958-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A37

Quant Time: Jul 25 04:17:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration



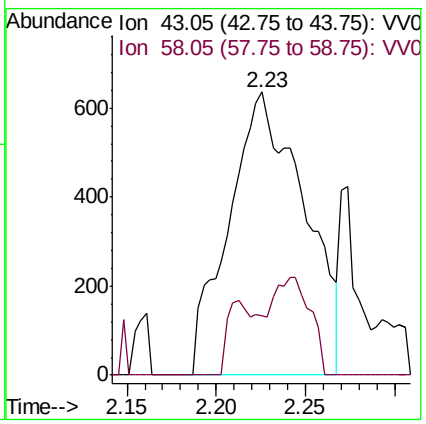


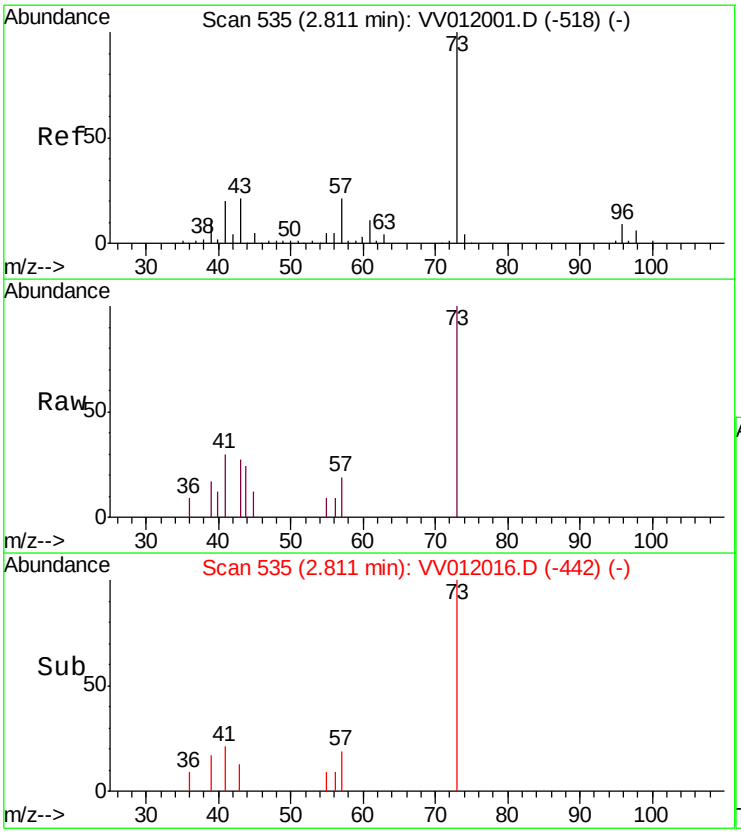
#13
Acetone
Concen: 1.745 ug/L
RT: 2.23 min Scan# 353
Delta R.T. 0.00 min
Lab File: VV012016.D
Acq: 24 Jul 2019 17:44

Instrument : MSVOA_V
ClientSampleId : F2A37

Tgt Ion: 43 Resp: 1873

Ion	Ratio	Lower	Upper
43	100		
58	10.4	0.0	51.8

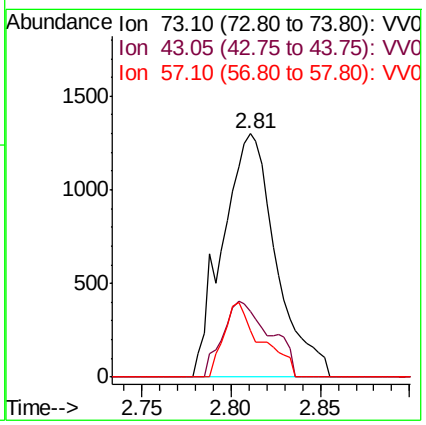


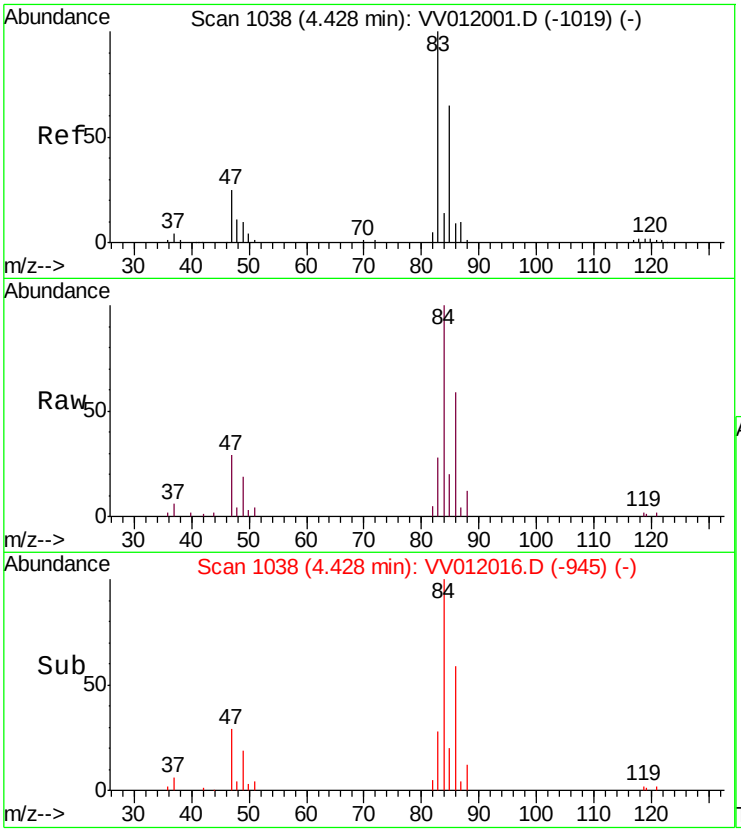


#17
Methyl tert-butyl Ether
Concen: 0.133 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV012016.D
Acq: 24 Jul 2019 17:44

Tgt Ion: 73 Resp: 2701

Ion	Ratio	Lower	Upper
73	100		
43	27.7	17.0	25.4#
57	21.5	17.0	25.6



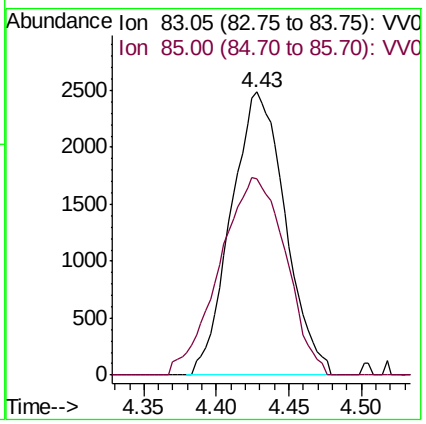


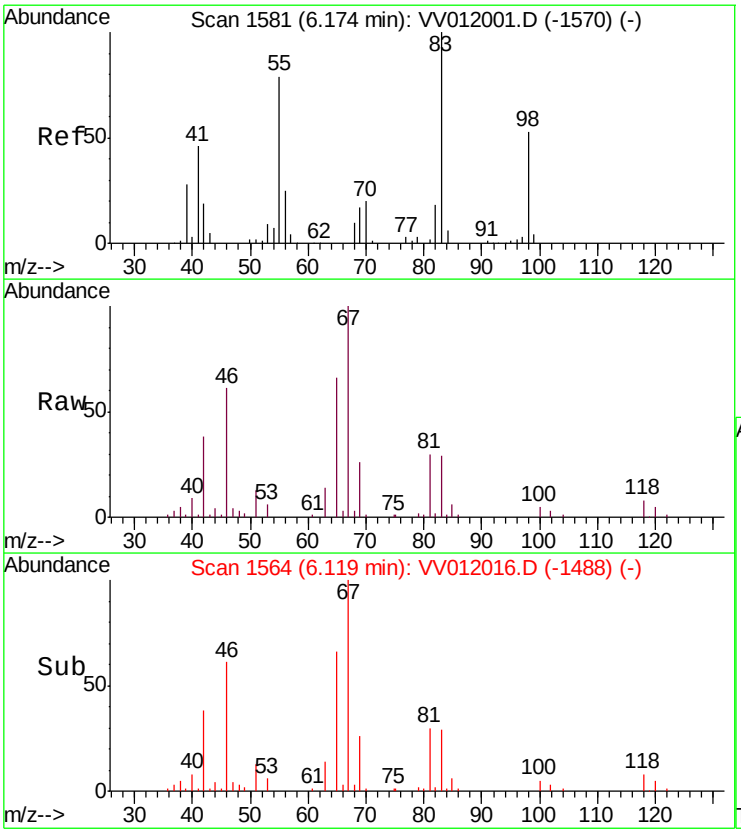
#25
Chloroform
Concen: 0.326 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012016.D
Acq: 24 Jul 2019 17:44

Instrument :
MSVOA_V
ClientSampleId :
F2A37

Tgt Ion: 83 Resp: 6465

Ion	Ratio	Lower	Upper
83	100		
85	69.3	46.5	86.3

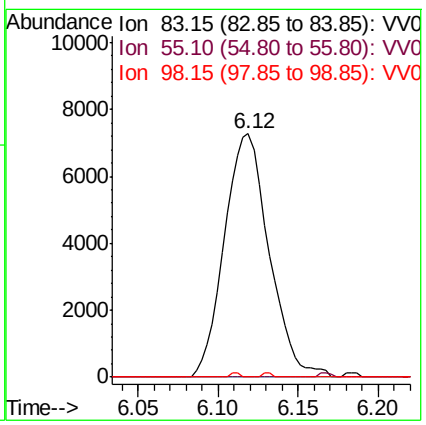


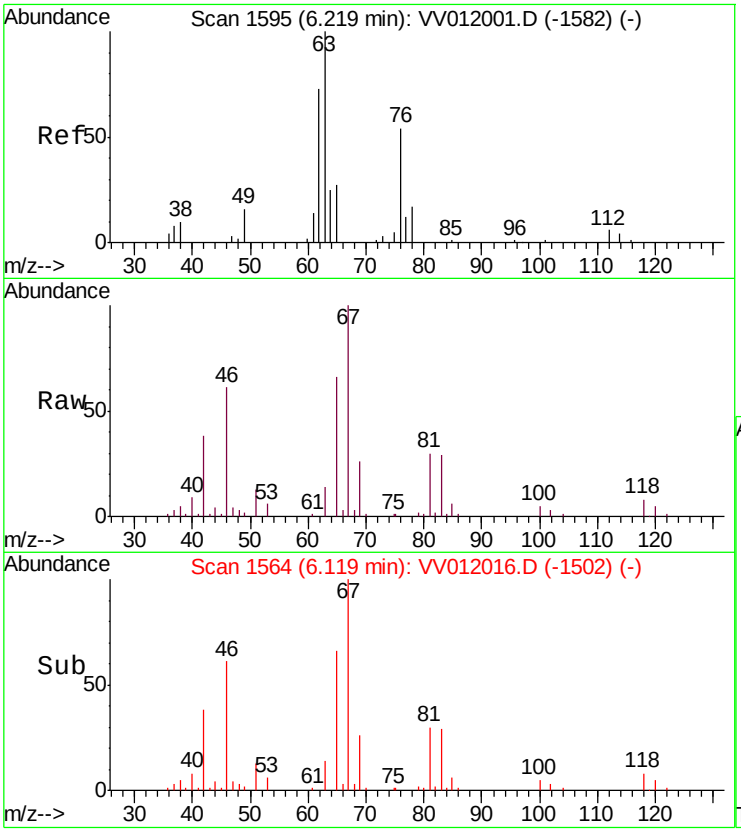


#35
Methylcyclohexane
Concen: 0.863 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012016.D
Acq: 24 Jul 2019 17:44

Tgt Ion: 83 Resp: 13877

Ion	Ratio	Lower	Upper
83	100		
55	0.5	63.0	94.4#
98	0.3	41.4	62.0#



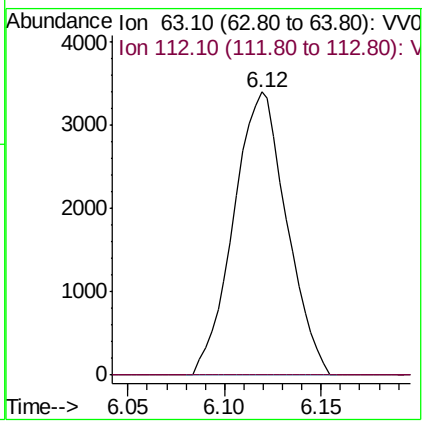


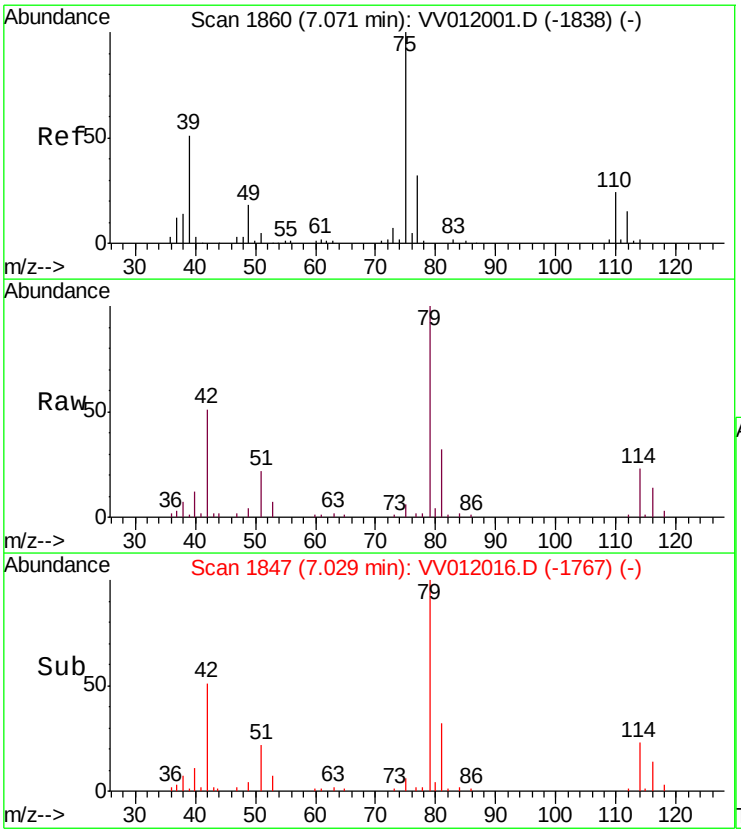
#37
1,2-Dichloropropane
Concen: 0.728 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012016.D
Acq: 24 Jul 2019 17:44

Instrument : MSVOA_V
ClientSampleId : F2A37

Tgt Ion: 63 Resp: 6511

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#

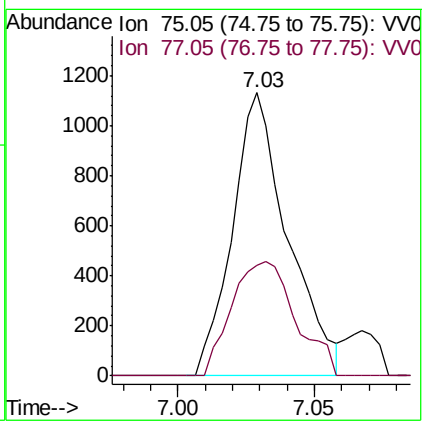


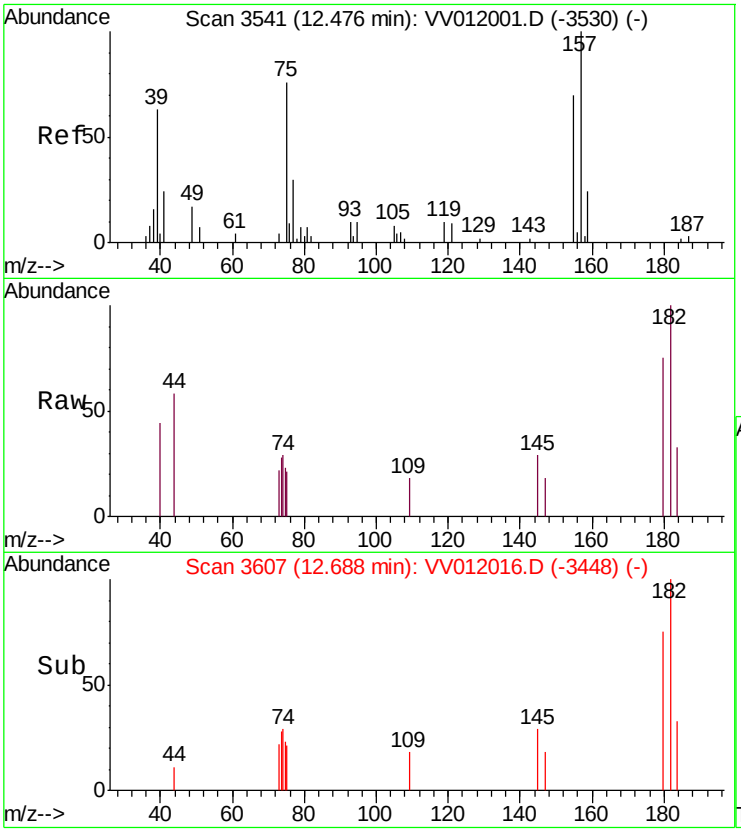


#39
cis-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012016.D
Acq: 24 Jul 2019 17:44

Tgt Ion: 75 Resp: 1597

Ion	Ratio	Lower	Upper
75	100		
77	39.2	21.3	39.6



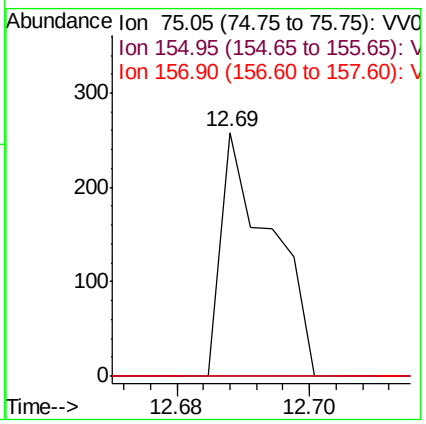


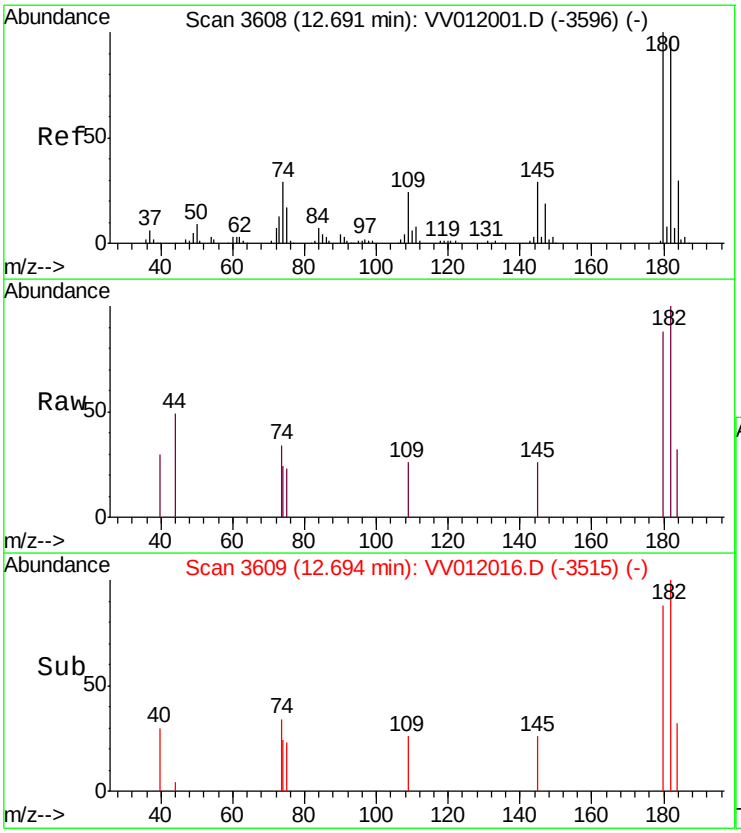
#66
1,2-Dibromo-3-chloropropane
Concen: 0.124 ug/L
RT: 12.69 min Scan# 3607
Delta R.T. 0.21 min
Lab File: VV012016.D
Acq: 24 Jul 2019 17:44

Instrument : MSVOA_V
ClientSampleId : F2A37

Tgt Ion: 75 Resp: 135

Ion	Ratio	Lower	Upper
75	100		
155	0.0	69.5	104.3#
157	0.0	96.2	144.2#

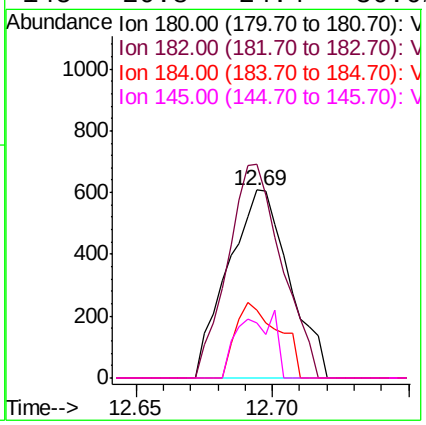


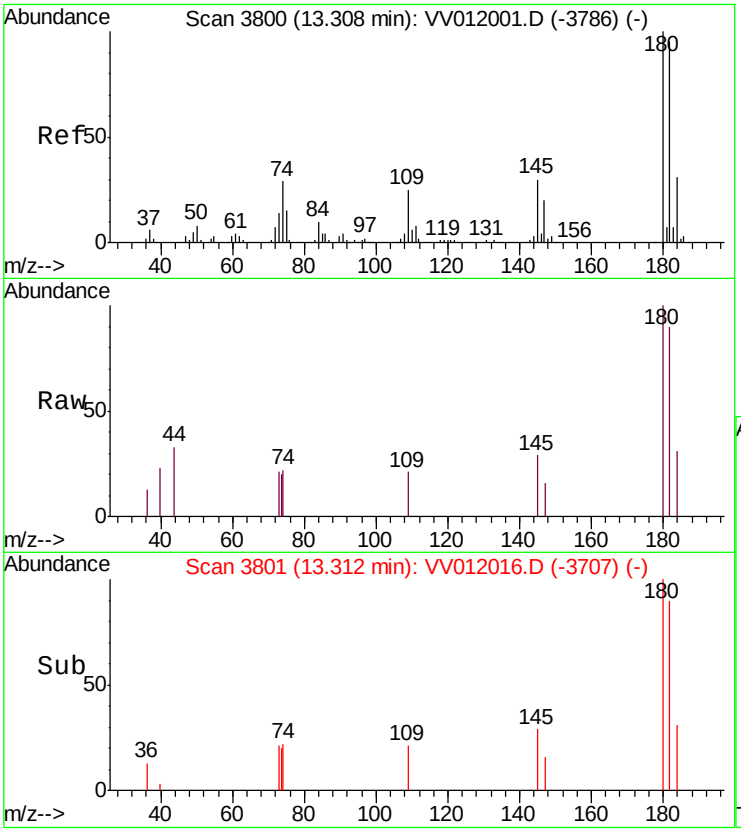


#67
1,3,5-Trichlorobenzene
Concen: 0.055 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. 0.00 min
Lab File: VV012016.D
Acq: 24 Jul 2019 17:44

Tgt Ion:180 Resp: 944

Ion	Ratio	Lower	Upper
180	100		
182	100.5	77.4	116.0
184	28.3	25.2	37.8
145	20.8	24.4	36.6#



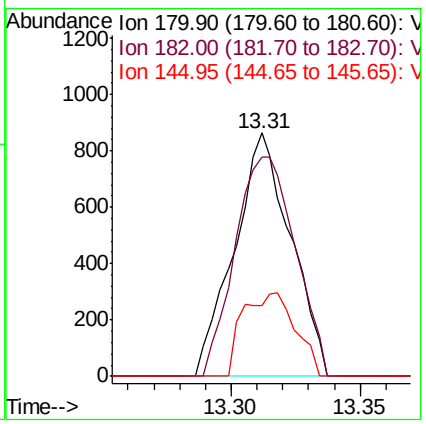


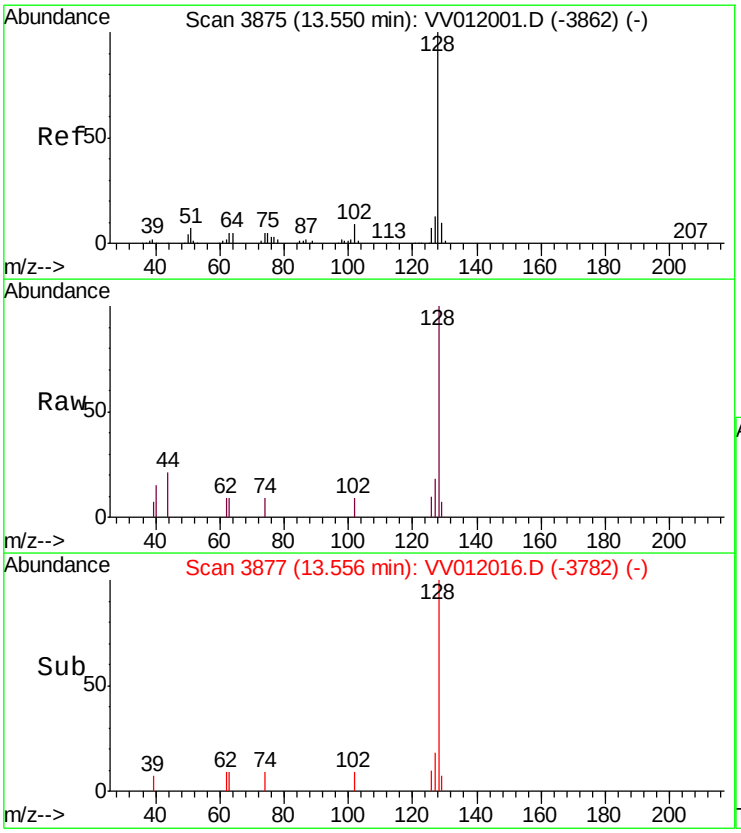
#68
1,2,4-trichlorobenzene
Concen: 0.095 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. 0.00 min
Lab File: VV012016.D
Acq: 24 Jul 2019 17:44

Instrument :
MSVOA_V
ClientSampleId :
F2A37

Tgt Ion:180 Resp: 1321

Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.8	113.8
145	31.9	23.4	35.2

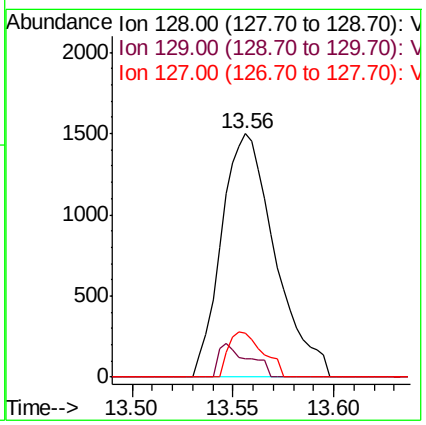


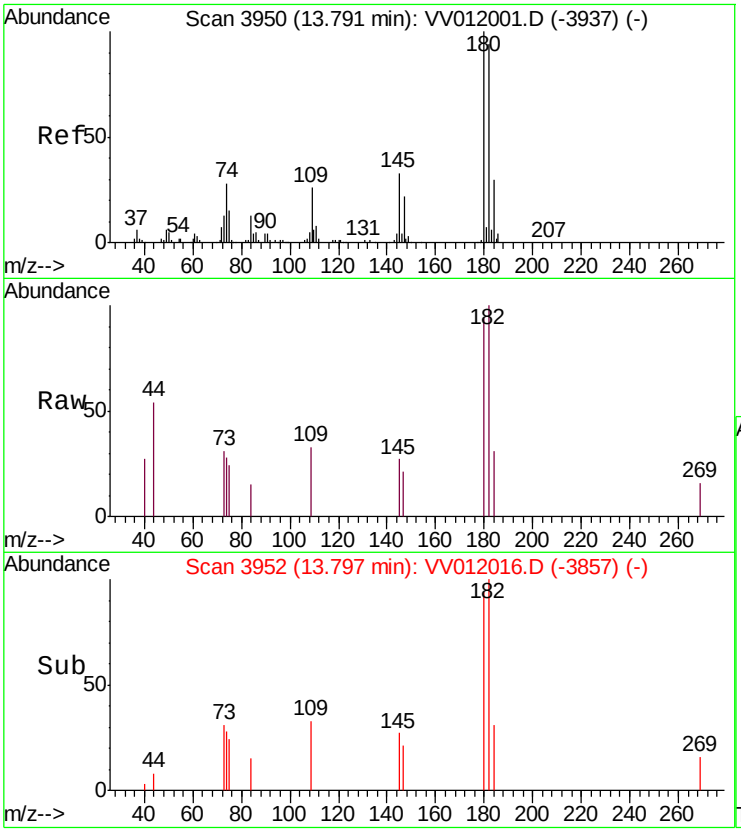


#69
Naphthalene
Concen: 0.133 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.01 min
Lab File: VV012016.D
Acq: 24 Jul 2019 17:44

Tgt Ion:128 Resp: 2776

Ion	Ratio	Lower	Upper
128	100		
129	7.7	8.2	12.2#
127	12.0	10.8	16.2





#70
1,2,3-Trichlorobenzene
Concen: 0.087 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.01 min
Lab File: VV012016.D
Acq: 24 Jul 2019 17:44

Instrument :
MSVOA_V
ClientSampleId :
F2A37

Tgt Ion:180 Resp: 1095

Ion	Ratio	Lower	Upper
180	100		
182	116.7	75.5	113.3#
145	30.1	24.7	37.1