Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070219\

Quantitation Report (Not Reviewed)

Data File : VV011806.D
Acq On : 02 Jul 2019 16:25
Operator : SY/MD
Sample : K3598-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAM80

Quant Time: Jul 03 08:31:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 08:28:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	172747	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	165748	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72932	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	73282	6.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 126.00%			
7) Chloroethane-d5	1.58	69	55050	6.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 123.20%			
11) 1,1-Dichloroethene-d2	2.13	63	98162	4.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.40%			
20) 2-Butanone-d5	3.95	46	158241	55.12	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.24%			
24) Chloroform-d	4.40	84	124924	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
26) 1,2-Dichloroethane-d4	5.08	65	68788	5.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.80%			
32) Benzene-d6	5.10	84	256060	5.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.80%			
36) 1,2-Dichloropropane-d6	6.12	67	77349	5.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.80%			
41) Toluene-d8	7.36	98	219883	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.80%			
43) trans-1,3-Dichloropropene-	7.66	79	23410	4.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.60%			
46) 2-Hexanone-d5	8.14	63	124193	56.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.60%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50933	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	74903	5.82	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.40%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1116	0.099	ug/L #	27
12) 1,1-Dichloroethene	2.13	96	1387	0.133	ug/L #	1
13) Acetone	2.21	43	23115	11.756	ug/L	97
15) Methyl Acetate	2.21	43	21527	3.939	ug/L #	50
17) Methyl tert-butyl Ether	2.81	73	4303	0.158	ug/L #	90
18) trans-1,2-Dichloroethene	2.78	96	1694	0.143	ug/L	95
21) 2-Butanone	4.04	43	16053	4.998	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	5906	0.468	ug/L	86
25) Chloroform	4.43	83	4169	0.166	ug/L	99
34) Trichloroethene	5.96	95	19869	1.548	ug/L	97
35) Methylcyclohexane	6.12	83	17982	0.856	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9158	0.725	ug/L #	89
45) 1,1,2-Trichloroethane	8.02	97	25684	3.168	ug/L #	1
47) Tetrachloroethene	8.02	164	2711491	268.382	ug/L	97
49) Dibromochloromethane	8.02	129	2526133	293.519	ug/L #	11
62) 1,3-Dichlorobenzene	11.23	146	1737	0.077	ug/L	90
65) 1,2-Dichlorobenzene	11.69	146	2130	0.100	ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070219\

Quantitation Report (Not Reviewed)

Data File : VV011806.D
Acq On : 02 Jul 2019 16:25
Operator : SY/MD
Sample : K3598-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAM80

Quant Time: Jul 03 08:31:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 08:28:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,3,5-Trichlorobenzene	12.70	180	850	0.049	ug/L	95
69) Naphthalene	13.56	128	1390	0.062	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	698	0.053	ug/L	90

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

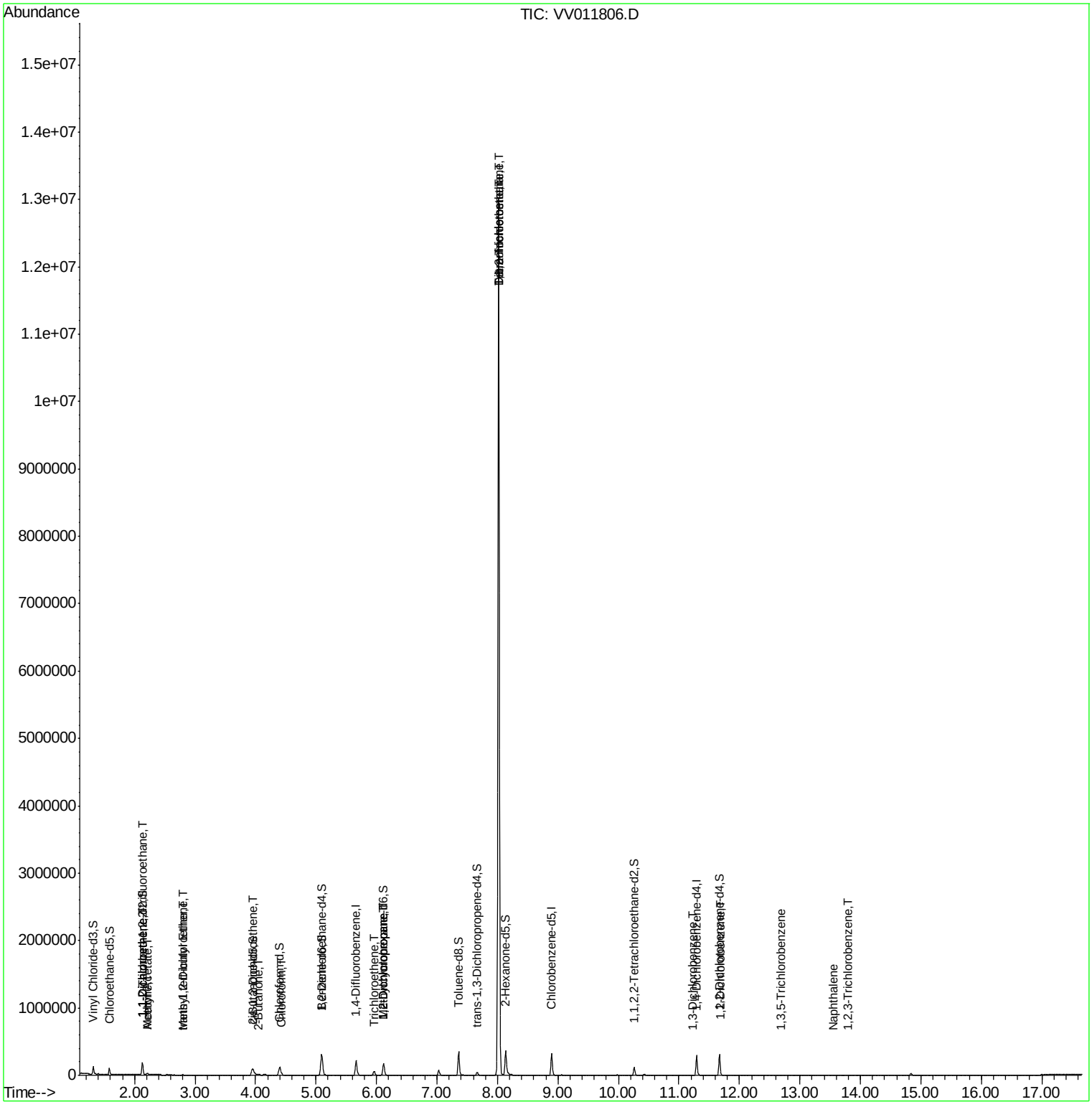
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070219\

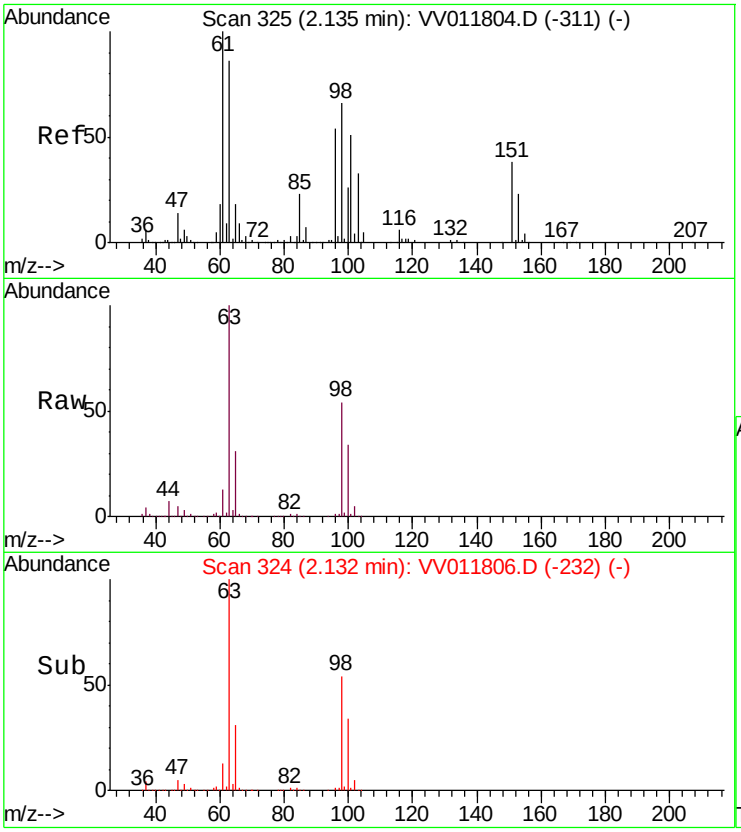
Quantitation Report (Not Reviewed)

Data File : VV011806.D
Acq On : 02 Jul 2019 16:25
Operator : SY/MD
Sample : K3598-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAM80

Quant Time: Jul 03 08:31:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 08:28:44 2019
Response via : Initial Calibration



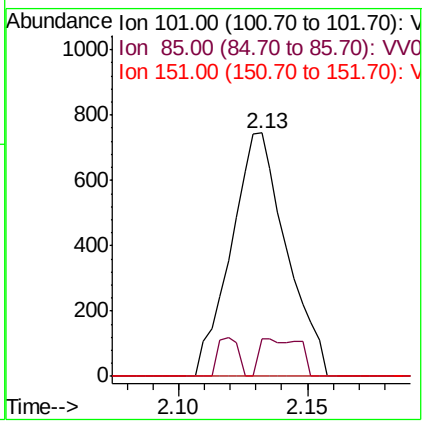


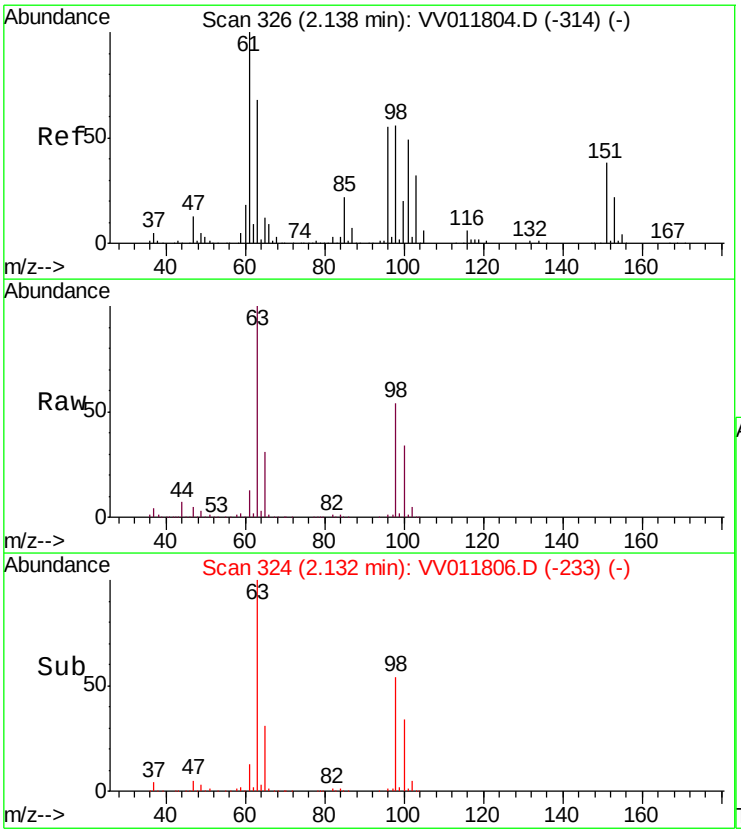
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.099 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Instrument :
MSVOA_V
ClientSampleId :
GAM80

Tgt Ion:101 Resp: 1116

Ion	Ratio	Lower	Upper
101	100		
85	11.2	34.8	52.2#
151	0.0	58.2	87.4#

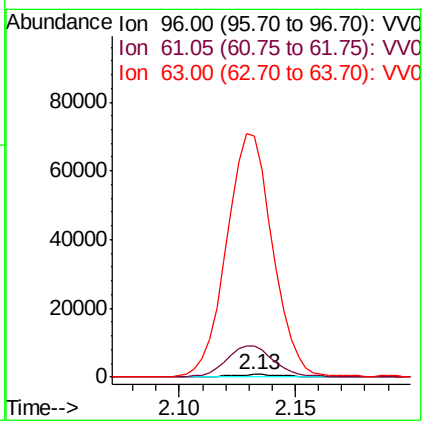


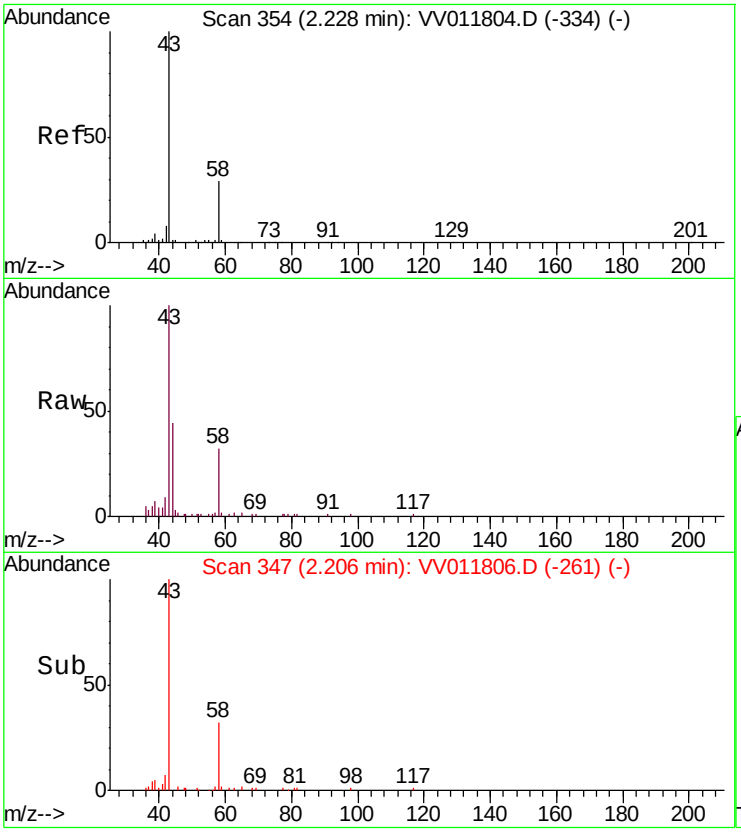


#12
1,1-Dichloroethene
Concen: 0.133 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Tgt Ion: 96 Resp: 1387

Ion	Ratio	Lower	Upper
96	100		
61	1297.3	137.1	254.5#
63	10068.5	96.5	179.1#



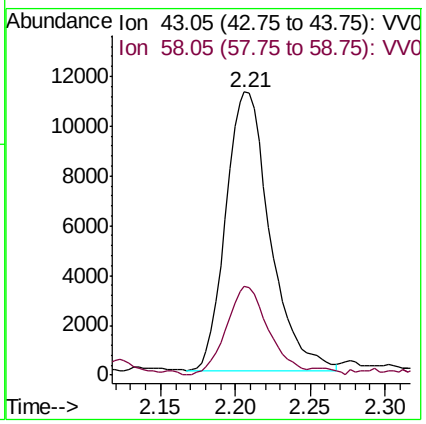


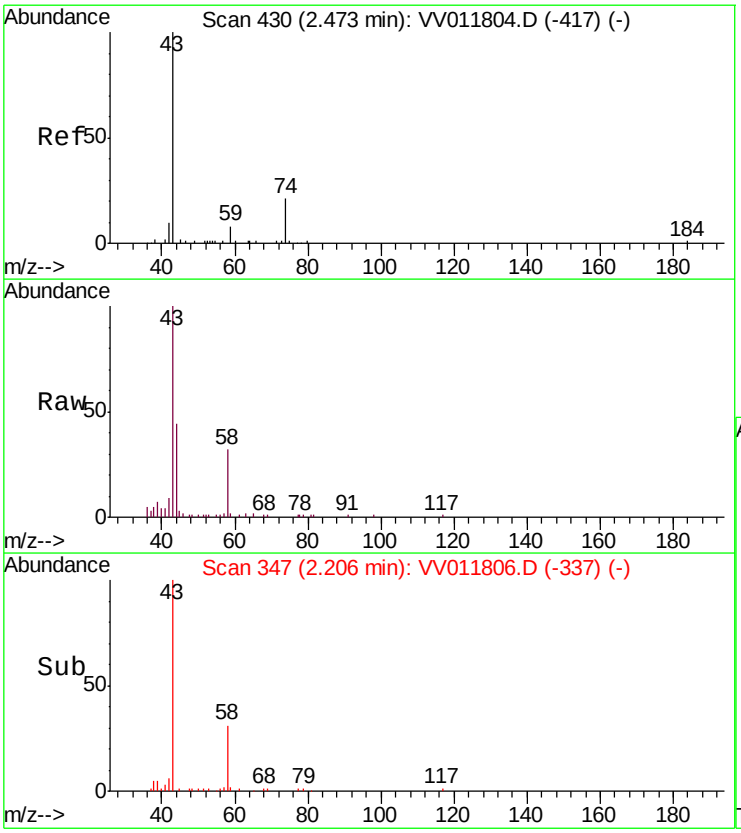
#13
Acetone
Concen: 11.756 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.02 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Instrument :
MSVOA_V
ClientSampleId :
GAM80

Tgt Ion: 43 Resp: 23115

Ion	Ratio	Lower	Upper
43	100		
58	30.4	0.0	58.0

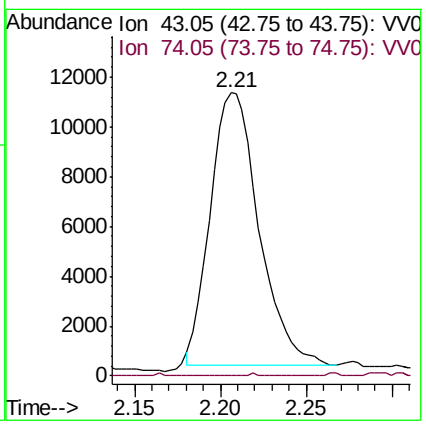


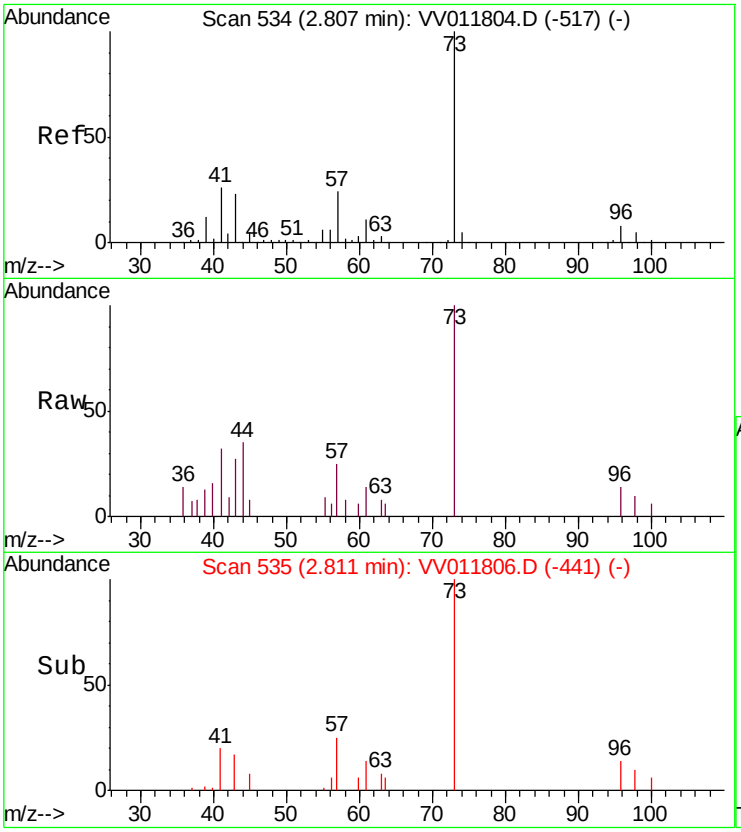


#15
Methyl Acetate
Concen: 3.939 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.27 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Tgt Ion: 43 Resp: 21527

Ion	Ratio	Lower	Upper
43	100		
74	0.1	20.2	30.4#



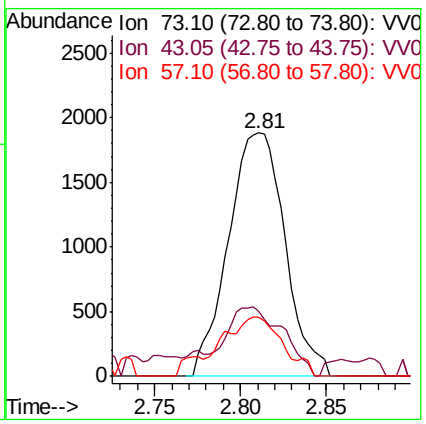


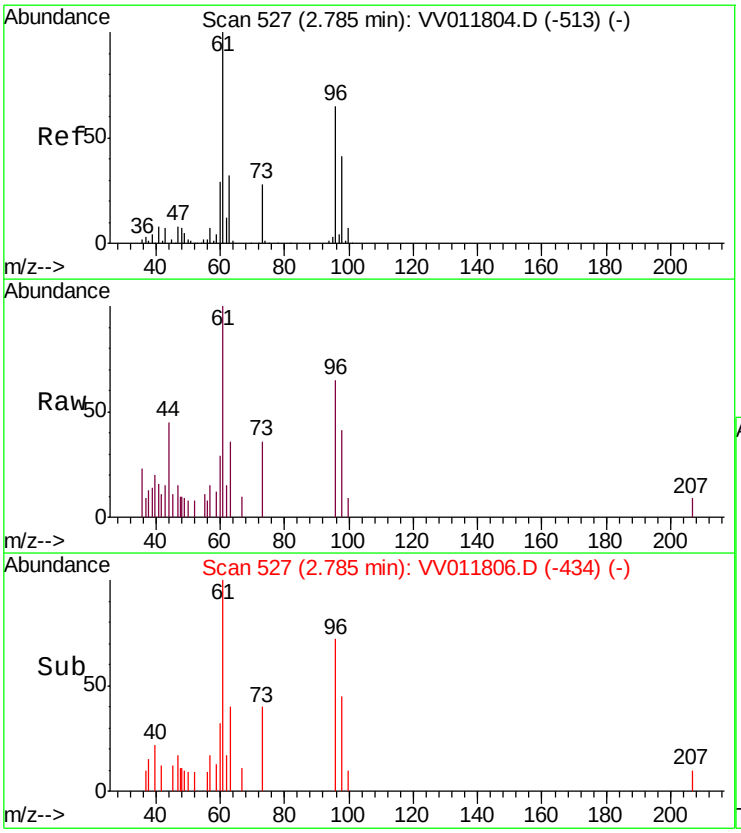
#17
Methyl tert-butyl Ether
Concen: 0.158 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Instrument :
MSVOA_V
ClientSampleId :
GAM80

Tgt Ion: 73 Resp: 4303

Ion	Ratio	Lower	Upper
73	100		
43	28.4	17.6	26.4#
57	25.0	17.8	26.6

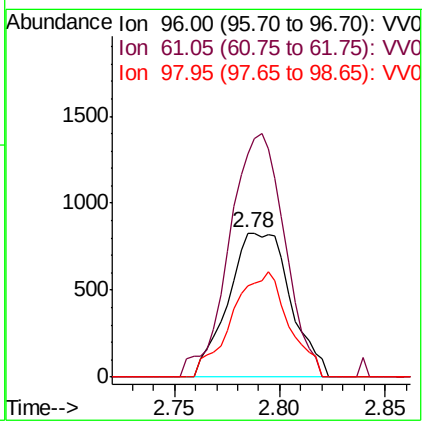


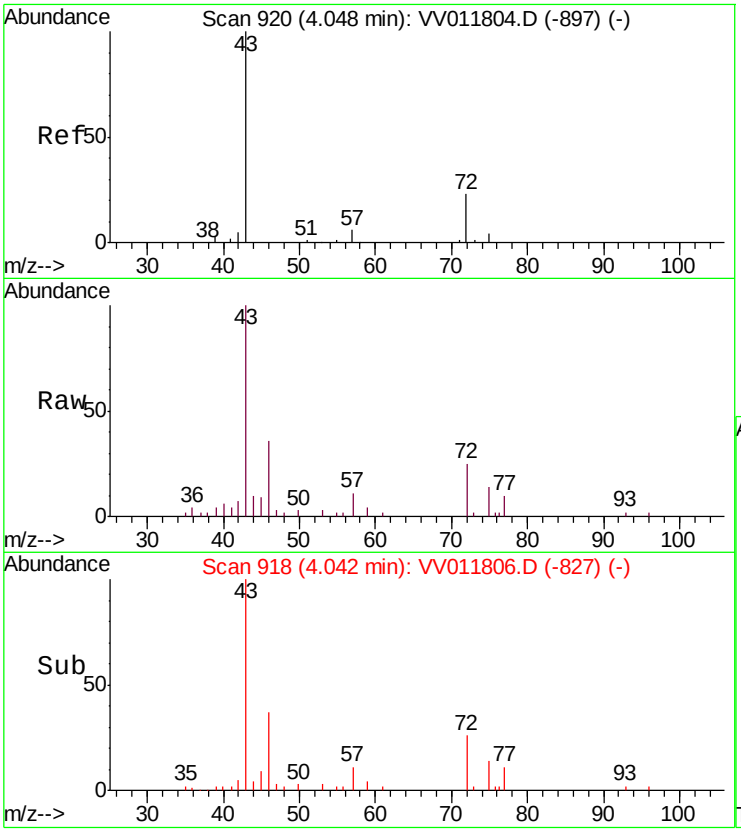


#18
trans-1,2-Dichloroethene
Concen: 0.143 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Tgt Ion: 96 Resp: 1694

Ion	Ratio	Lower	Upper
96	100		
61	154.3	102.3	189.9
98	63.4	44.2	82.2



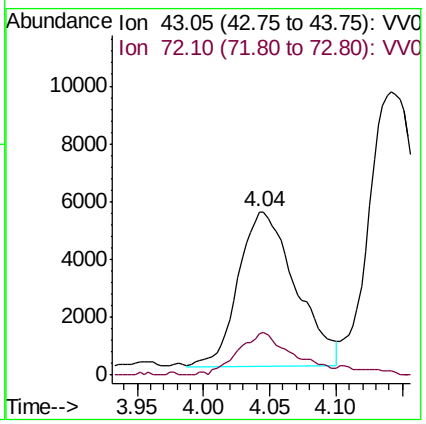


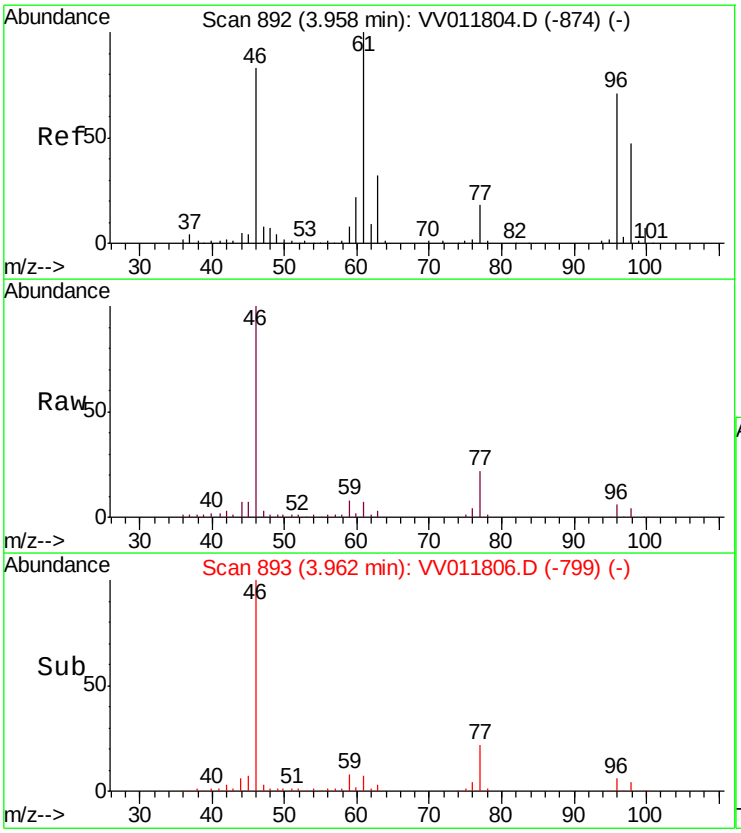
#21
2-Butanone
Concen: 4.998 ug/L
RT: 4.04 min Scan# 918
Delta R.T. -0.01 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Instrument :
MSVOA_V
ClientSampleId :
GAM80

Tgt Ion: 43 Resp: 16053

Ion	Ratio	Lower	Upper
43	100		
72	26.6	12.1	36.3

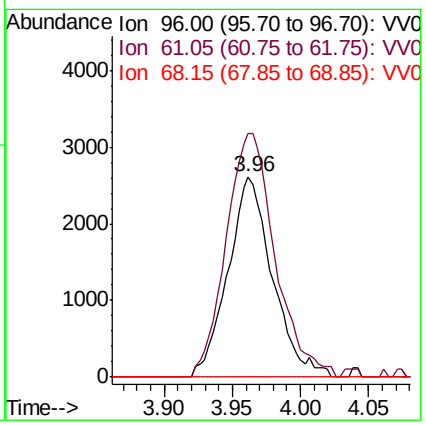


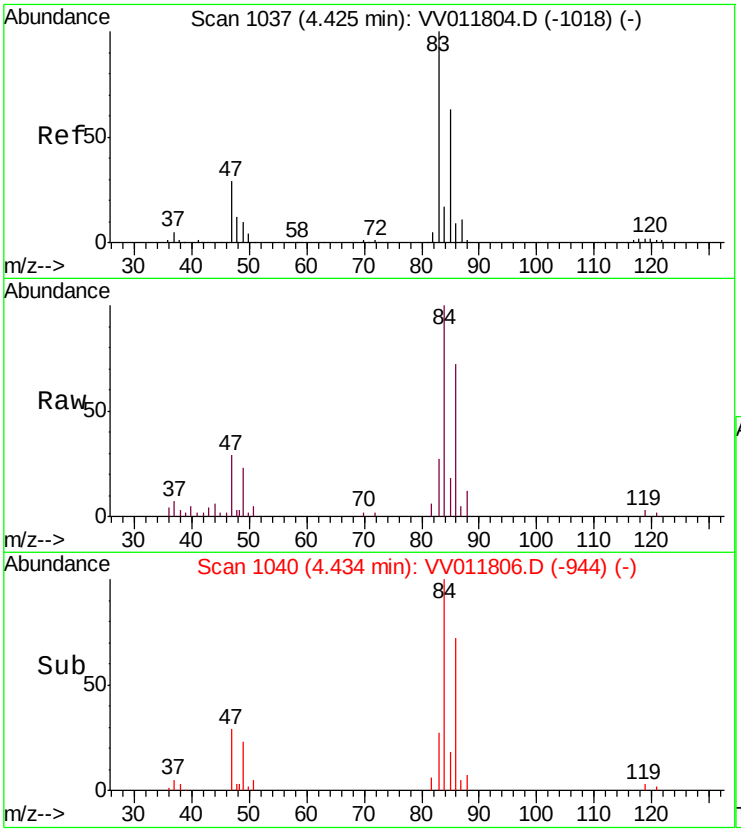


#22
cis-1,2-Dichloroethene
Concen: 0.468 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Tgt Ion: 96 Resp: 5906

Ion	Ratio	Lower	Upper
96	100		
61	121.6	97.1	180.3
68	0.0	0.0	0.0



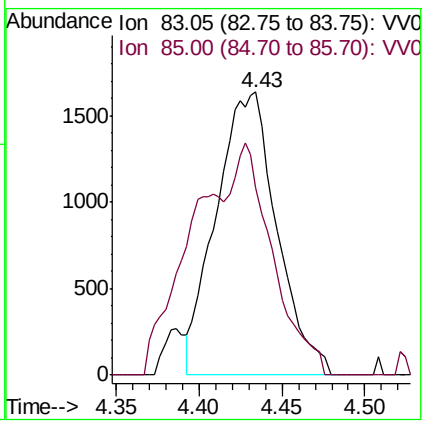


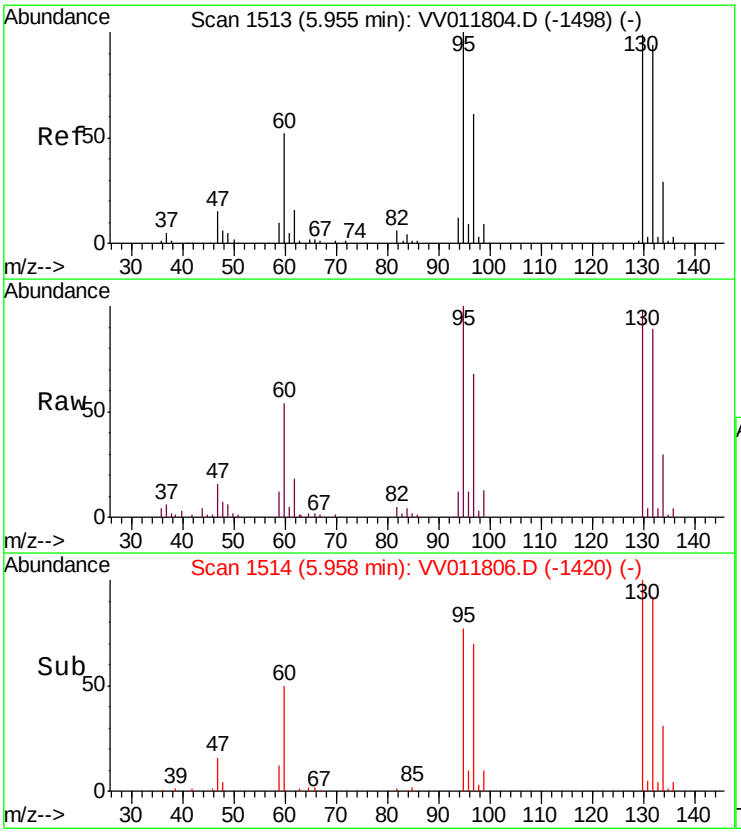
#25
Chloroform
Concen: 0.166 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Instrument :
MSVOA_V
ClientSampleId :
GAM80

Tgt Ion: 83 Resp: 4169

Ion	Ratio	Lower	Upper
83	100		
85	66.0	45.9	85.3

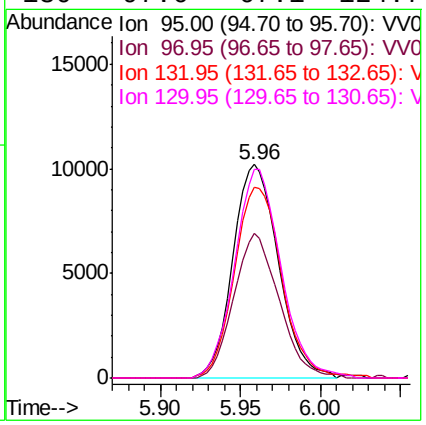


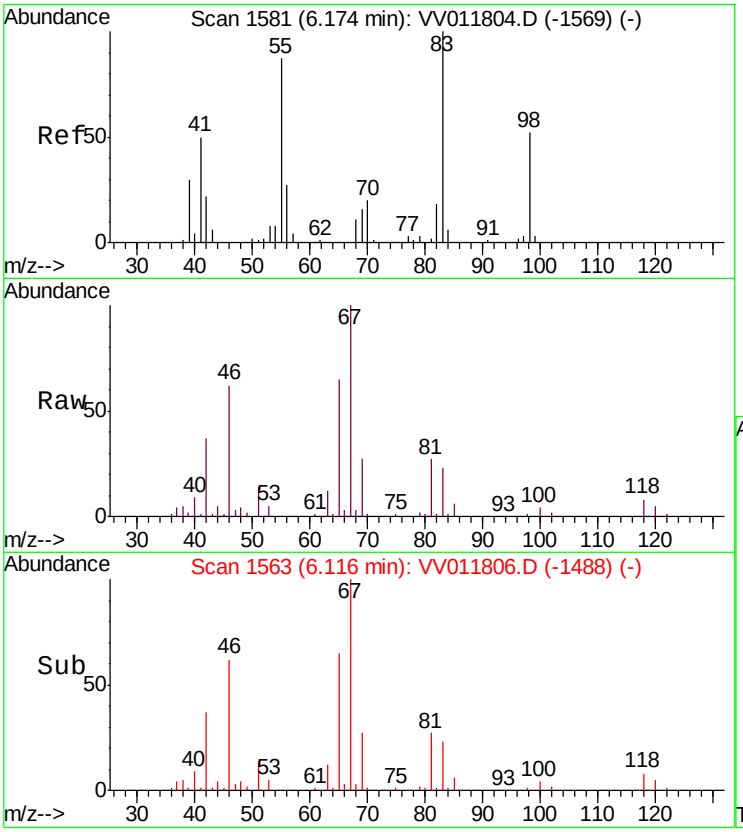


#34
Trichloroethene
Concen: 1.548 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Tgt Ion: 95 Resp: 19869

Ion	Ratio	Lower	Upper
95	100		
97	67.8	43.7	81.1
132	89.3	63.7	118.3
130	97.6	67.1	124.7



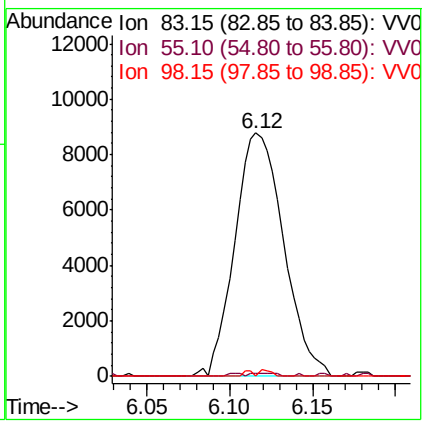


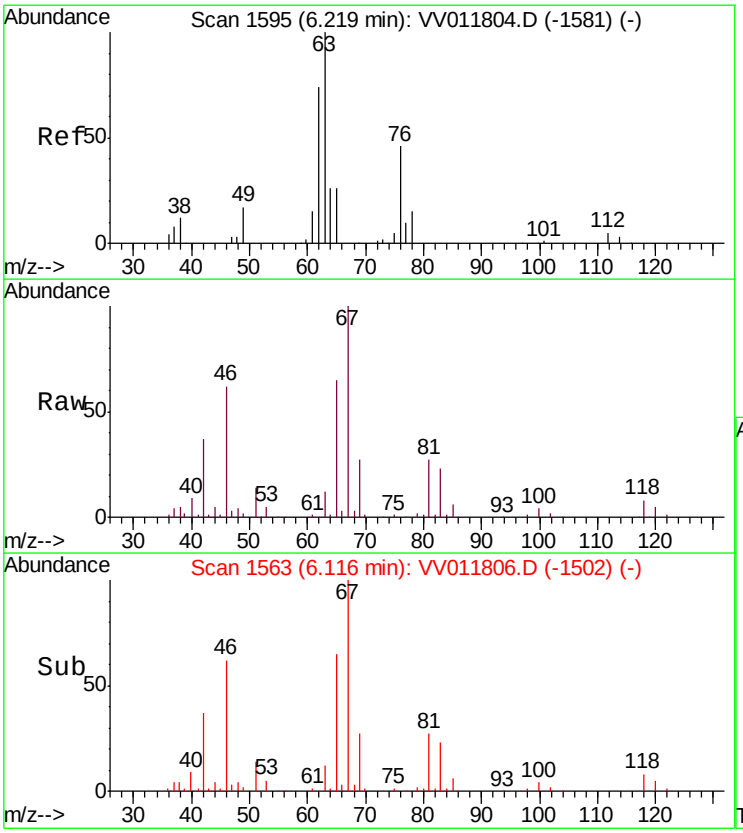
#35
Methylcyclohexane
Concen: 0.856 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Instrument :
MSVOA_V
ClientSampleId :
GAM80

Tgt Ion: 83 Resp: 17982

Ion	Ratio	Lower	Upper
83	100		
55	0.7	67.8	101.6#
98	0.7	39.8	59.8#

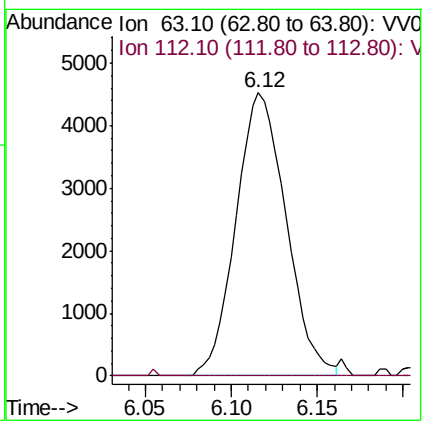


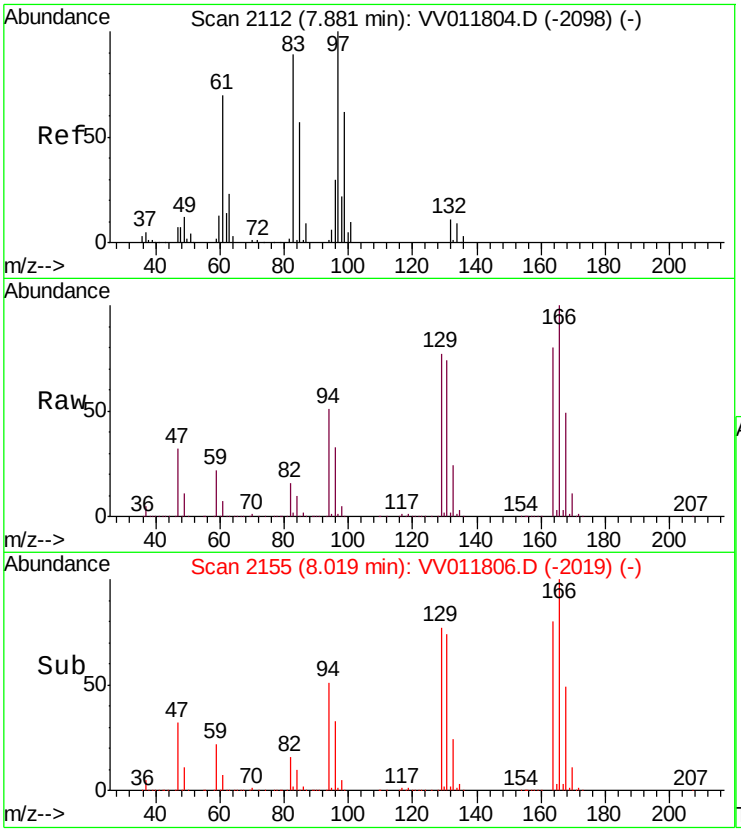


#37
1,2-Dichloropropane
Concen: 0.725 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Tgt Ion: 63 Resp: 9158

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.2	4.8#



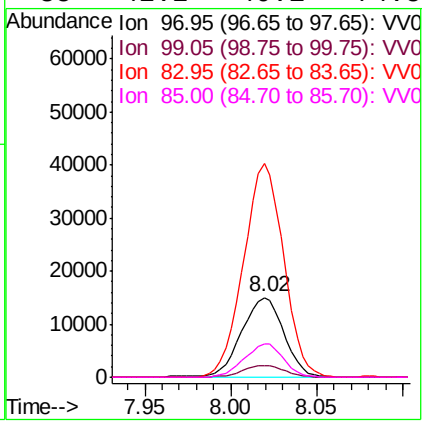


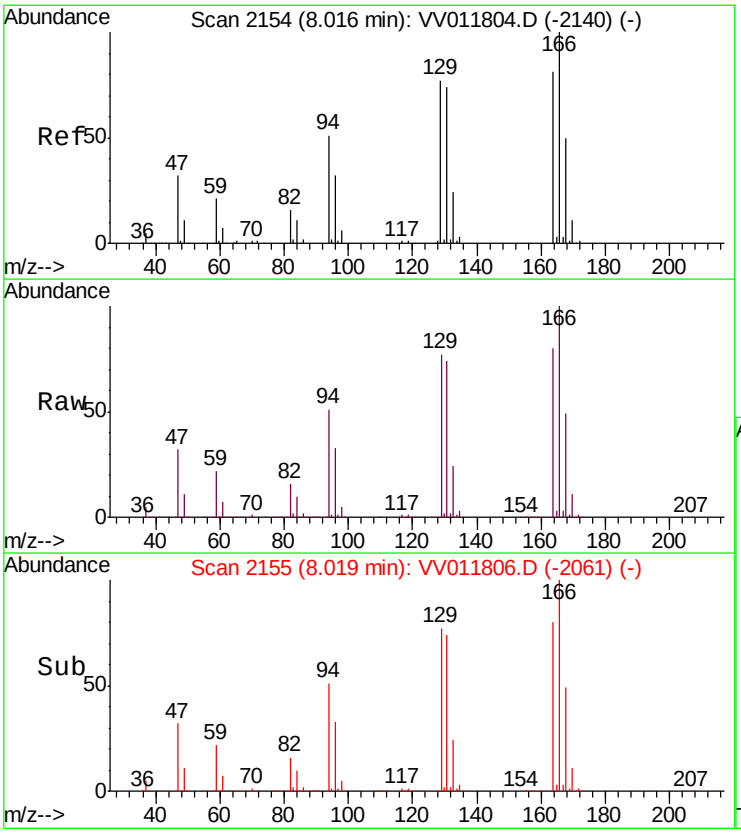
#45
1,1,2-Trichloroethane
Concen: 3.168 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.14 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Instrument :
MSVOA_V
ClientSampleId :
GAM80

Tgt Ion: 97 Resp: 25684

Ion	Ratio	Lower	Upper
97	100		
99	14.8	44.9	83.5#
83	267.2	59.6	110.8#
85	42.2	40.1	74.5

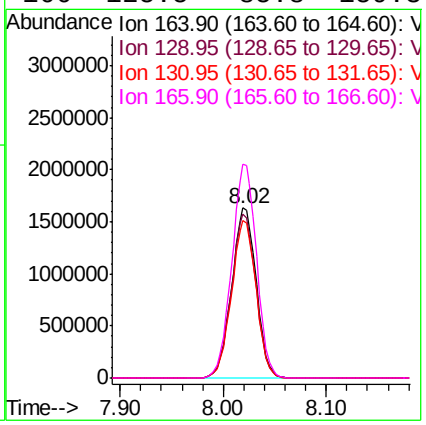


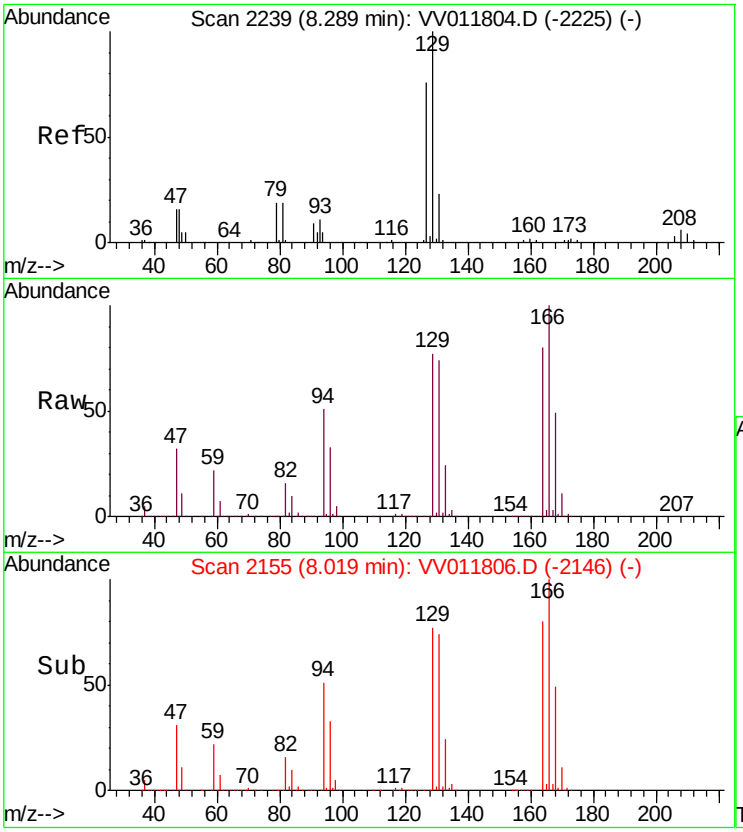


#47
Tetrachloroethene
Concen: 268.382 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Tgt Ion:164 Resp: 2711491

Ion	Ratio	Lower	Upper
164	100		
129	96.6	65.7	121.9
131	92.6	63.2	117.4
166	125.5	85.8	159.3



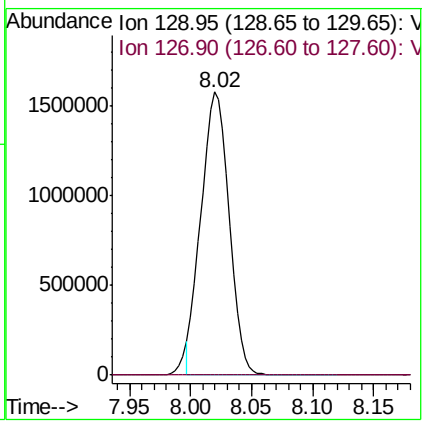


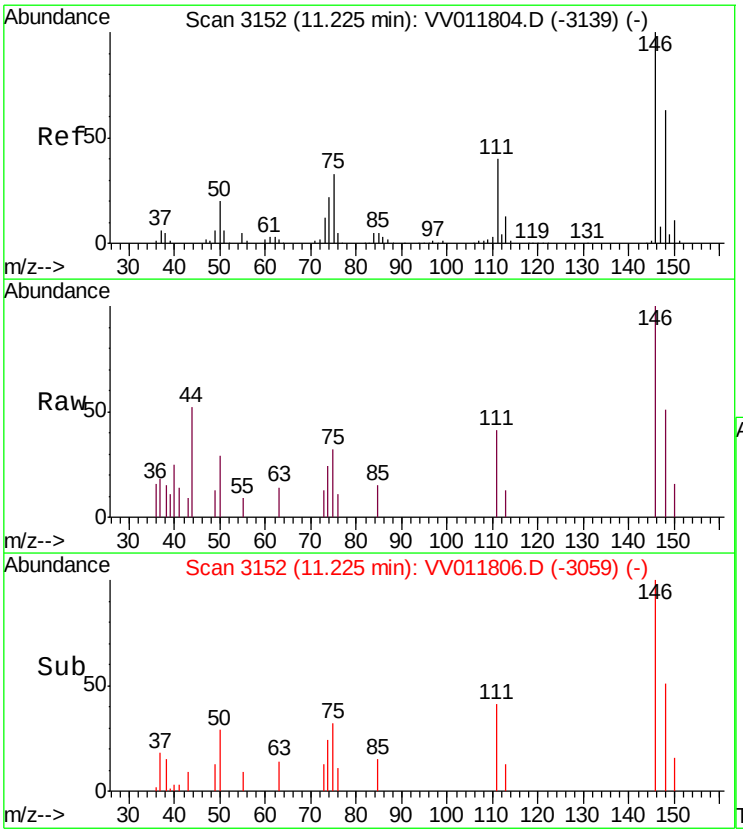
#49
Dibromochloromethane
Concen: 293.519 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Instrument :
MSVOA_V
ClientSampleId :
GAM80

Tgt Ion:129 Resp: 2526133

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	100.1#

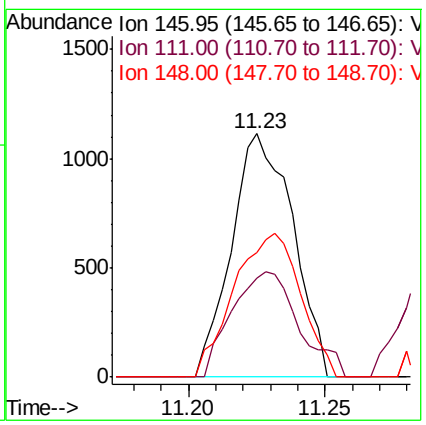


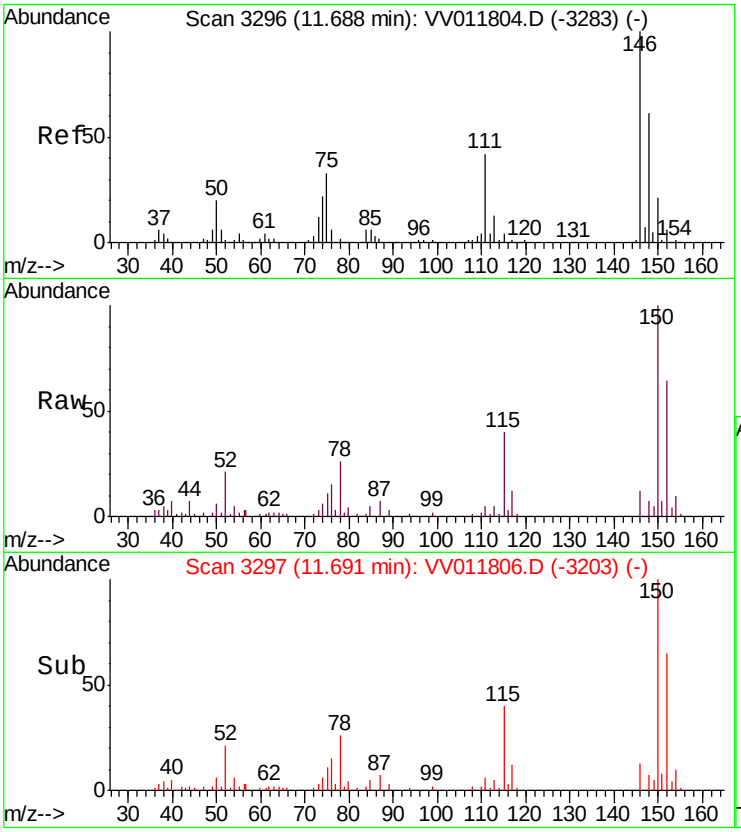


#62
1,3-Dichlorobenzene
Concen: 0.077 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Tgt Ion:146 Resp: 1737

Ion	Ratio	Lower	Upper
146	100		
111	40.8	28.1	52.1
148	51.3	44.7	83.1



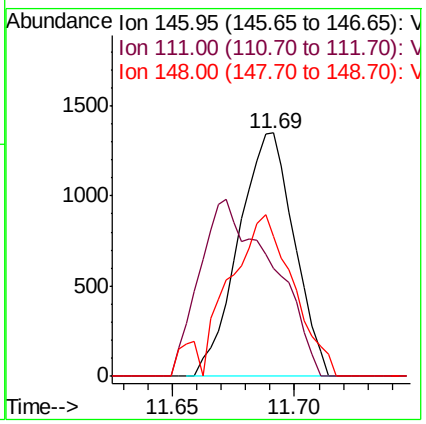


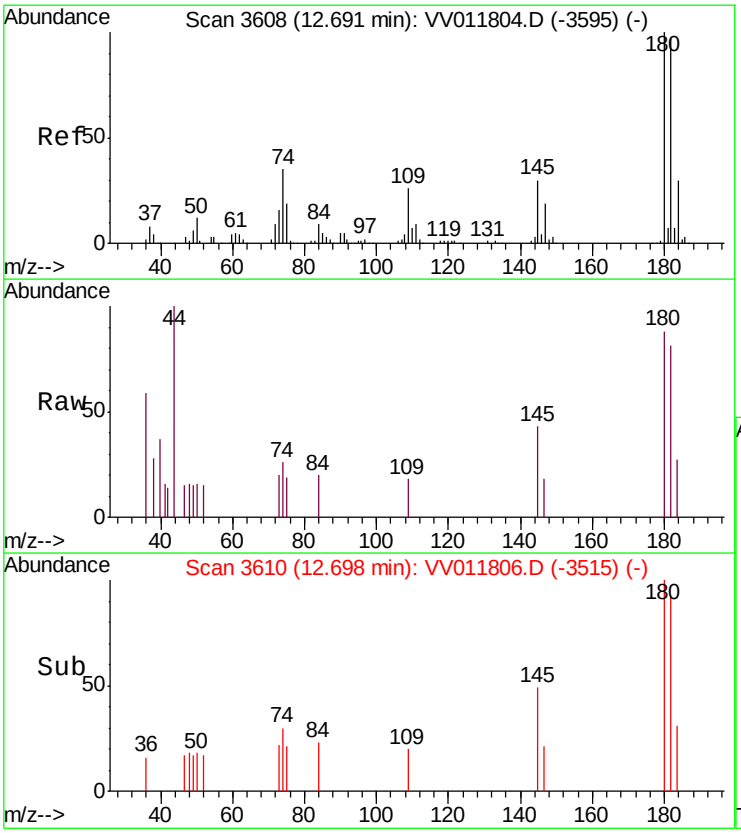
#65
1,2-Dichlorobenzene
Concen: 0.100 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Instrument :
MSVOA_V
ClientSampleId :
GAM80

Tgt Ion:146 Resp: 2130

Ion	Ratio	Lower	Upper
146	100		
111	44.1	34.6	52.0
148	57.3	53.3	79.9

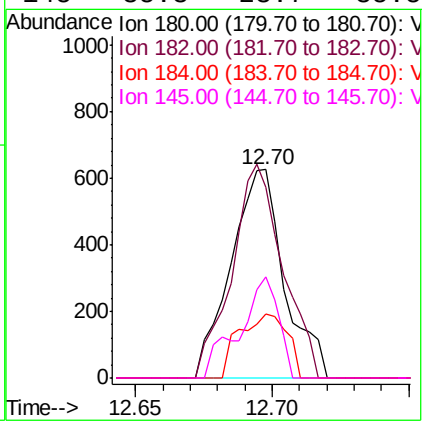


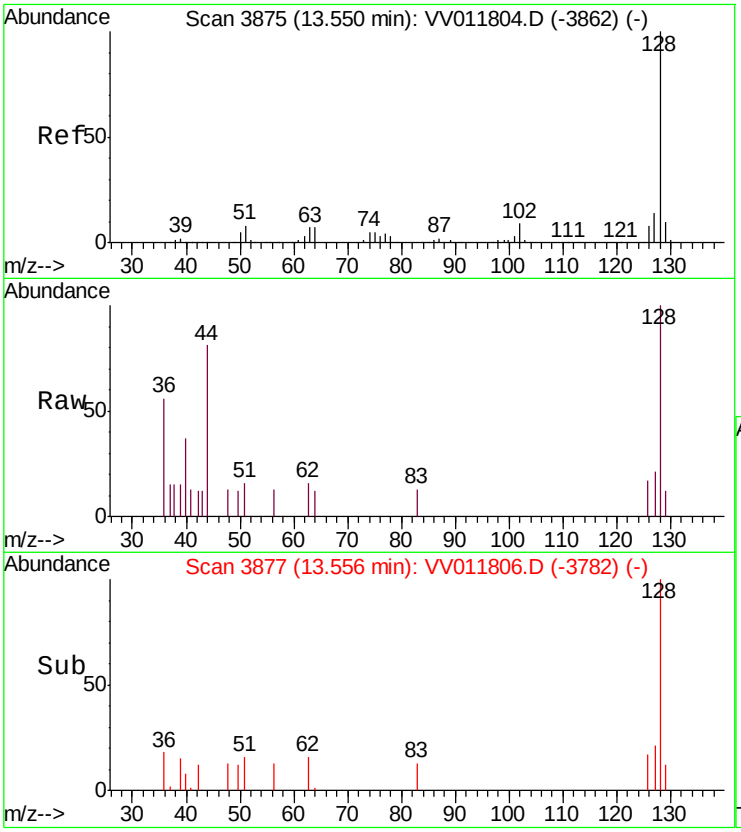


#67
1,3,5-Trichlorobenzene
Concen: 0.049 ug/L
RT: 12.70 min Scan# 3610
Delta R.T. 0.01 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Tgt Ion:180 Resp: 850

Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.3	112.9
184	27.8	24.2	36.4
145	35.3	23.7	35.5



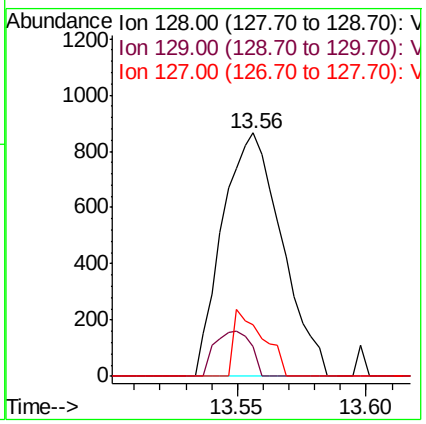


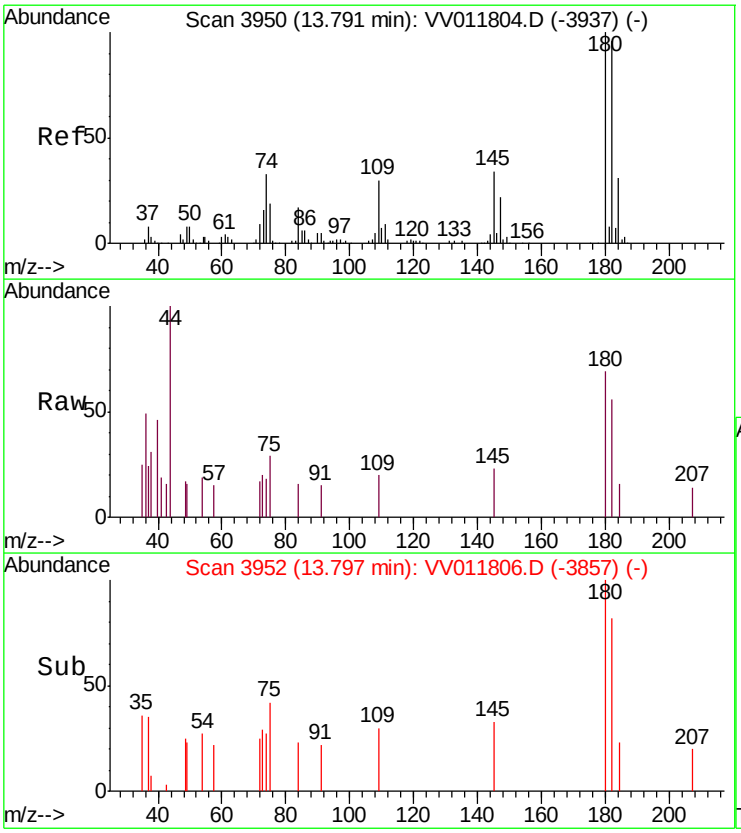
#69
Naphthalene
Concen: 0.062 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.01 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Instrument :
MSVOA_V
ClientSampleId :
GAM80

Tgt Ion:128 Resp: 1390

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.6	10.6	16.0





#70
1,2,3-Trichlorobenzene
Concen: 0.053 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.01 min
Lab File: VV011806.D
Acq: 02 Jul 2019 16:25

Tgt Ion:180 Resp: 698

Ion	Ratio	Lower	Upper
180	100		
182	81.8	74.7	112.1
145	31.2	26.2	39.4