Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035359.D
Acq On : 22 Oct 2019 12:51
Operator : JC/SP
Sample : K5461-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 23 06:52:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 06:48:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	270102	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	264734	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	94864	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	114931	6.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 139.60%#			
7) Chloroethane-d5	1.93	69	101228	6.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 134.40%#			
11) 1,1-Dichloroethene-d2	2.59	63	154282	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.40%			
20) 2-Butanone-d5	4.71	46	266846	56.38	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.76%			
24) Chloroform-d	5.11	84	178083	5.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 118.40%			
26) 1,2-Dichloroethane-d4	5.75	65	99746	5.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 119.60%			
32) Benzene-d6	5.77	84	385749	6.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 127.40%#			
36) 1,2-Dichloropropane-d6	6.74	67	123133	6.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 128.00%			
41) Toluene-d8	7.93	98	329678	5.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.80%			
43) trans-1,3-Dichloropropene-	8.22	79	42533	4.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.20%			
46) 2-Hexanone-d5	8.69	63	209946	51.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.06%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96559	5.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	101560	5.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 117.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	64457	2.752	ug/L	88
12) 1,1-Dichloroethene	2.61	96	3771	0.217	ug/L #	1
13) Acetone	2.67	43	6527	1.983	ug/L	84
16) Methylene chloride	3.09	84	2247	0.108	ug/L	89
17) Methyl tert-butyl Ether	3.43	73	158586	3.396	ug/L	96
18) trans-1,2-Dichloroethene	3.39	96	9392	0.502	ug/L	93
19) 1,1-Dichloroethane	3.92	63	7692	0.227	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	576916	27.872	ug/L	99
25) Chloroform	5.14	83	13606	0.366	ug/L	100
33) Benzene	5.82	78	12938	0.166	ug/L	100
34) Trichloroethene	6.58	95	1777140	84.863	ug/L	97
35) Methylcyclohexane	6.74	83	28624	0.818	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	13626	0.689	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2933	0.089	ug/L #	44
42) Toluene	8.01	91	7655	0.089	ug/L	97
47) Tetrachloroethene	8.58	164	44604	2.557	ug/L	97
48) 2-Hexanone	8.69	43	19161	2.047	ug/L #	69

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035359.D
Acq On : 22 Oct 2019 12:51
Operator : JC/SP
Sample : K5461-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 23 06:52:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 06:48:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
49) Dibromochloromethane	8.58	129	41434	2.226 ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	11059	0.803 ug/L #	83

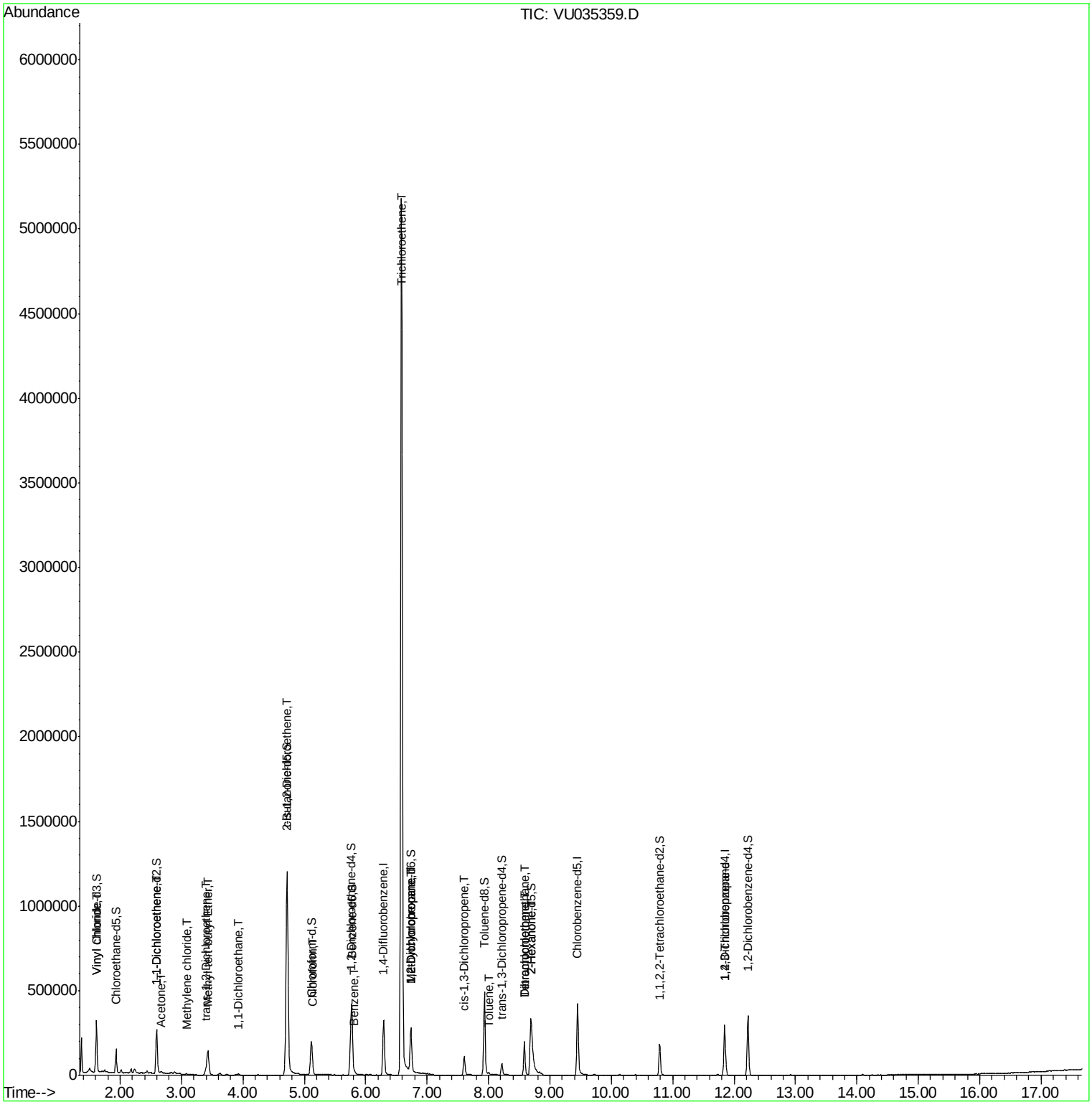
(#) = qualifier out of range (m) = manual integration (+) = signals summed

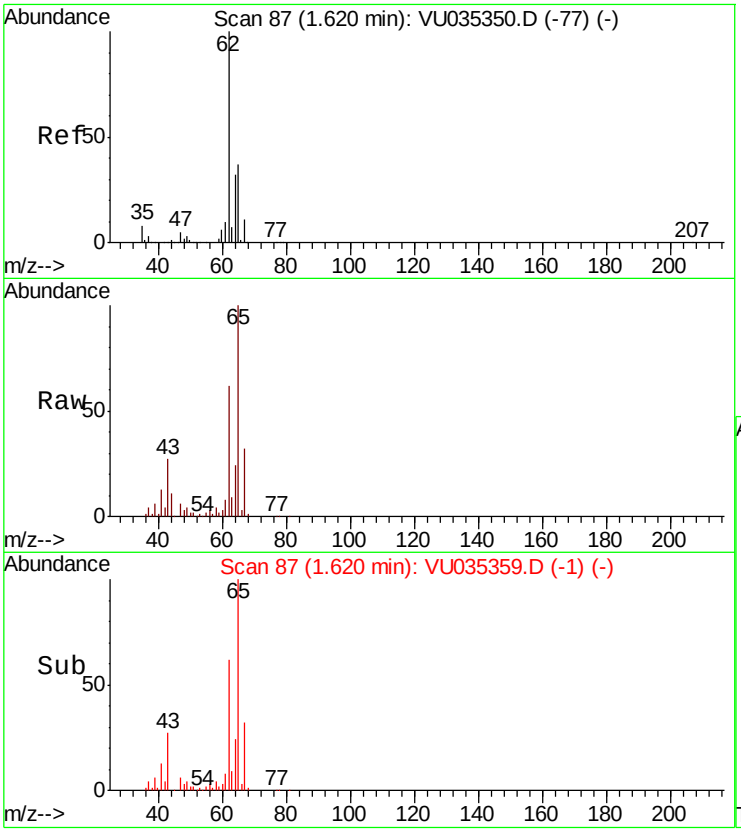
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102219\
Data File : VU035359.D
Acq On : 22 Oct 2019 12:51
Operator : JC/SP
Sample : K5461-17
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 23 06:52:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 06:48:58 2019
Response via : Initial Calibration



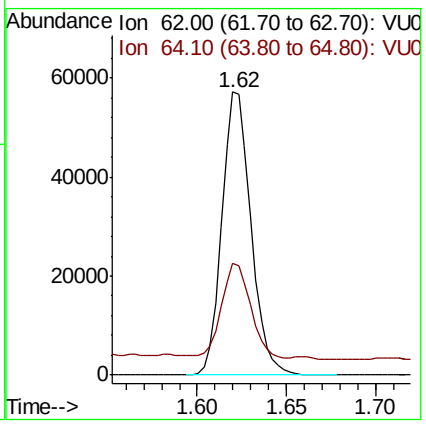


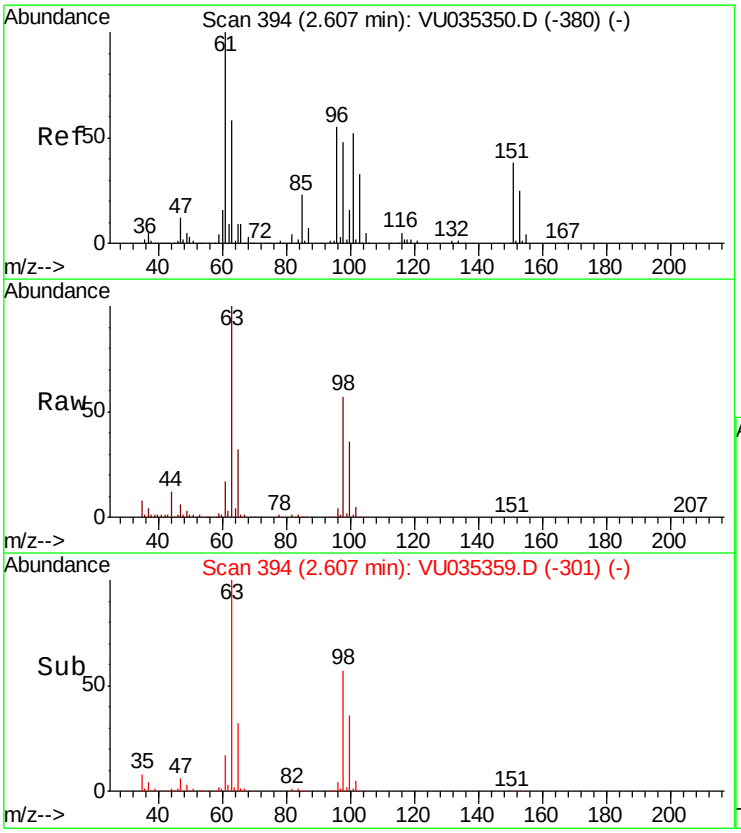
#5
Vinyl chloride
Concen: 2.752 ug/L
RT: 1.62 min Scan# 87
Delta R.T. -0.00 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 64457

Ion	Ratio	Lower	Upper
62	100		
64	39.3	22.9	42.5

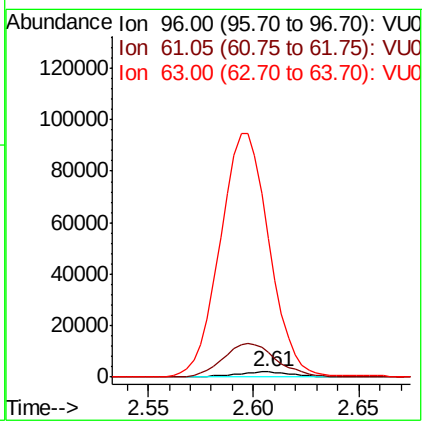


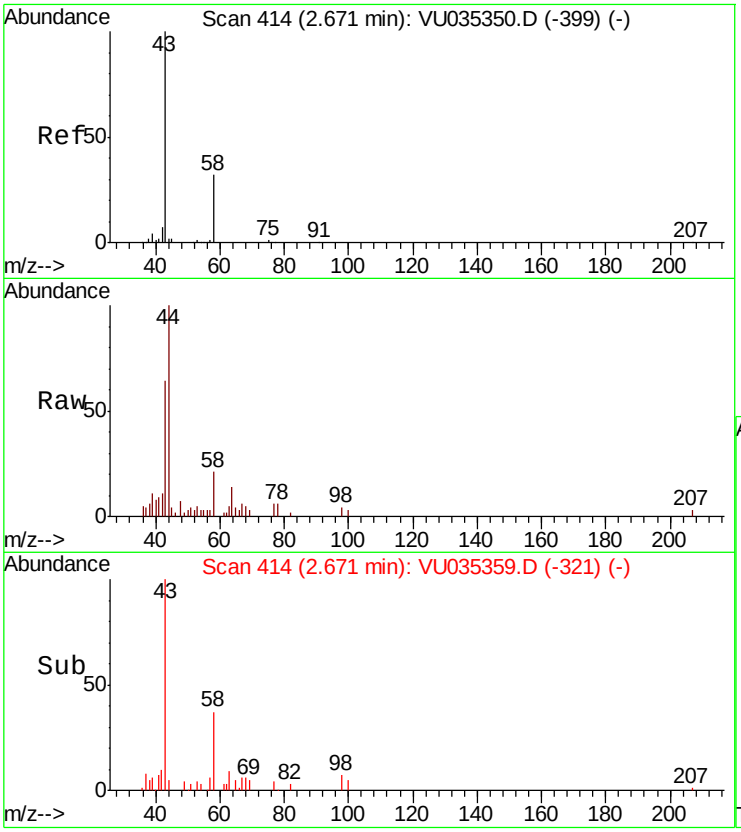


#12
1,1-Dichloroethene
Concen: 0.217 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Tgt Ion: 96 Resp: 3771

Ion	Ratio	Lower	Upper
96	100		
61	458.2	120.6	224.0#
63	2643.6	86.8	161.2#



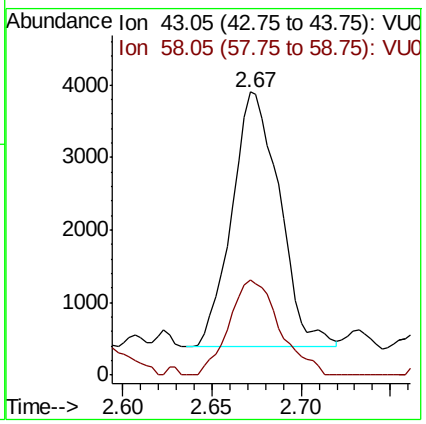


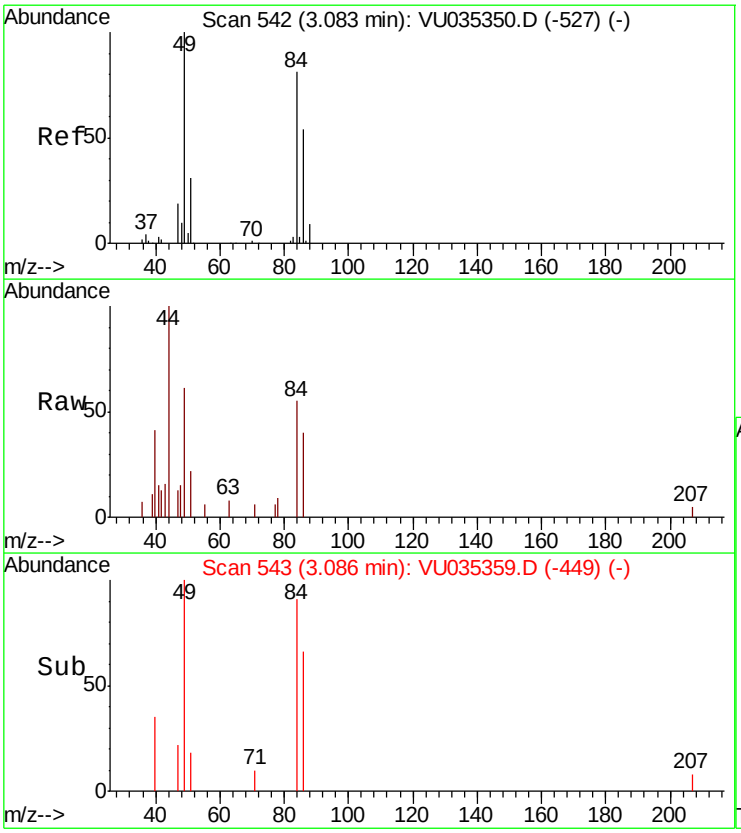
#13
Acetone
Concen: 1.983 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.00 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 6527

Ion	Ratio	Lower	Upper
43	100		
58	39.5	0.0	61.8

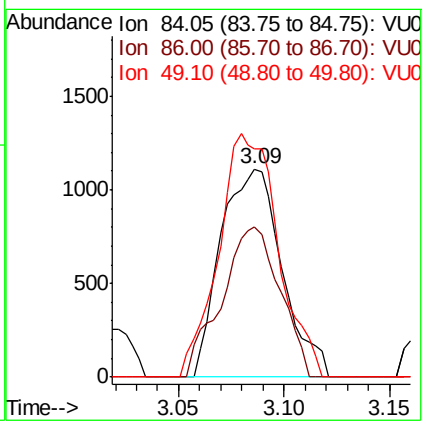


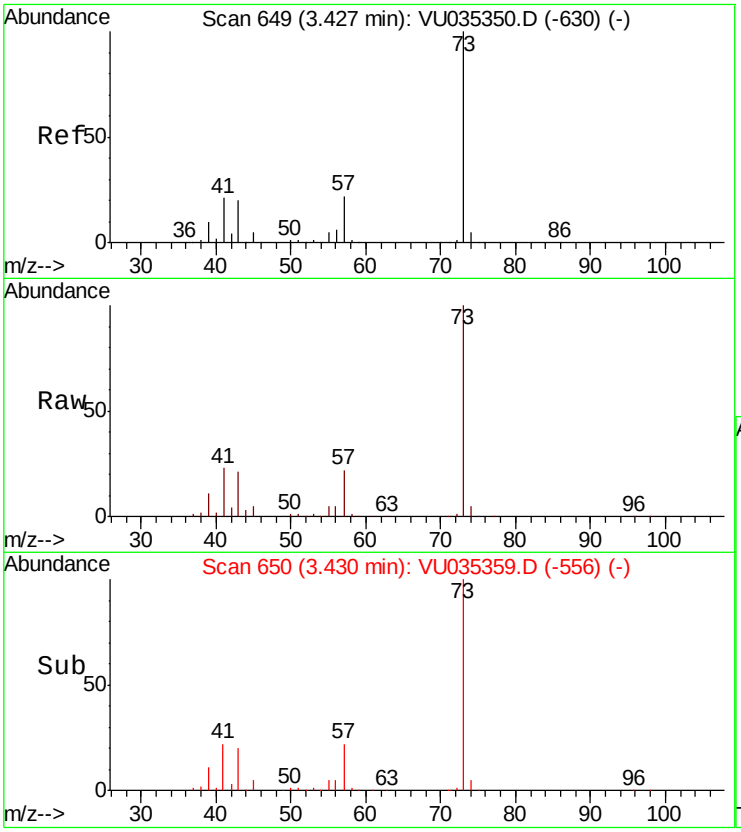


#16
Methylene chloride
Concen: 0.108 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Tgt Ion: 84 Resp: 2247

Ion	Ratio	Lower	Upper
84	100		
86	72.3	45.4	84.2
49	110.0	86.8	161.2



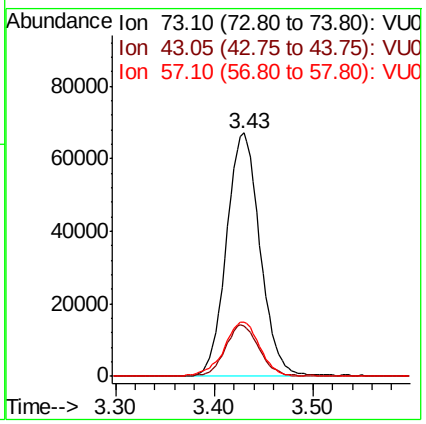


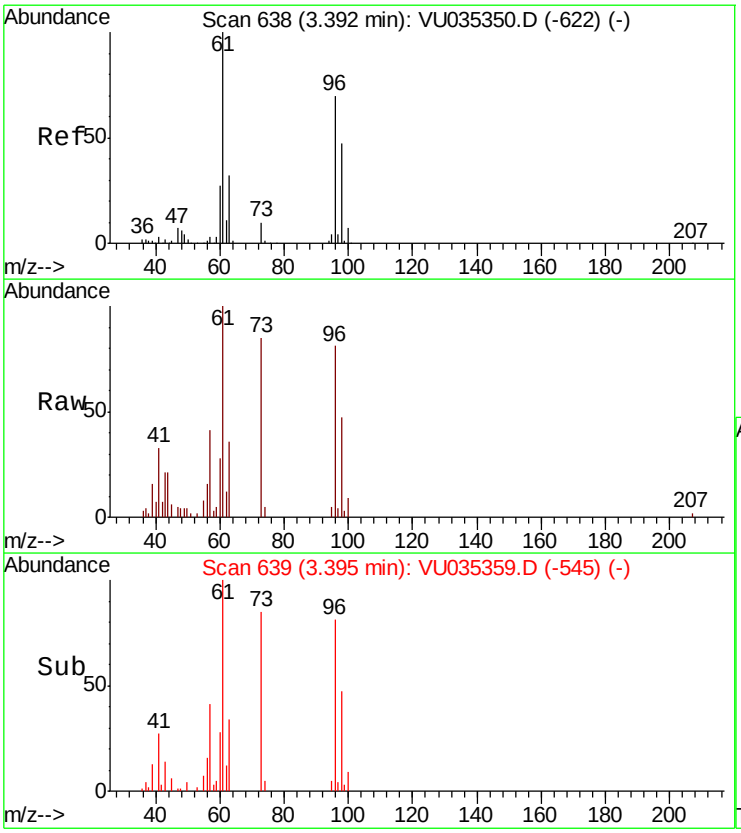
#17
Methyl tert-butyl Ether
Concen: 3.396 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 158586

Ion	Ratio	Lower	Upper
73	100		
43	21.3	16.0	24.0
57	23.9	17.4	26.2

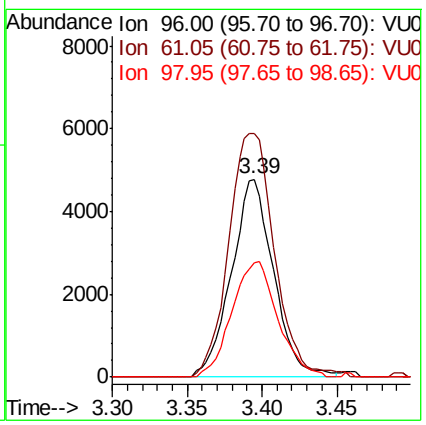


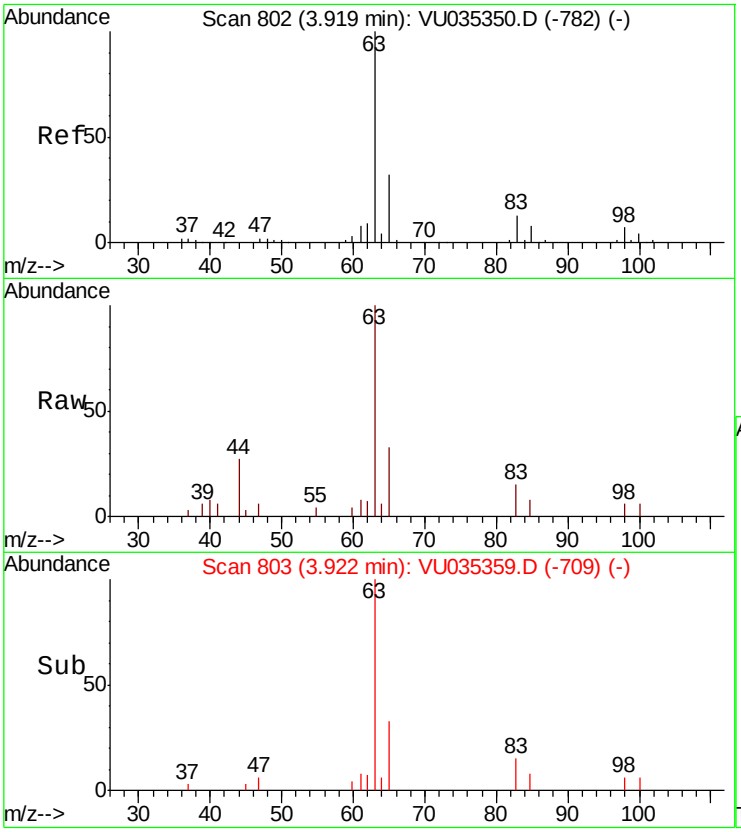


#18
trans-1,2-Dichloroethene
Concen: 0.502 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Tgt Ion: 96 Resp: 9392

Ion	Ratio	Lower	Upper
96	100		
61	123.2	93.0	172.6
98	58.0	43.7	81.1



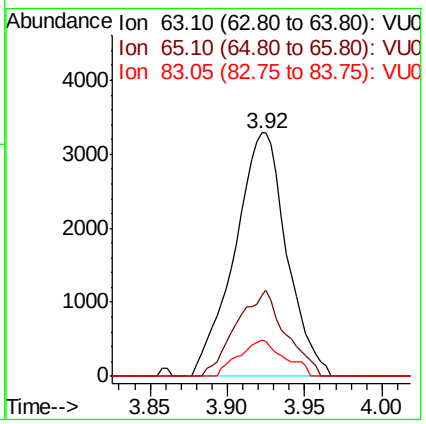


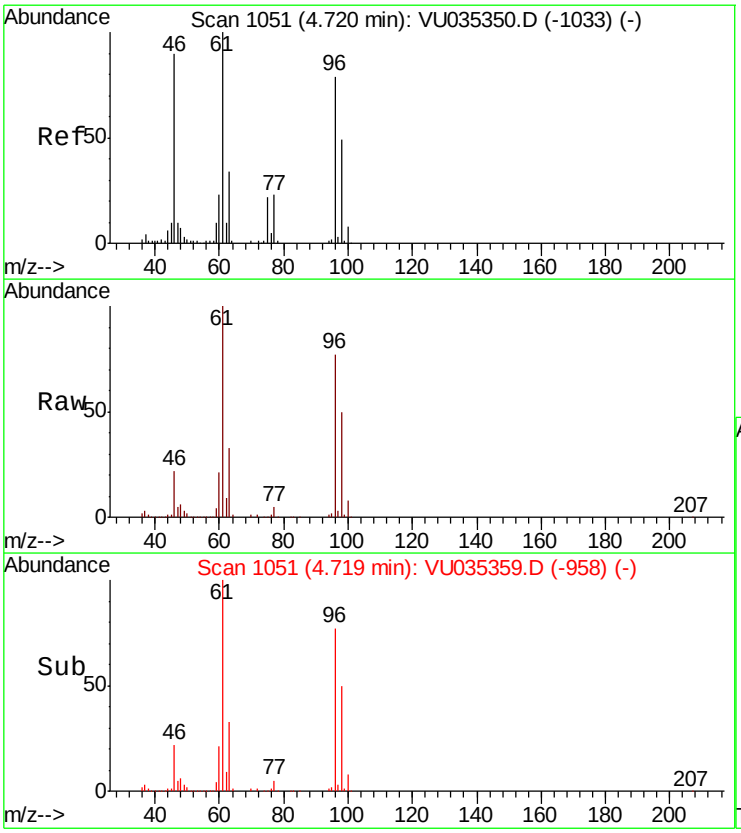
#19
1,1-Dichloroethane
Concen: 0.227 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.00 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7692

Ion	Ratio	Lower	Upper
63	100		
65	33.4	22.4	41.6
83	14.9	9.3	17.3

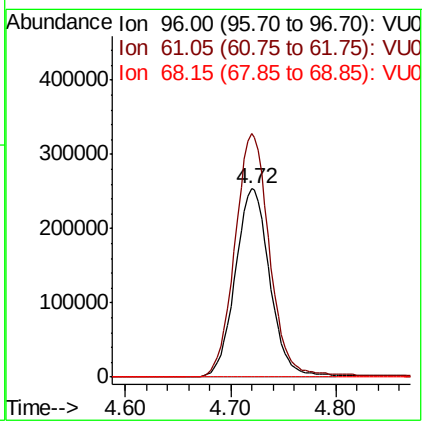


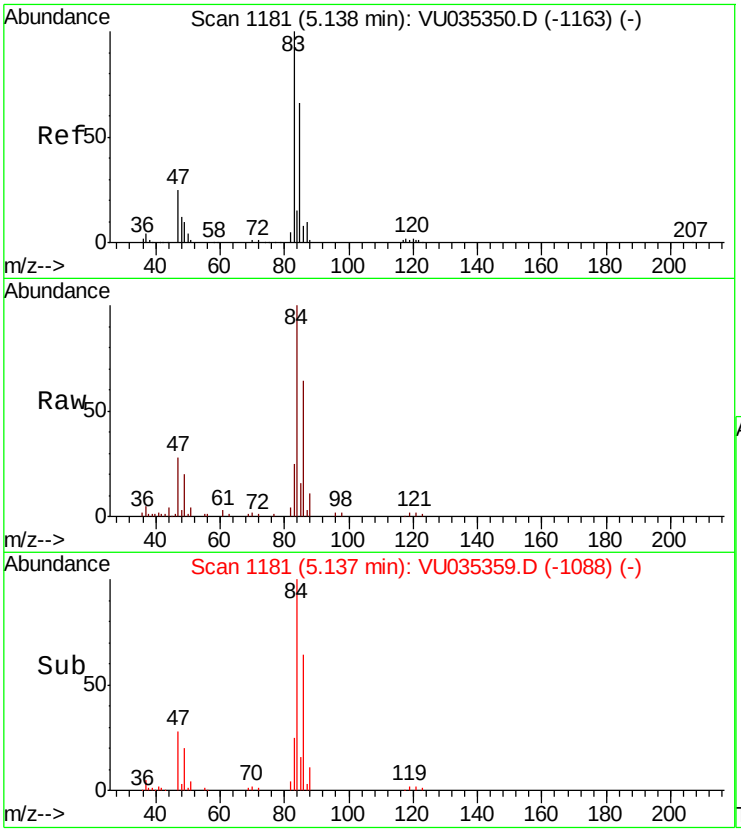


#22
cis-1,2-Dichloroethene
Concen: 27.872 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Tgt Ion: 96 Resp: 576916

Ion	Ratio	Lower	Upper
96	100		
61	129.2	89.7	166.5
68	0.0	0.0	0.0



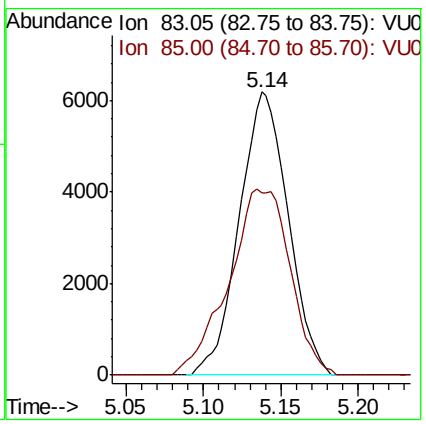


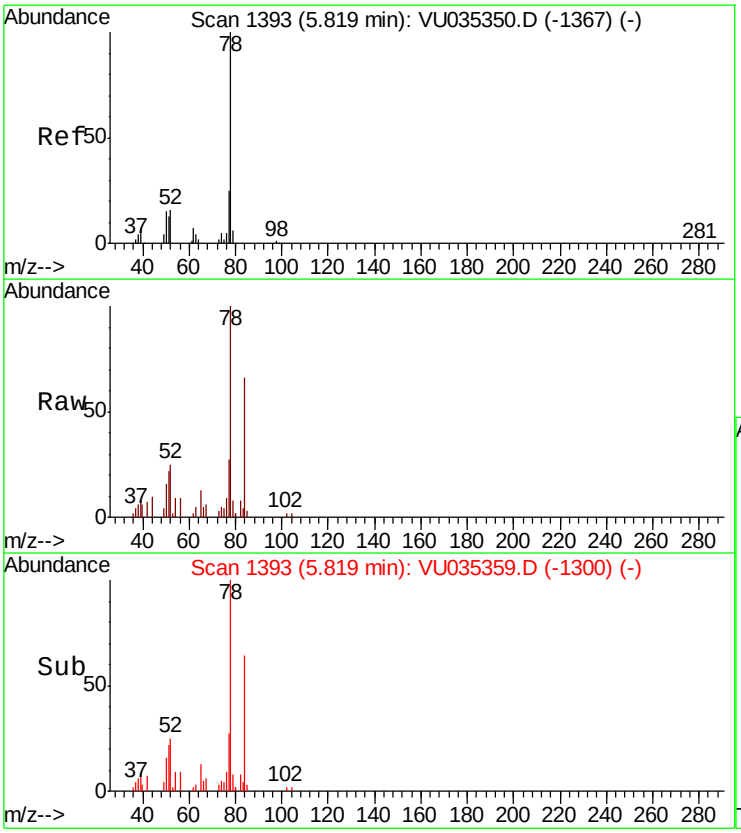
#25
Chloroform
Concen: 0.366 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 13606

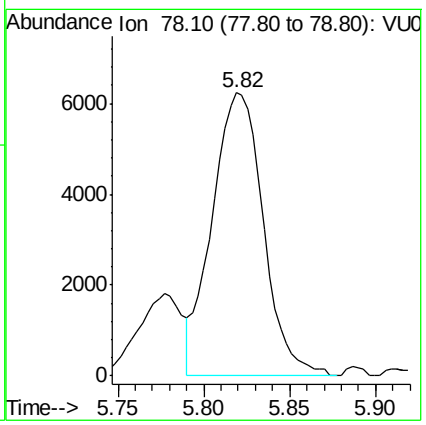
Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.1	83.9

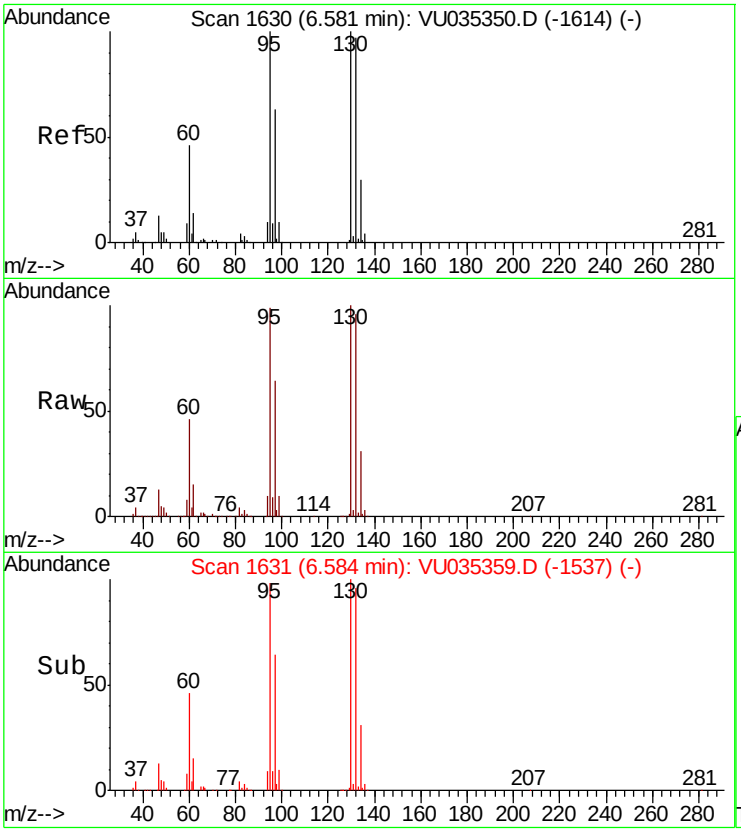




#33
Benzene
Concen: 0.166 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Tgt Ion: 78 Resp: 12938



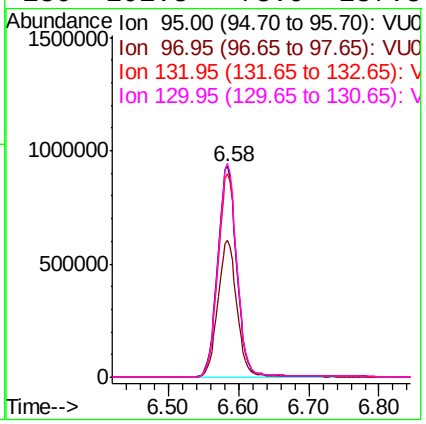


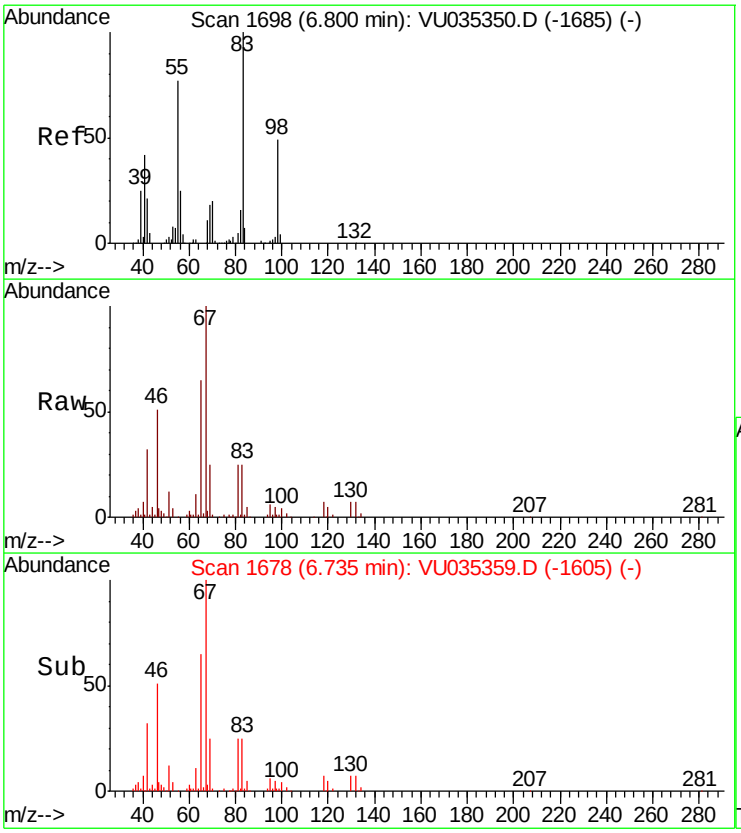
#34
Trichloroethene
Concen: 84.863 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 1777140

Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.6	86.6
132	96.8	68.7	127.7
130	101.3	73.9	137.3

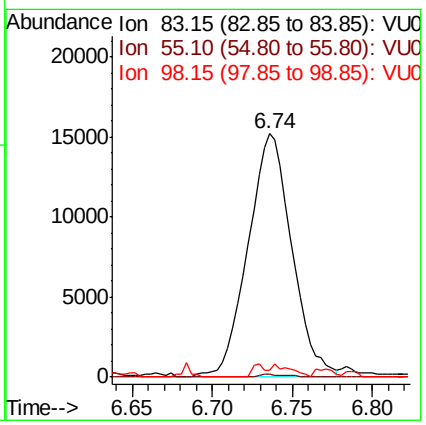


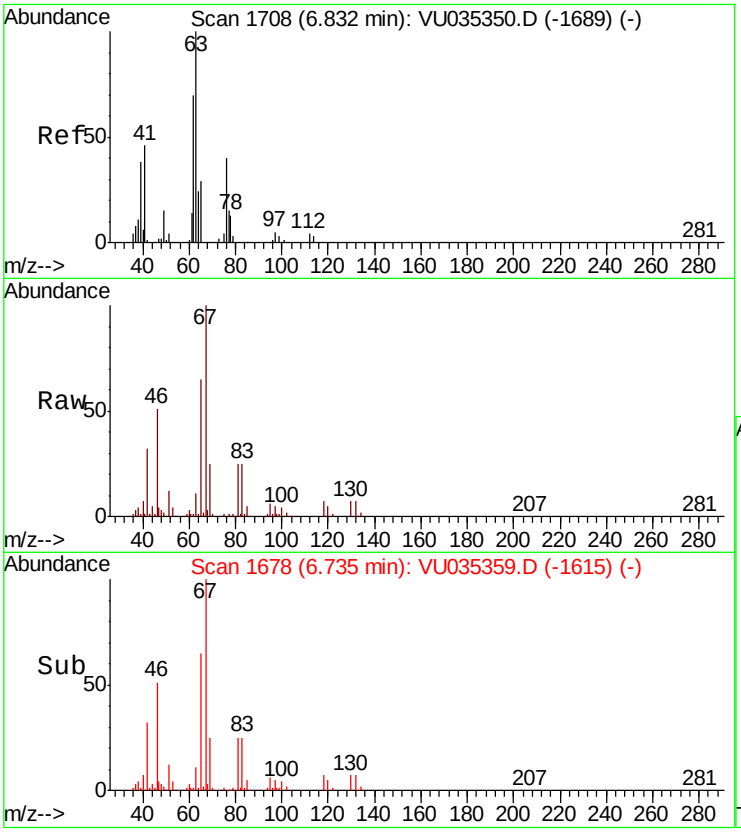


#35
Methylcyclohexane
Concen: 0.818 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Tgt Ion: 83 Resp: 28624

Ion	Ratio	Lower	Upper
83	100		
55	0.7	60.4	90.6#
98	0.0	39.5	59.3#



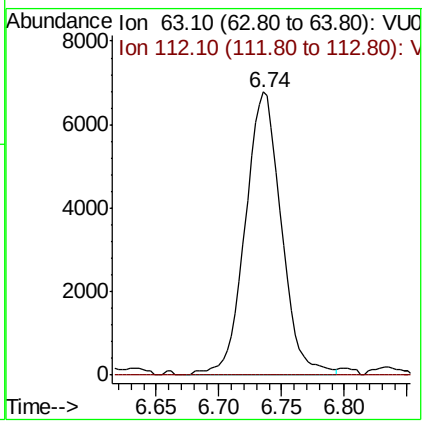


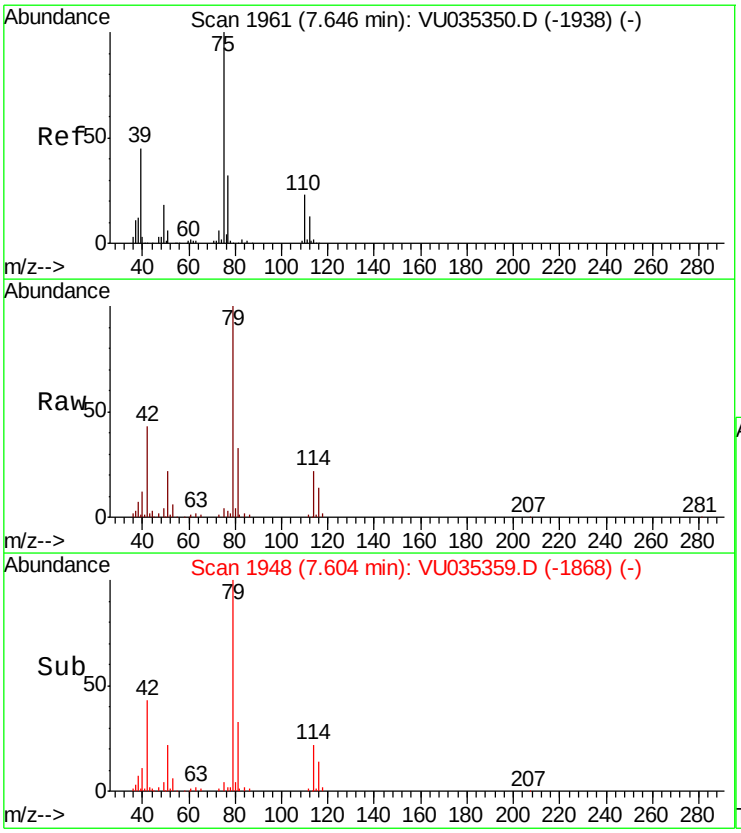
#37
1,2-Dichloropropane
Concen: 0.689 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 13626

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

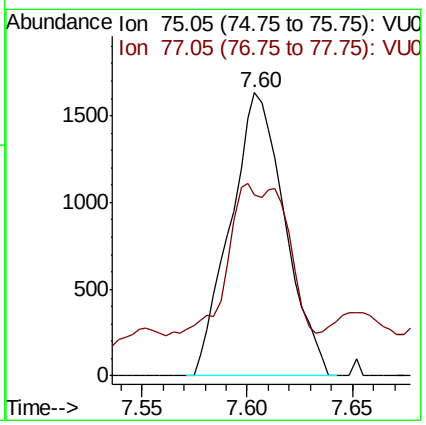


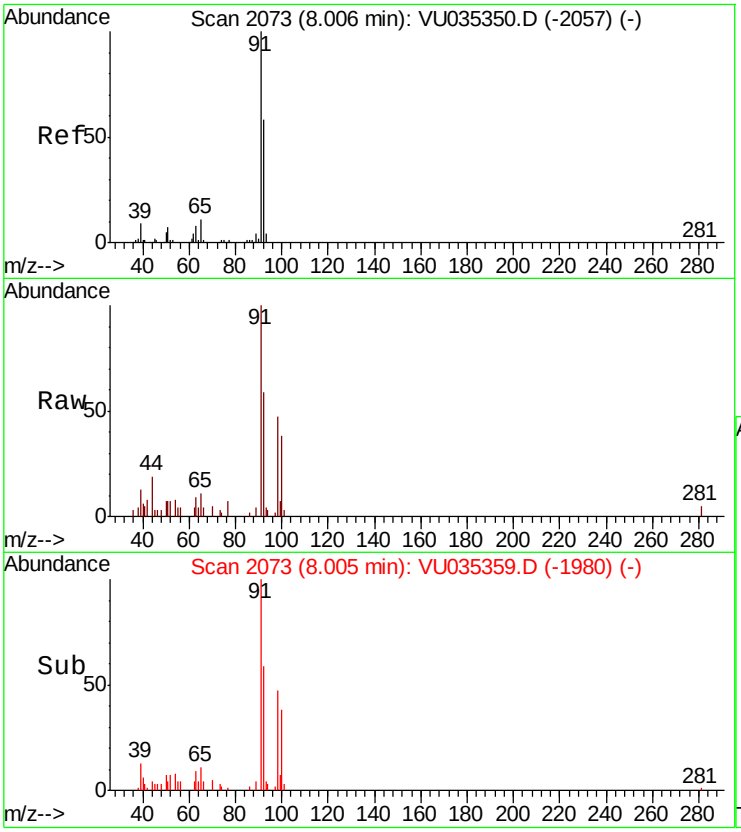


#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Tgt Ion: 75 Resp: 2933

Ion	Ratio	Lower	Upper
75	100		
77	64.0	22.7	42.1#



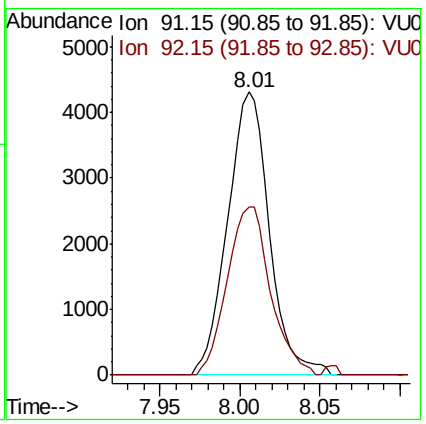


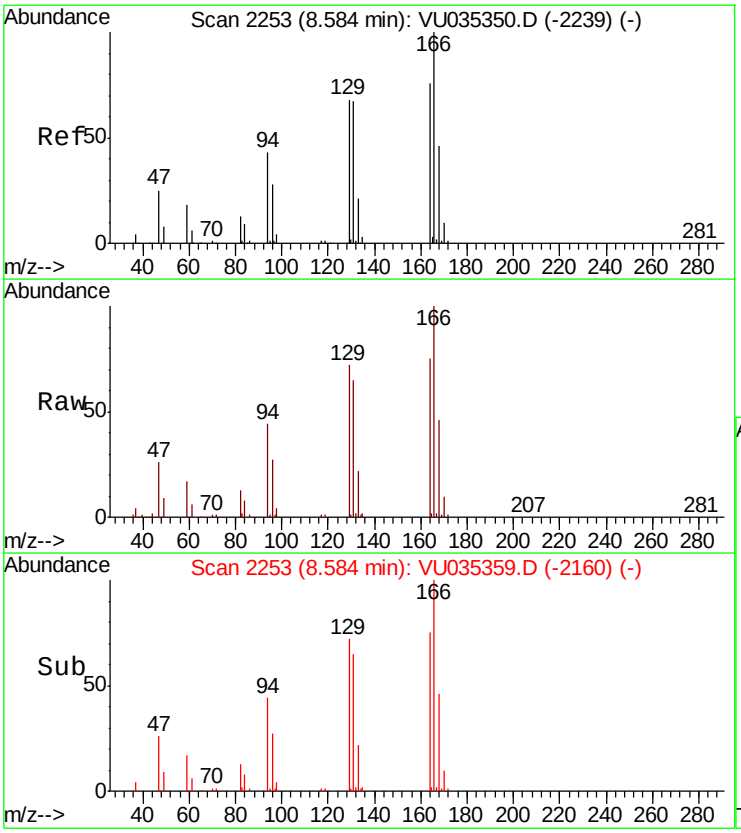
#42
Toluene
Concen: 0.089 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 7655

Ion	Ratio	Lower	Upper
91	100		
92	59.3	39.9	74.1

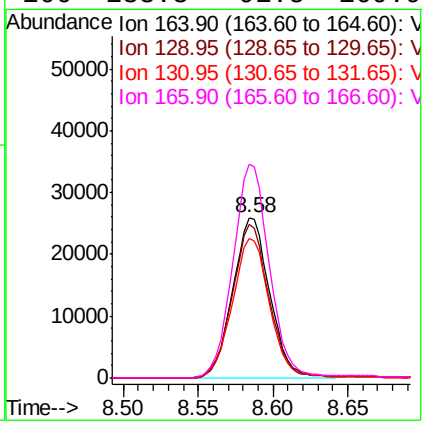


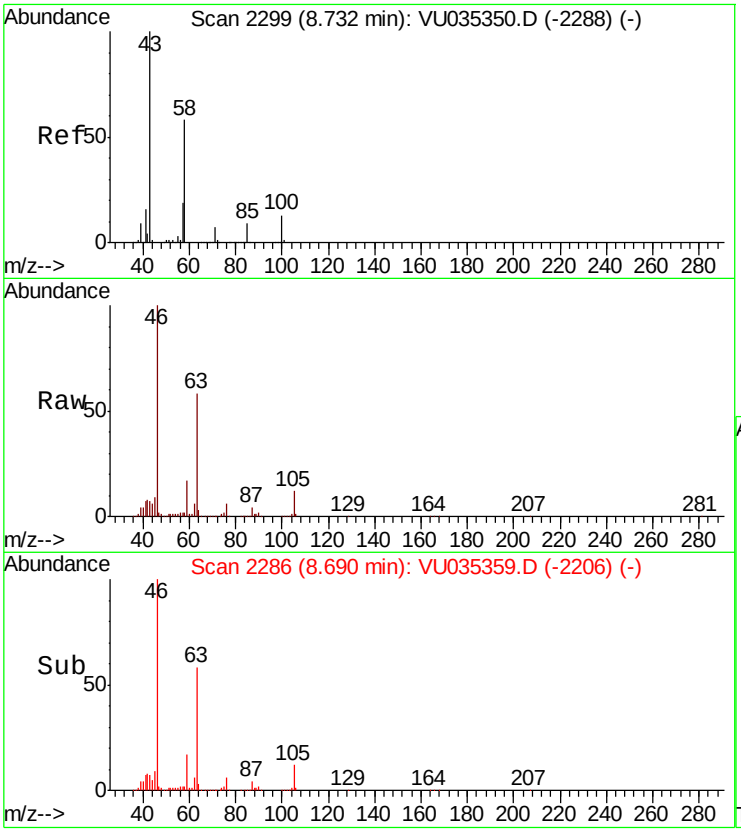


#47
Tetrachloroethene
Concen: 2.557 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Tgt Ion:164 Resp: 44604

Ion	Ratio	Lower	Upper
164	100		
129	95.8	65.2	121.0
131	87.0	62.9	116.9
166	133.3	91.5	169.9



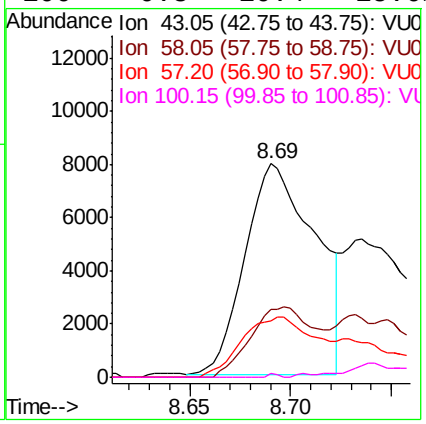


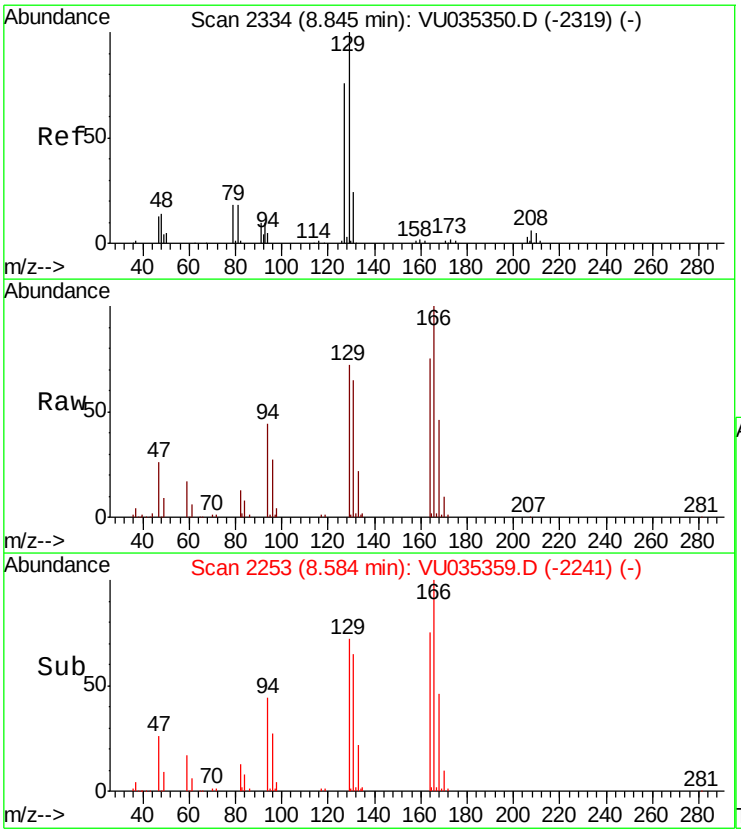
#48
2-Hexanone
Concen: 2.047 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.04 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 19161

Ion	Ratio	Lower	Upper
43	100		
58	31.5	45.1	67.7#
57	30.7	16.0	24.0#
100	0.3	10.4	15.6#

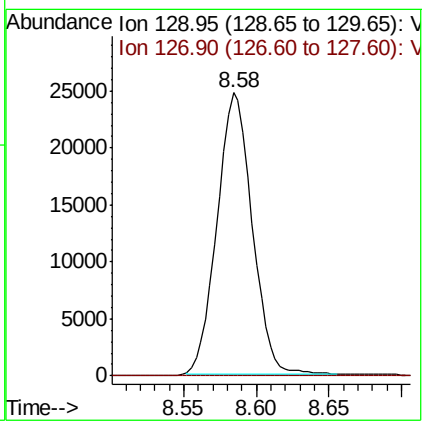


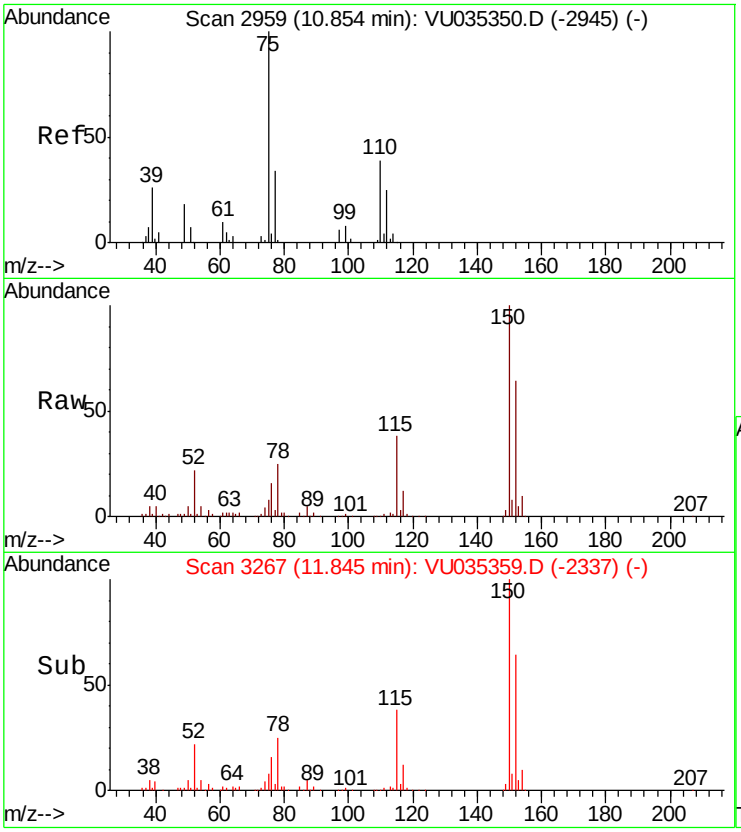


#49
Dibromochloromethane
Concen: 2.226 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Tgt Ion:129 Resp: 41434

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#59
1,2,3-Trichloropropane
Concen: 0.803 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035359.D
Acq: 22 Oct 2019 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 11059

Ion	Ratio	Lower	Upper
75	100		
77	42.1	26.2	39.2#