Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112519\
Data File : VU035839.D
Acq On : 25 Nov 2019 21:45
Operator : JC/SP
Sample : K5992-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 10 00:37:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 01:03:35 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : GARF1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	269268	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292732	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	97300	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	442148	12.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 251.40%#			
7) Chloroethane-d5	1.93	69	125698	4.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.60%			
11) 1,1-Dichloroethene-d2	2.61	63	2781529	42.54	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 850.80%#			
20) 2-Butanone-d5	4.71	46	572029	70.27	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 140.54%#			
24) Chloroform-d	5.11	84	263291	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
26) 1,2-Dichloroethane-d4	5.75	65	155247	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.77	84	515219	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
36) 1,2-Dichloropropane-d6	6.74	67	196109	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	7.93	98	449346	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
43) trans-1,3-Dichloropropene-	8.21	79	72374	4.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.80%			
46) 2-Hexanone-d5	8.68	63	389926	66.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 132.50%#			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	154174	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	109591	5.19	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	16069247m	357.387	ug/L	
12) 1,1-Dichloroethene	2.61	96	4363983	155.762	ug/L #	70
13) Acetone	2.67	43	8635	1.208	ug/L	95
16) Methylene chloride	3.08	84	2468	0.073	ug/L	81
18) trans-1,2-Dichloroethene	3.39	96	988138	35.817	ug/L	97
19) 1,1-Dichloroethane	3.92	63	36074	0.582	ug/L	98
22) cis-1,2-Dichloroethene	4.70	96	32040332m	1042.192	ug/L	
25) Chloroform	5.14	83	46031	0.763	ug/L	97
27) 1,2-Dichloroethane	5.84	62	13177	0.332	ug/L #	95
30) Cyclohexane	5.43	56	29008	0.628	ug/L	98
33) Benzene	5.82	78	85875	0.703	ug/L	100
34) Trichloroethene	6.57	95	47849598m	1597.180	ug/L	
42) Toluene	8.00	91	11628	0.091	ug/L	91
45) 1,1,2-Trichloroethane	8.44	97	38466	1.703	ug/L	94
47) Tetrachloroethene	8.58	164	153573	6.736	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112519\
Data File : VU035839.D
Acq On : 25 Nov 2019 21:45
Operator : JC/SP
Sample : K5992-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARF1

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Quant Time: Dec 10 00:37:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 01:03:35 2019
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 (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112519\
Data File : VU035839.D
Acq On : 25 Nov 2019 21:45
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 01:03:35 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GARF1

Manual Integrations APPROVED
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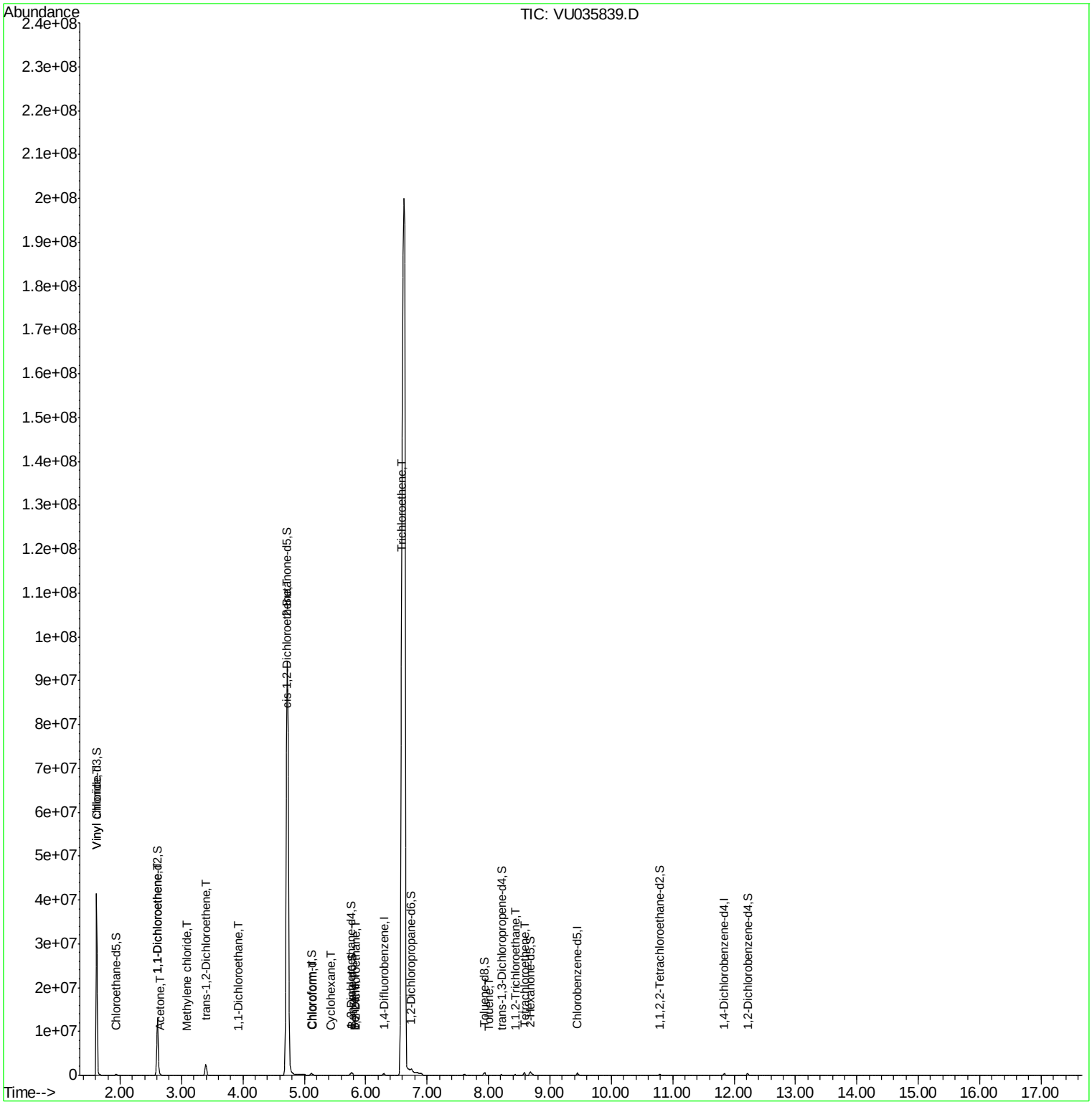

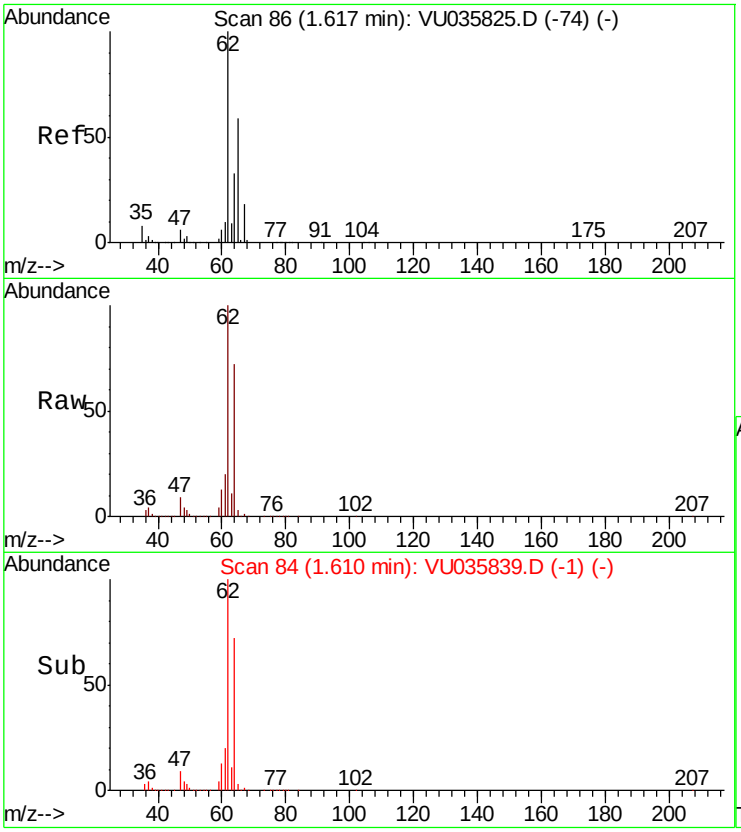

#5
Vinyl chloride
Concen: 357.387 ug/L m
RT: 1.61 min Scan# 84
Delta R.T. -0.01 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion: 62 Resp:16069247

Ion	Ratio	Lower	Upper
62	100		
64	72.1	22.5	41.9#

Instrument :
MSVOA_U
ClientSampleId :
GARF1

Manual Integrations APPROVED
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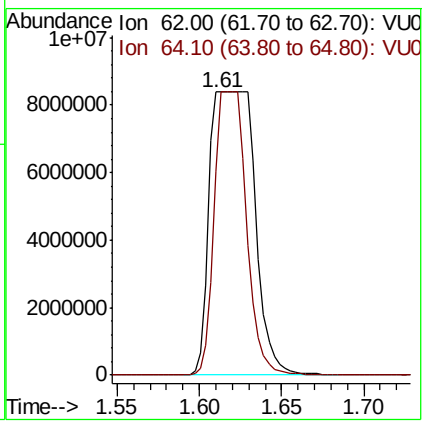
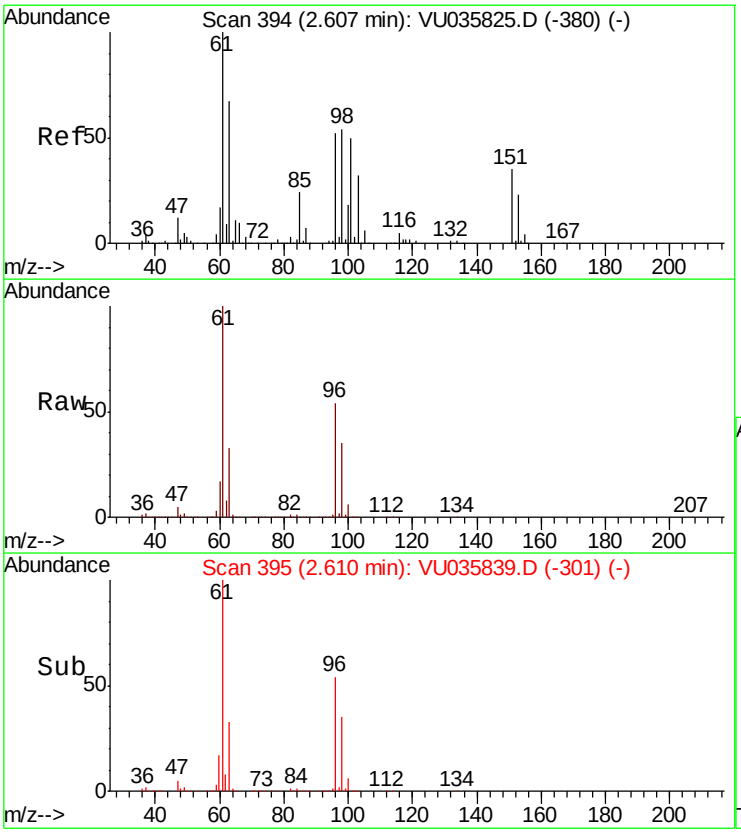
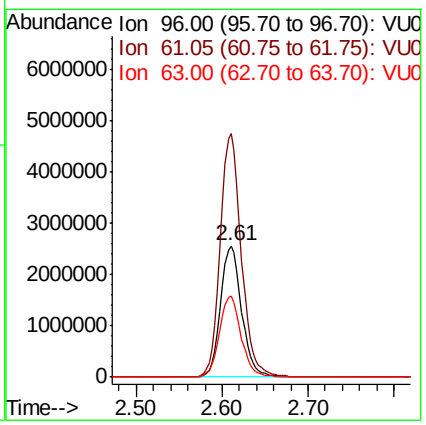


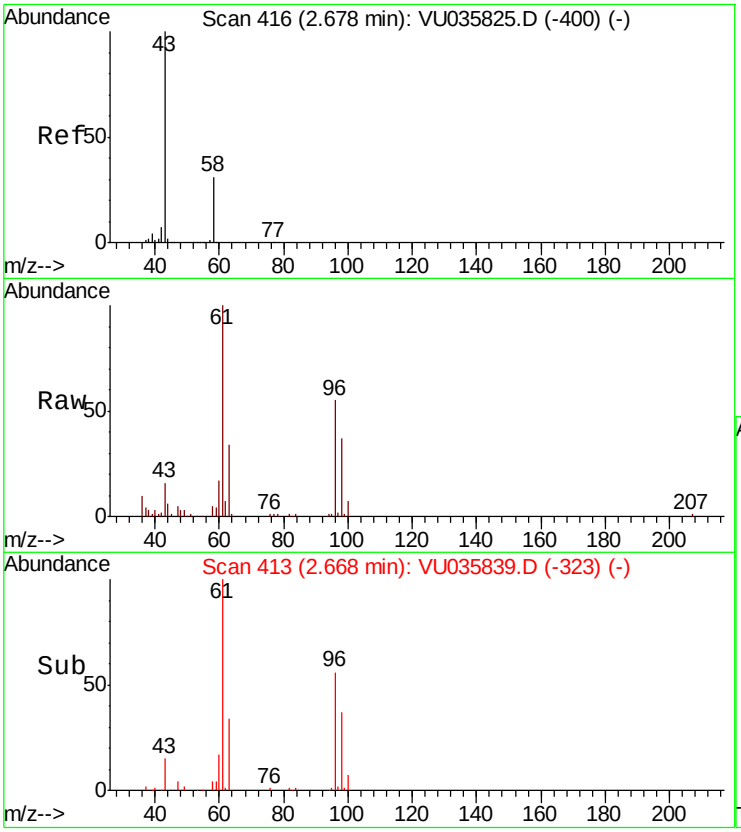


#12
1,1-Dichloroethene
Concen: 155.762 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion: 96 Resp: 4363983

Ion	Ratio	Lower	Upper
96	100		
61	185.1	139.3	258.7
63	61.4	93.7	174.1#

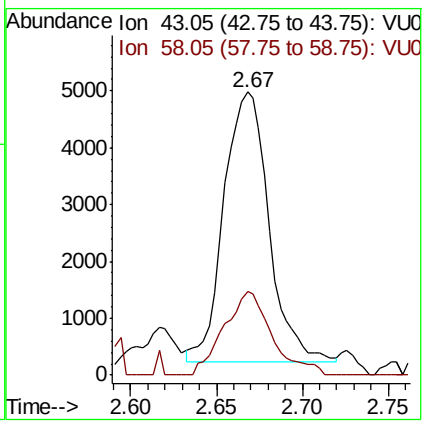




#13
Acetone
Concen: 1.208 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.01 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion: 43 Resp: 8635

Ion	Ratio	Lower	Upper
43	100		
58	33.1	0.0	61.2



Instrument :
MSVOA_U
ClientSampleId :
GARF1

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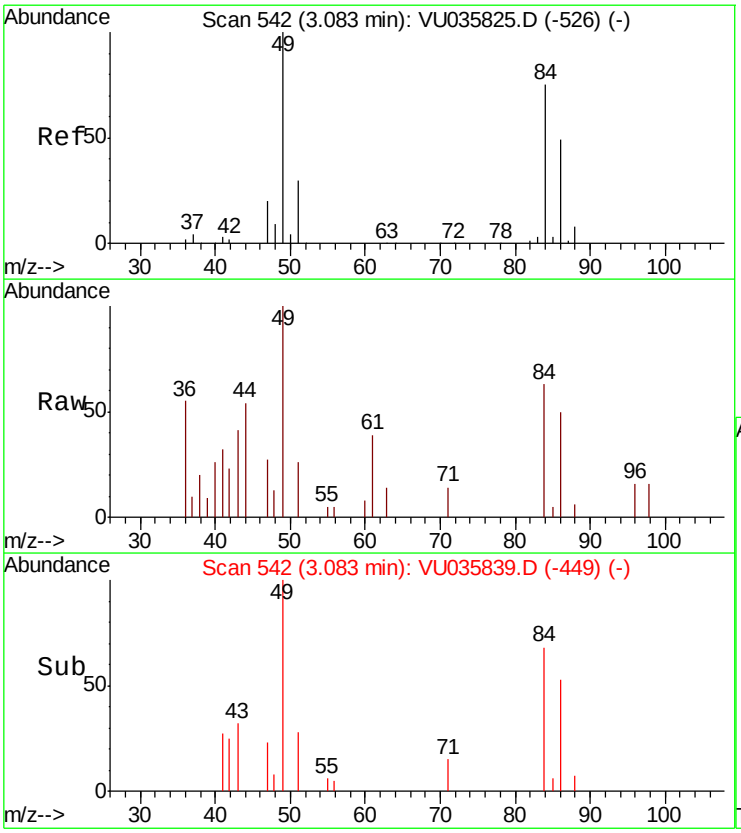
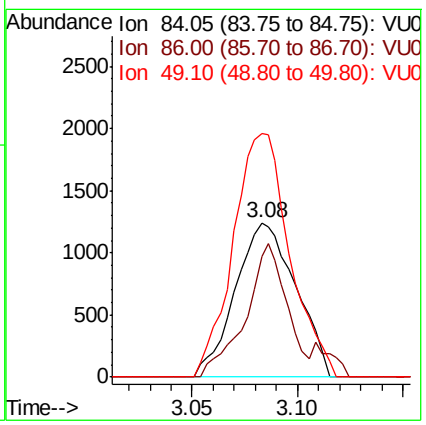
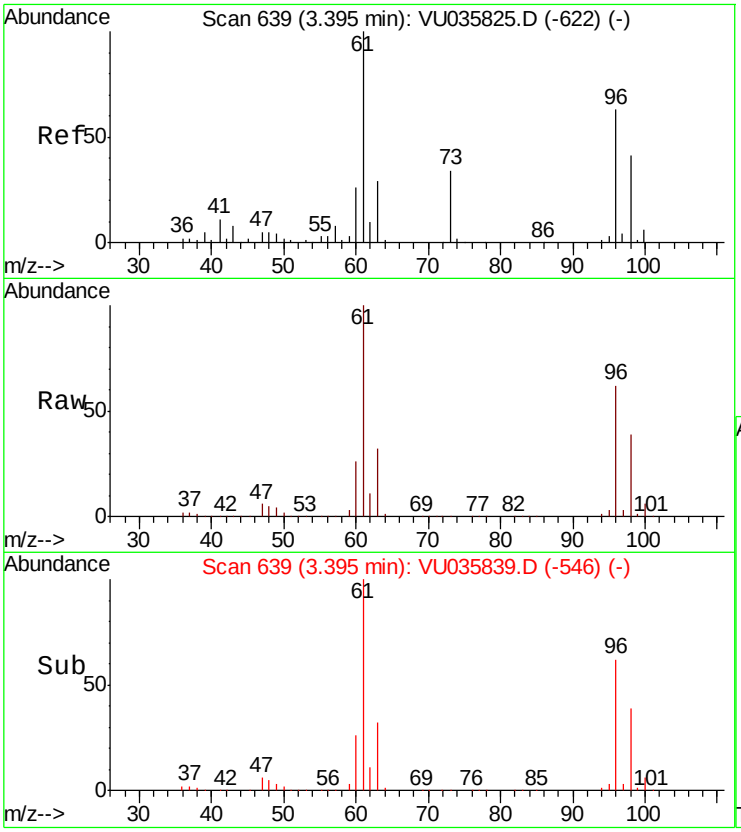


#16
Methylene chloride
Concen: 0.073 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion: 84 Resp: 2468

Ion	Ratio	Lower	Upper
84	100		
86	78.4	44.4	82.5
49	157.6	94.0	174.6

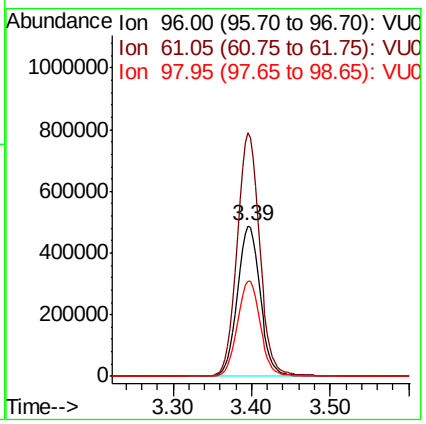




#18
trans-1,2-Dichloroethene
Concen: 35.817 ug/L
RT: 3.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion: 96 Resp: 988138

Ion	Ratio	Lower	Upper
96	100		
61	162.1	111.1	206.3
98	63.5	43.1	80.1



Instrument :
MSVOA_U
ClientSampleId :
GARF1

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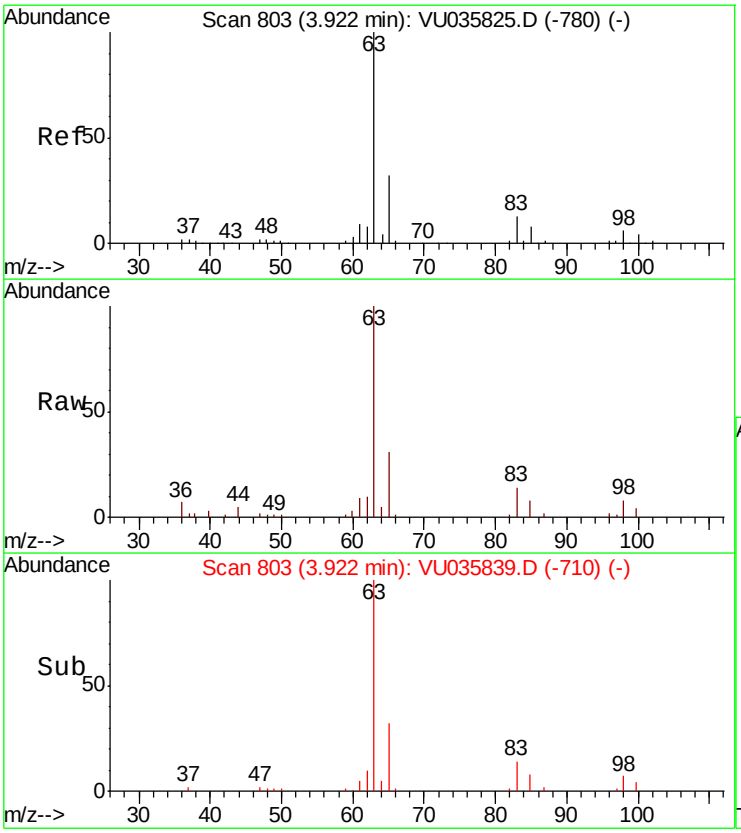
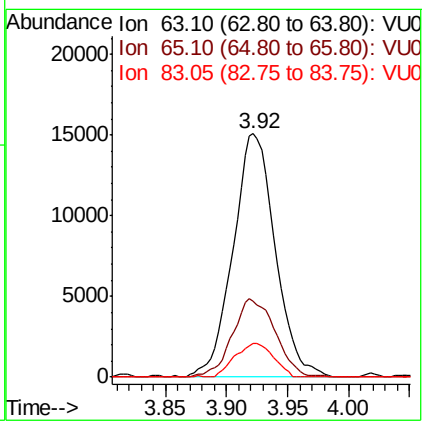
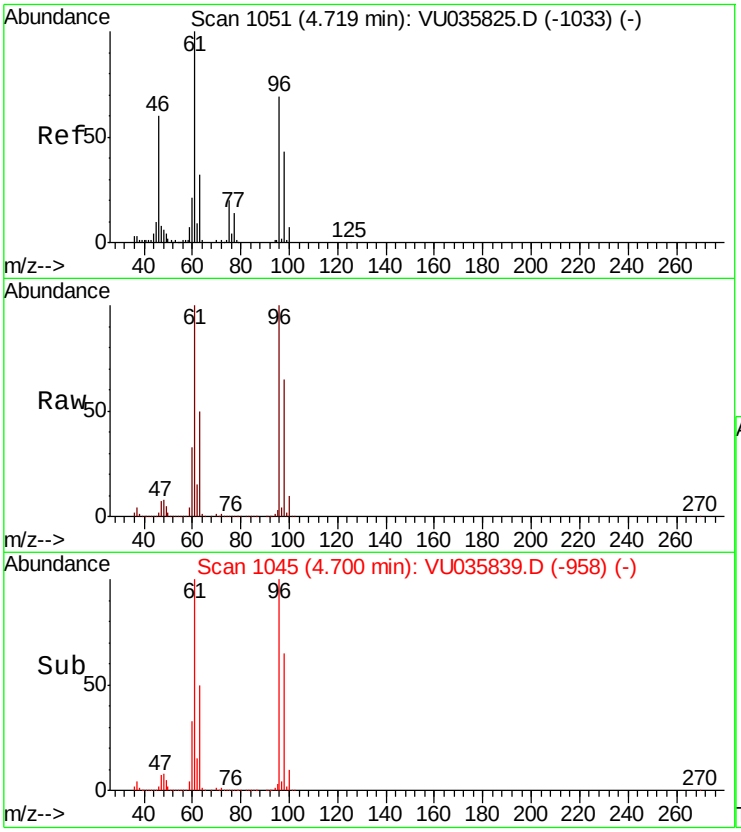


#19
1,1-Dichloroethane
Concen: 0.582 ug/L
RT: 3.92 min Scan# 803
Delta R.T. -0.00 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion: 63 Resp: 36074

Ion	Ratio	Lower	Upper
63	100		
65	31.4	21.8	40.4
83	13.9	8.6	16.0





#22
cis-1,2-Dichloroethene
Concen: 1042.192 ug/L m
RT: 4.70 min Scan# 1045
Delta R.T. -0.02 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion: 96 Resp:32040332

Ion	Ratio	Lower	Upper
96	100		
61	100.0	98.1	182.1
68	0.0	0.0	0.0#

Instrument :
MSVOA_U
ClientSampleId :
GARF1

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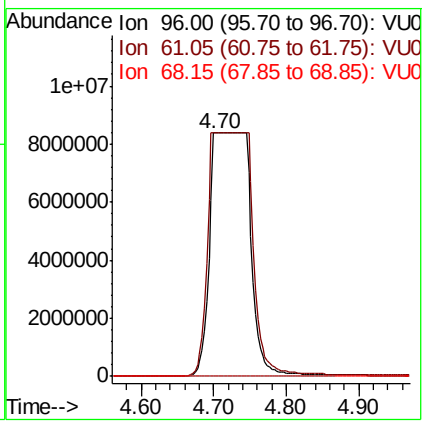
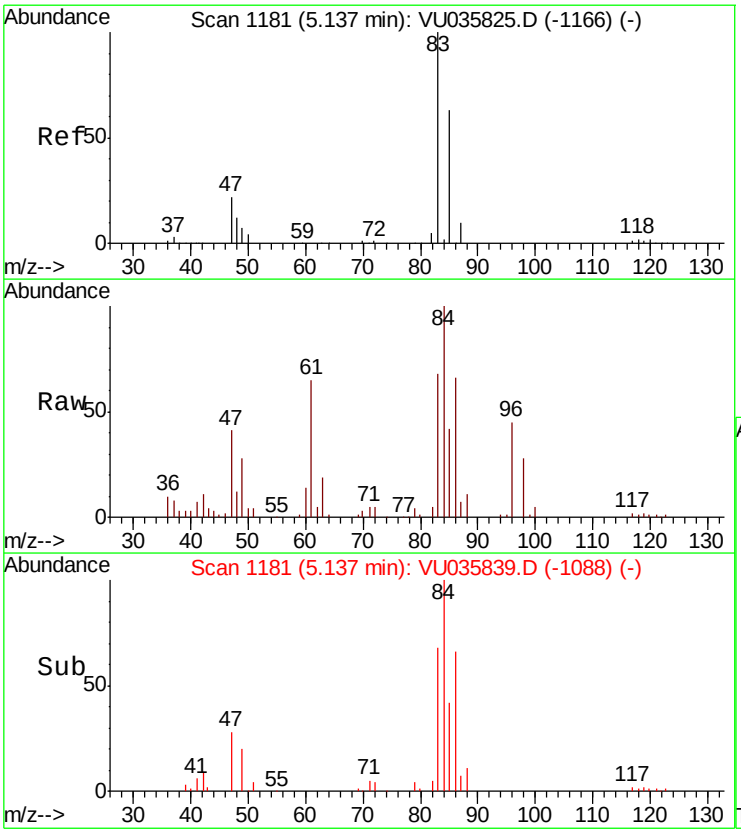
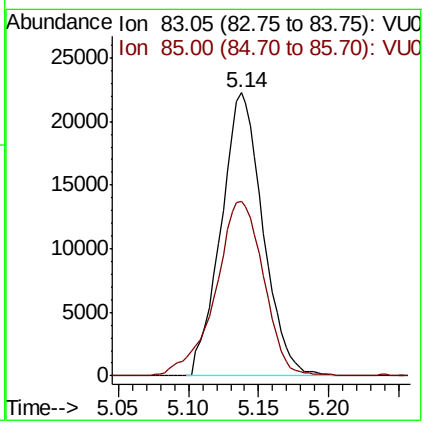


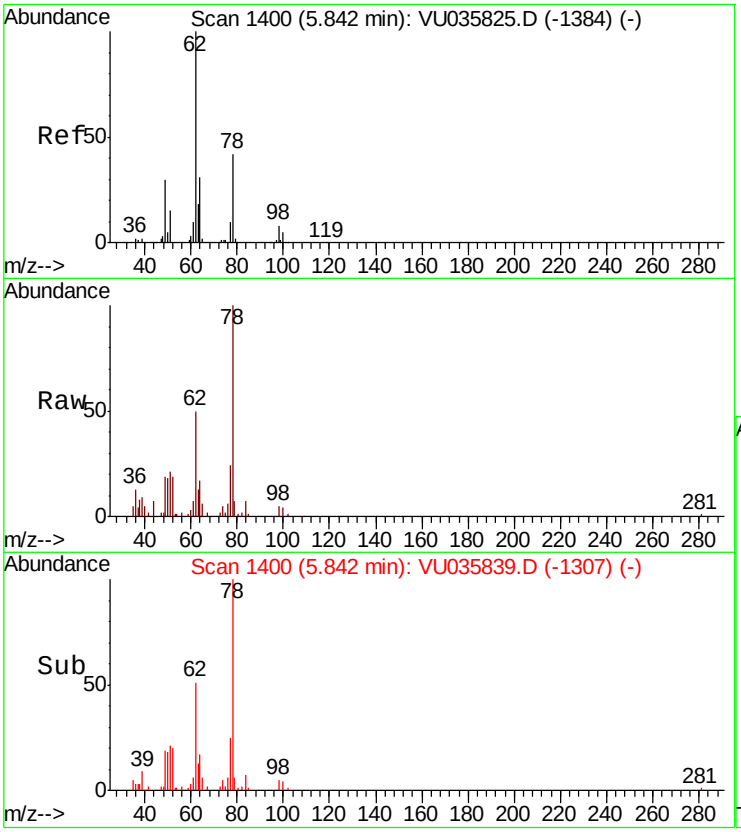


#25
Chloroform
Concen: 0.763 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion: 83 Resp: 46031

Ion	Ratio	Lower	Upper
83	100		
85	61.7	44.6	82.8

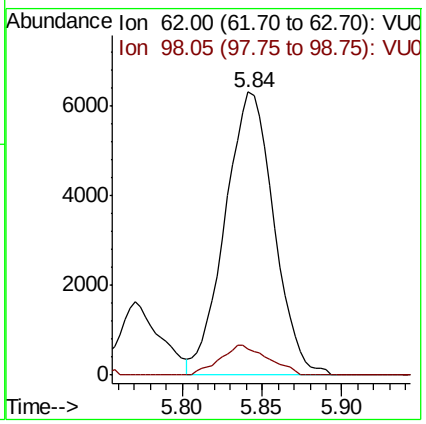




#27
1,2-Dichloroethane
Concen: 0.332 ug/L
RT: 5.84 min Scan# 1400
Delta R.T. -0.00 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion: 62 Resp: 13177

Ion	Ratio	Lower	Upper
62	100		
98	9.4	6.2	9.4#



Instrument :
MSVOA_U
ClientSampleId :
GARF1

Manual Integrations APPROVED
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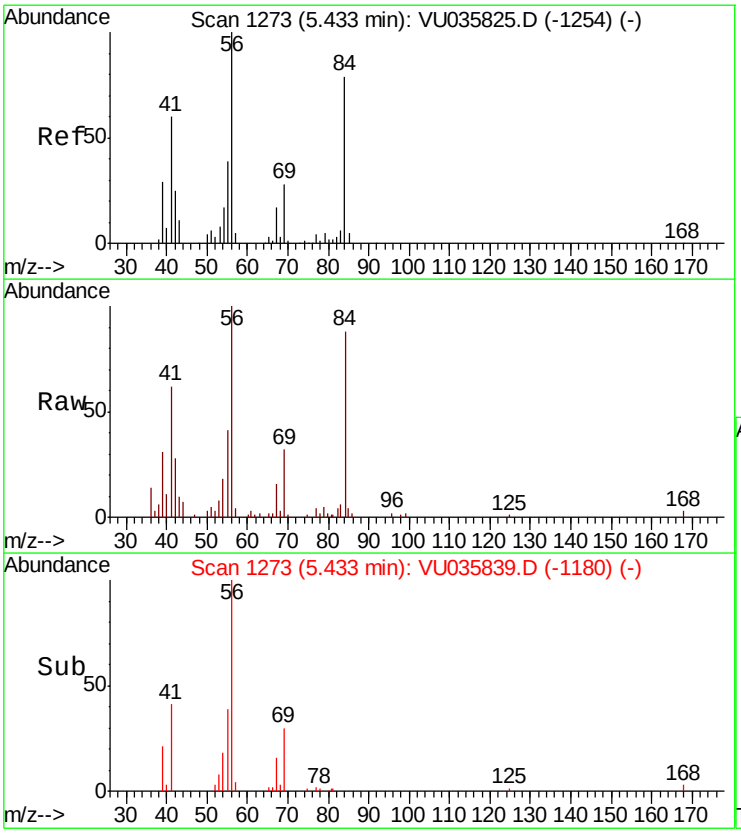
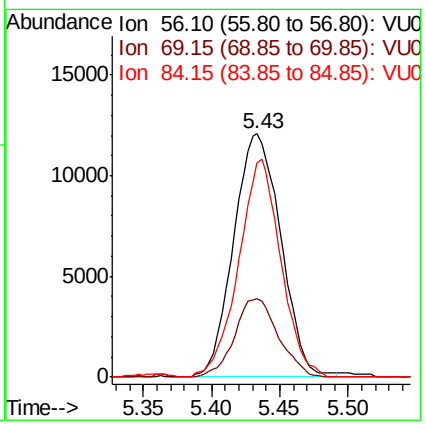
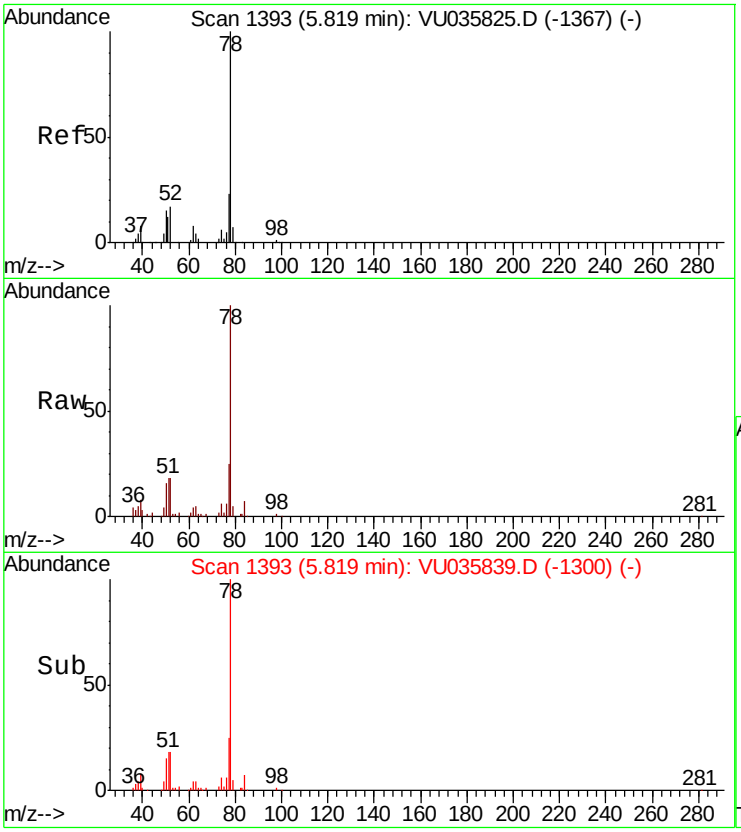


#30
Cyclohexane
Concen: 0.628 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion: 56 Resp: 29008

Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.0	36.0
84	80.0	62.1	93.1





#33
Benzene
Concen: 0.703 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion: 78 Resp: 85875

Instrument :
MSVOA_U
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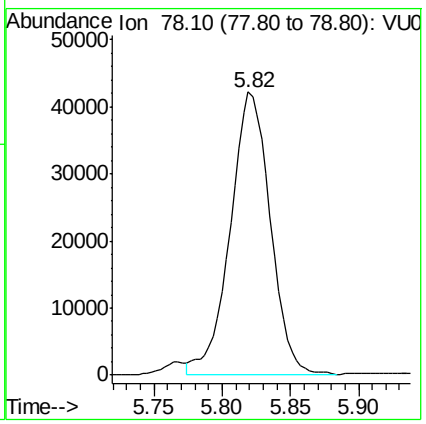
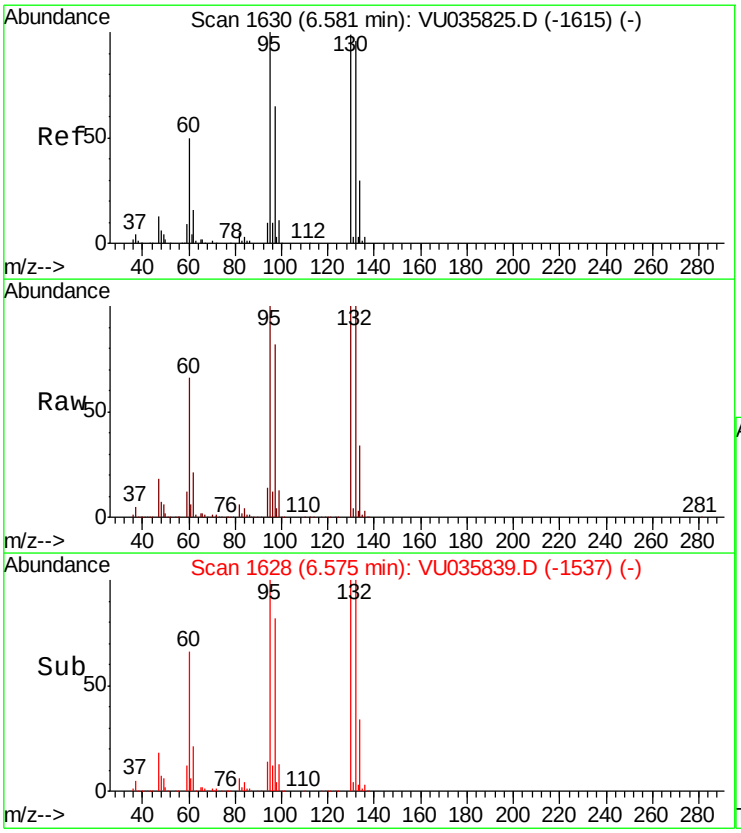
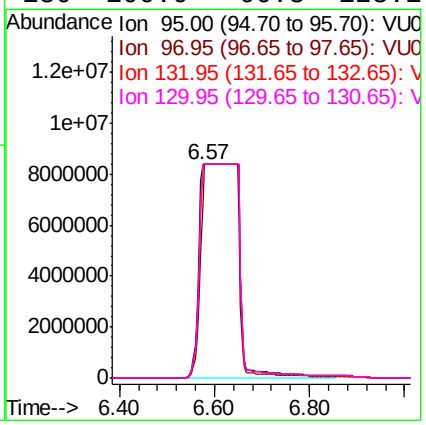


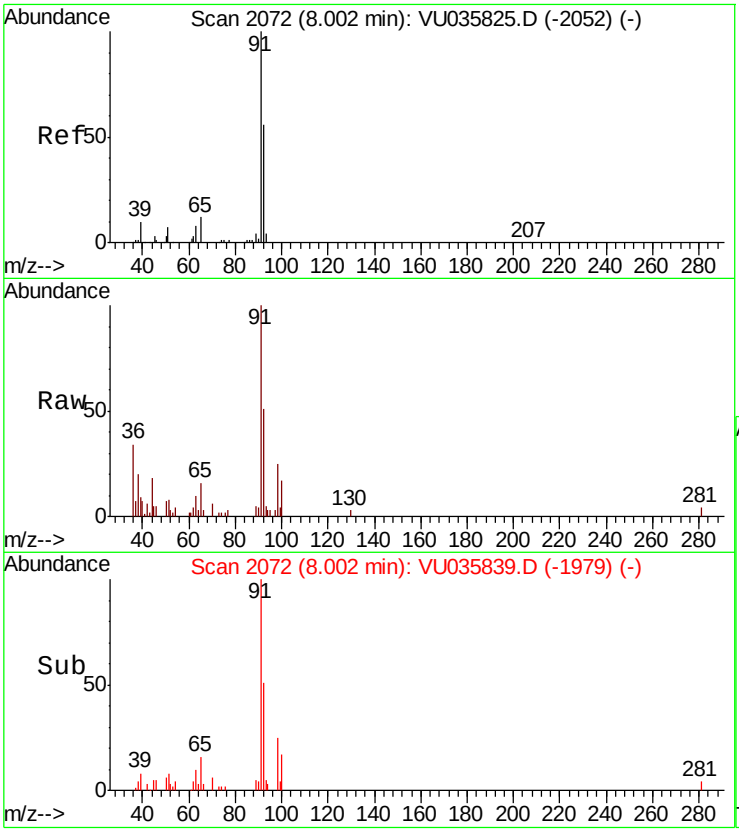


#34
Trichloroethene
Concen: 1597.180 ug/L m
RT: 6.57 min Scan# 1628
Delta R.T. -0.01 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion: 95 Resp:47849598

Ion	Ratio	Lower	Upper
95	100		
97	82.4	45.1	83.9
132	100.0	61.9	114.9
130	100.0	66.3	123.1

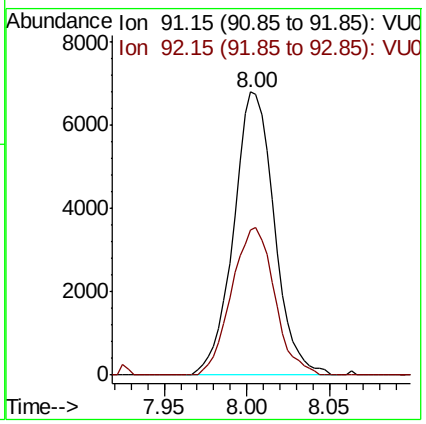




#42
Toluene
Concen: 0.091 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion: 91 Resp: 11628

Ion	Ratio	Lower	Upper
91	100		
92	51.1	40.4	75.0



Instrument :
MSVOA_U
ClientSampleId :
GARF1

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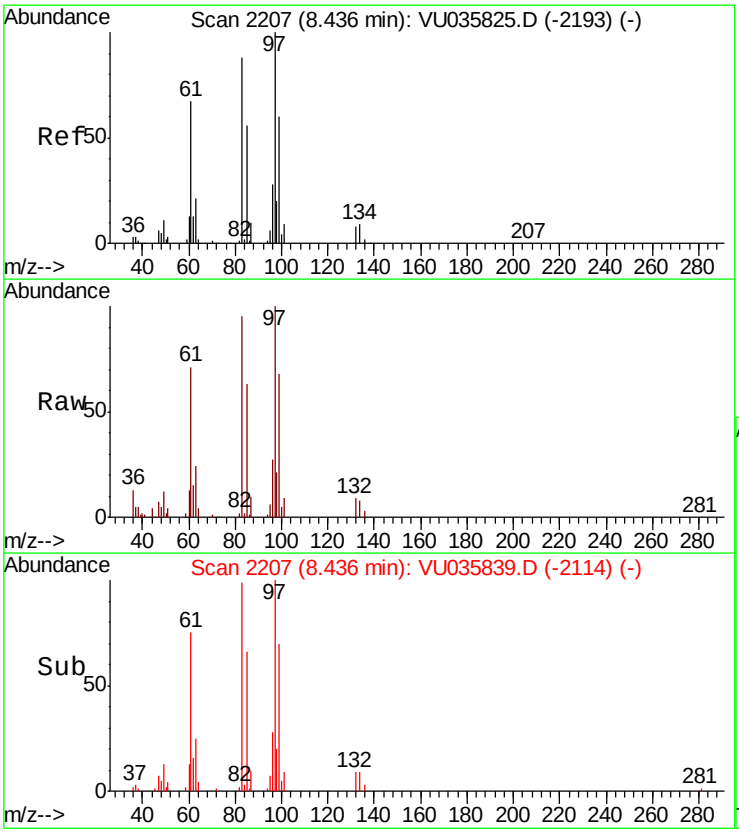
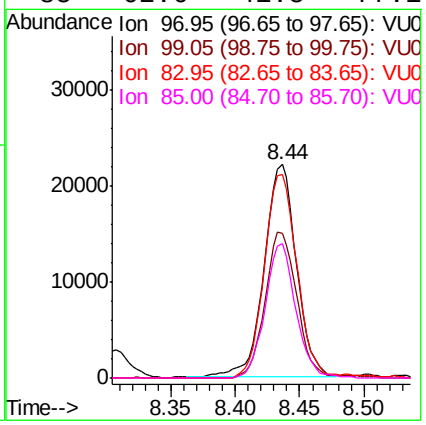
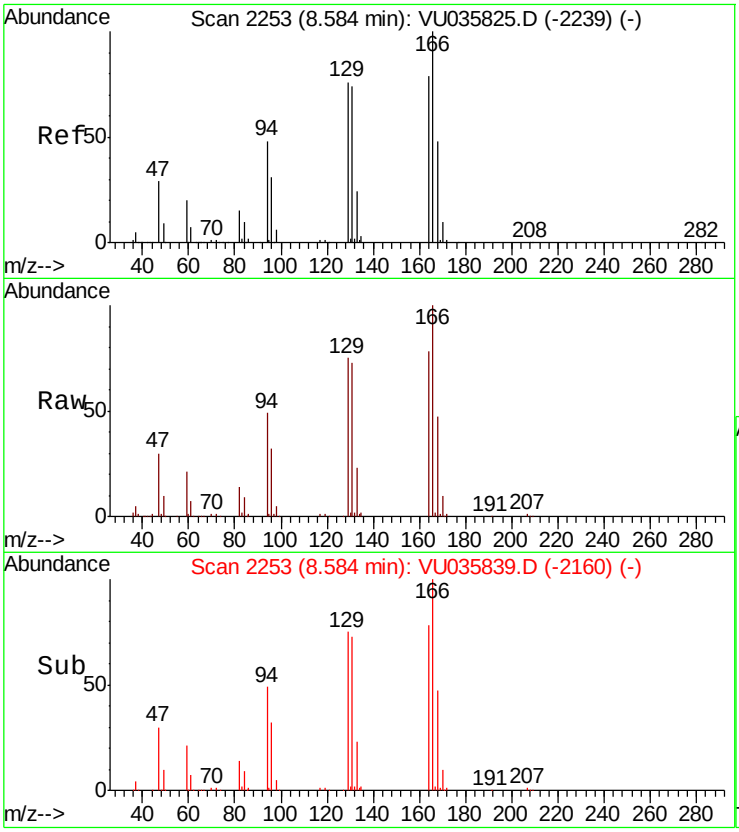


#45
1,1,2-Trichloroethane
Concen: 1.703 ug/L
RT: 8.44 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion: 97 Resp: 38466

Ion	Ratio	Lower	Upper
97	100		
99	67.6	44.2	82.0
83	95.1	62.2	115.6
85	62.6	41.5	77.1

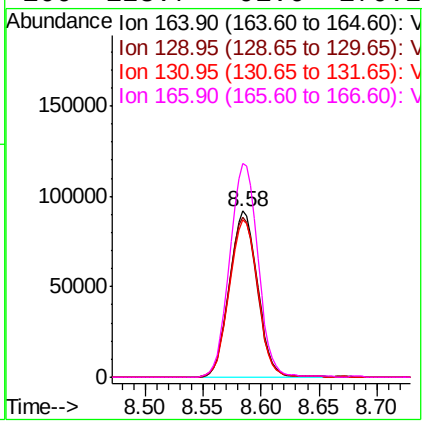




#47
Tetrachloroethene
Concen: 6.736 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035839.D
Acq: 25 Nov 2019 21:45

Tgt Ion:164 Resp: 153573

Ion	Ratio	Lower	Upper
164	100		
129	96.1	68.8	127.8
131	94.5	67.3	124.9
166	128.7	91.6	170.2



Instrument :
MSVOA_U
ClientSampleId :
GARF1

Manual Integrations APPROVED
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