Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120919\

Quantitation Report (Not Reviewed)

Data File : VU036054.D
Acq On : 09 Dec 2019 18:03
Operator : JC/MD
Sample : K6105-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFE32DL

Quant Time: Dec 10 01:51:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	266370	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	286973	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	98380	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	102763	4.33	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.60%			
7) Chloroethane-d5	1.93	69	114735	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.59	63	158947	3.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.20%			
20) 2-Butanone-d5	4.70	46	224131	55.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.80%			
24) Chloroform-d	5.11	84	173114	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.75	65	94562	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
32) Benzene-d6	5.77	84	345880	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.73	67	106744	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.93	98	291734	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
43) trans-1,3-Dichloropropene-	8.21	79	41060	4.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.00%			
46) 2-Hexanone-d5	8.68	63	182979	55.39	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.78%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96316	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	100102	5.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.80%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4375	0.170	ug/L #	80
12) 1,1-Dichloroethene	2.60	96	39969	1.725	ug/L #	23
13) Acetone	2.68	43	8951	1.743	ug/L	91
16) Methylene chloride	3.08	84	11026	0.410	ug/L	94
17) Methyl tert-butyl Ether	3.42	73	5165	0.129	ug/L #	91
19) 1,1-Dichloroethane	3.92	63	17781	0.501	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	48495	2.336	ug/L	98
29) 1,1,1-Trichloroethane	5.37	97	22267	0.688	ug/L	94
31) Carbon tetrachloride	5.36	117	3019	0.103	ug/L	91
34) Trichloroethene	6.58	95	110313	5.297	ug/L	93
35) Methylcyclohexane	6.73	83	24851	0.889	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11617	0.590	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2668	0.100	ug/L #	31
47) Tetrachloroethene	8.58	164	234530	11.846	ug/L	98
49) Dibromochloromethane	8.58	129	204731	9.957	ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	10413	0.740	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120919\

Quantitation Report (Not Reviewed)

Data File : VU036054.D
Acq On : 09 Dec 2019 18:03
Operator : JC/MD
Sample : K6105-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFE32DL

Quant Time: Dec 10 01:51:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120919\

Quantitation Report (Not Reviewed)

Data File : VU036054.D
Acq On : 09 Dec 2019 18:03
Operator : JC/MD
Sample : K6105-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
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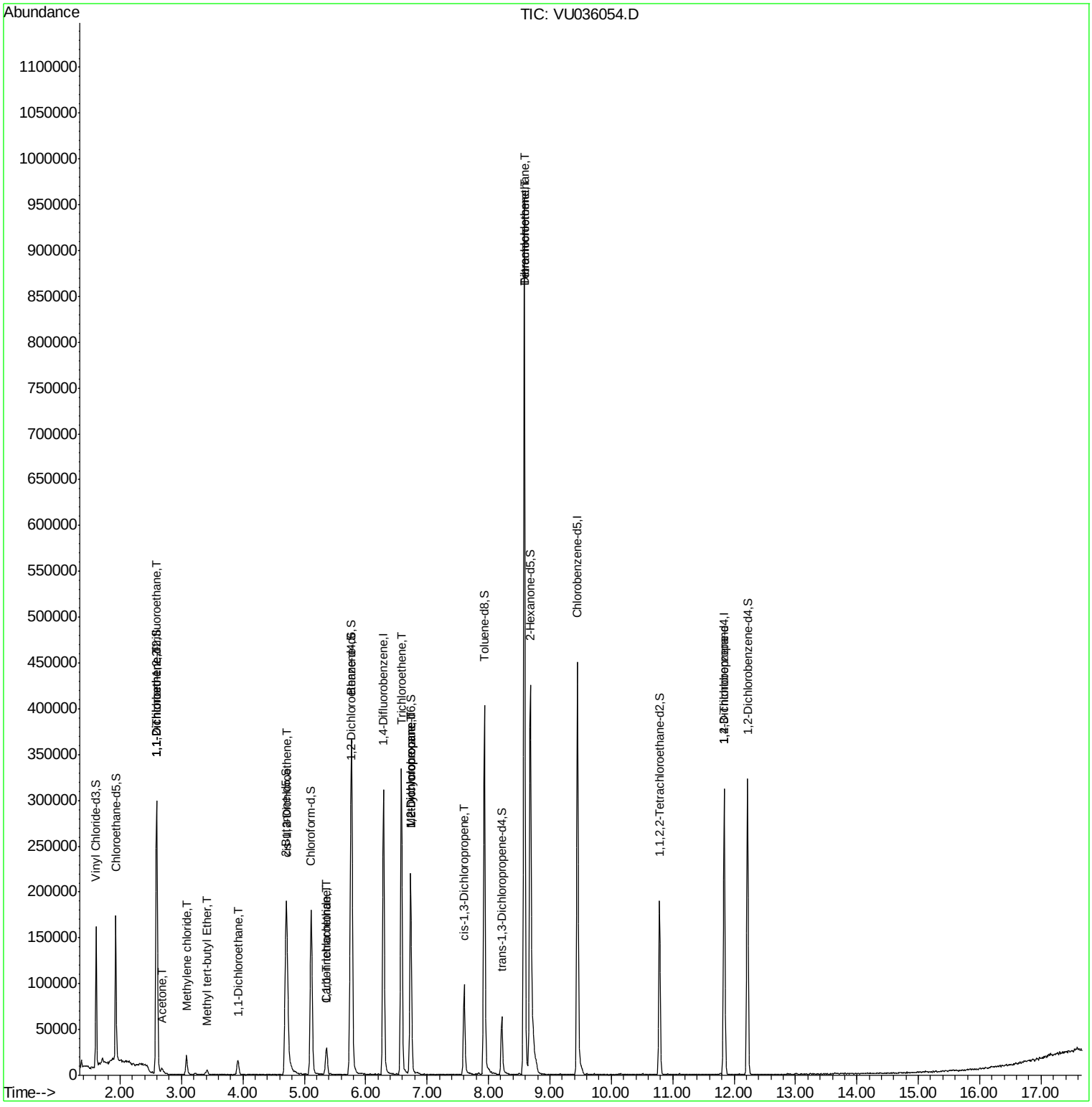
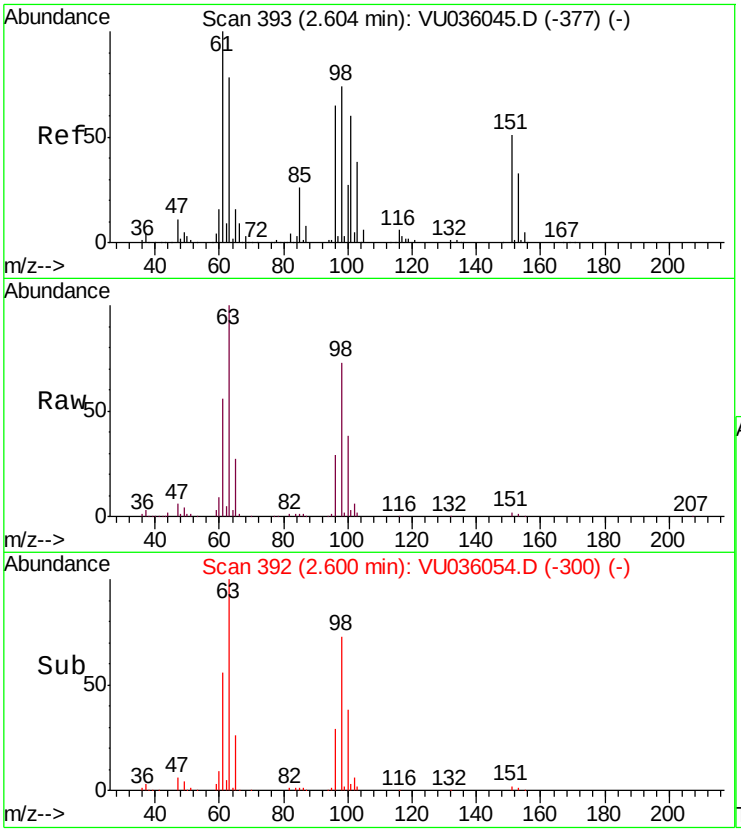
Quant Time: Dec 10 01:51:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration



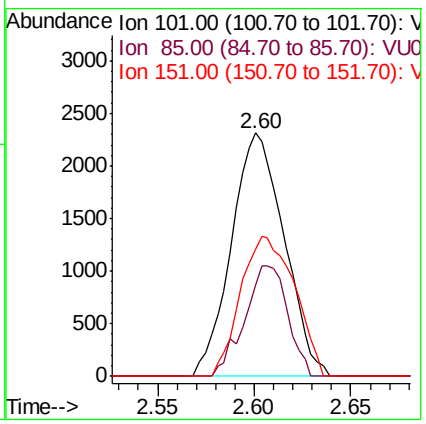


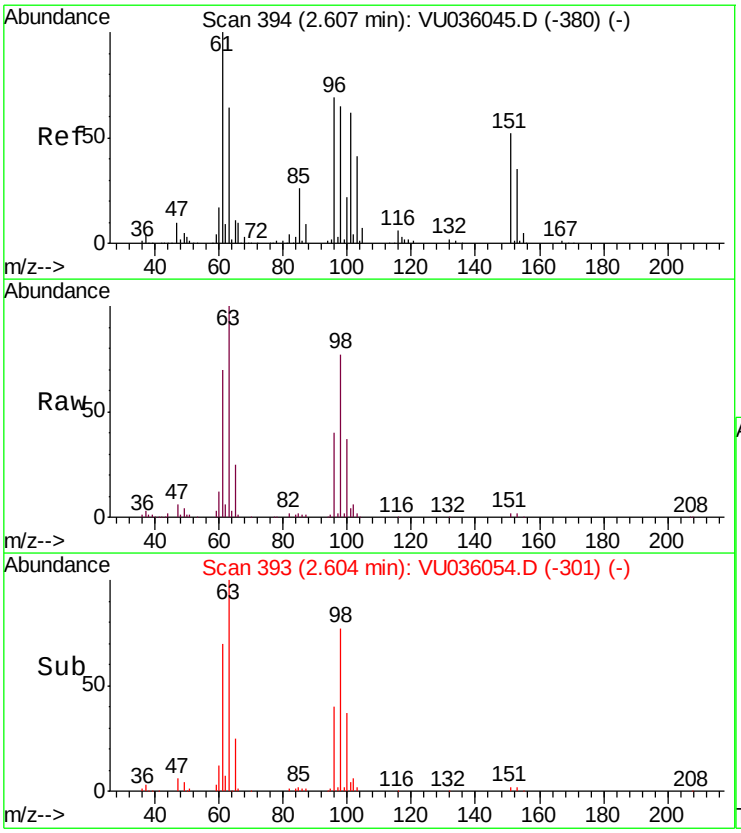
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.170 ug/L
RT: 2.60 min Scan# 392
Delta R.T. -0.00 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Instrument : MSVOA_U
ClientSampleId : BFE32DL

Tgt Ion:101 Resp: 4375

Ion	Ratio	Lower	Upper
101	100		
85	37.1	33.1	49.7
151	58.9	66.5	99.7#

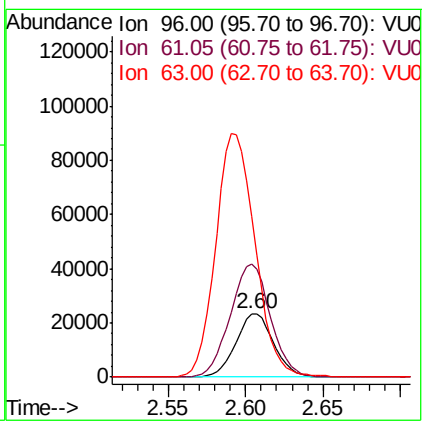


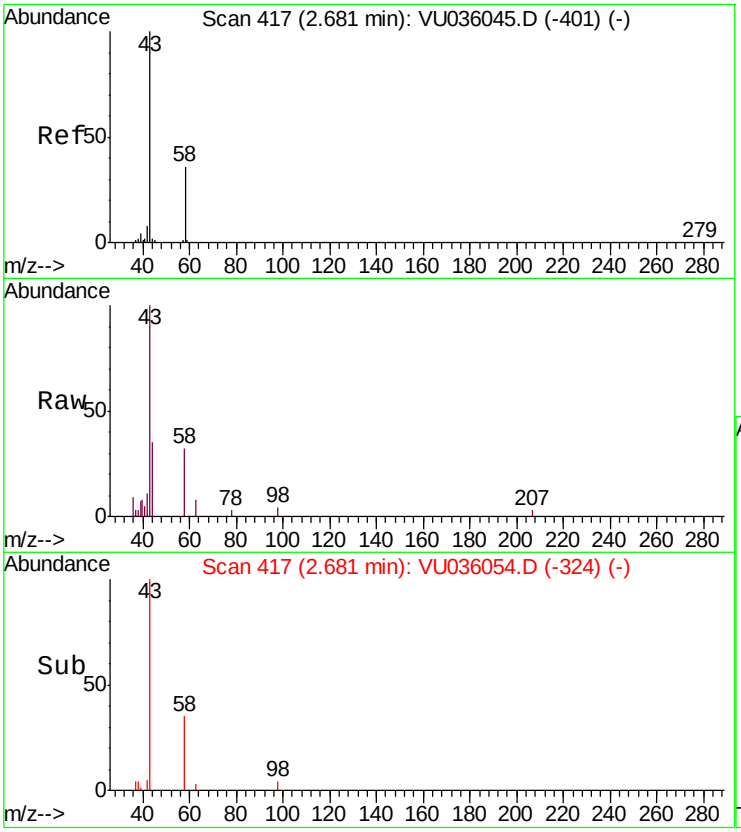


#12
1,1-Dichloroethene
Concen: 1.725 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Tgt Ion: 96 Resp: 39969

Ion	Ratio	Lower	Upper
96	100		
61	176.8	104.3	193.7
63	252.0	65.6	121.8#



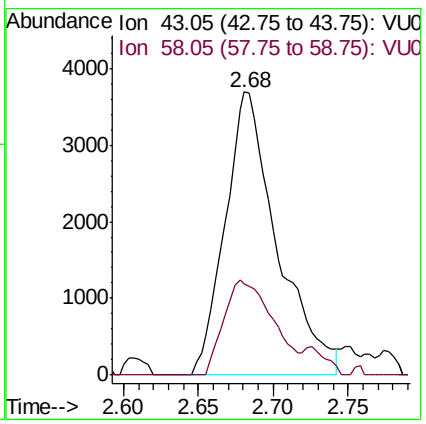


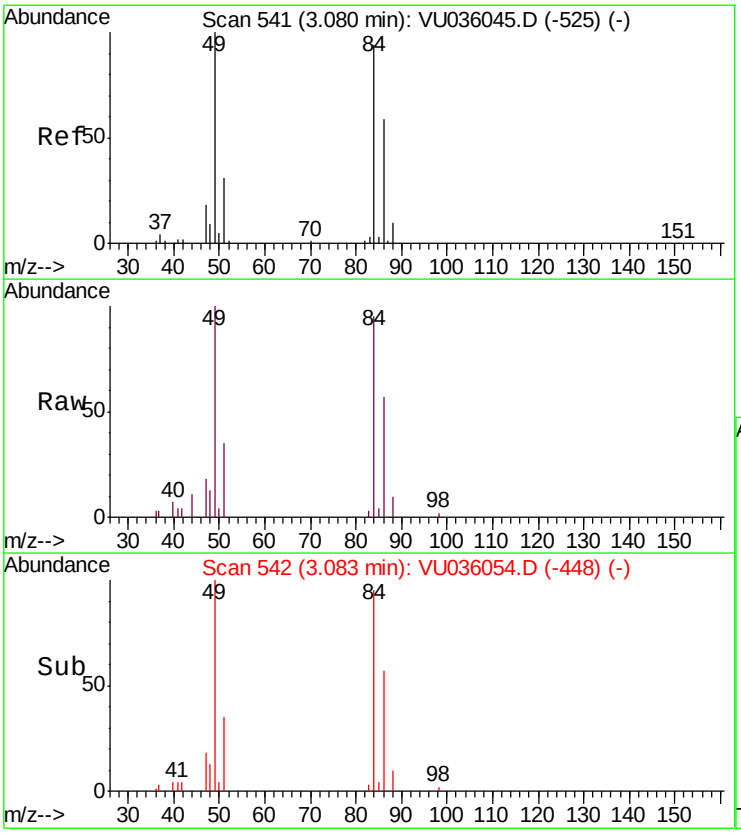
#13
Acetone
Concen: 1.743 ug/L
RT: 2.68 min Scan# 417
Delta R.T. -0.00 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
BFE32DL

Tgt Ion: 43 Resp: 8951

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	74.2

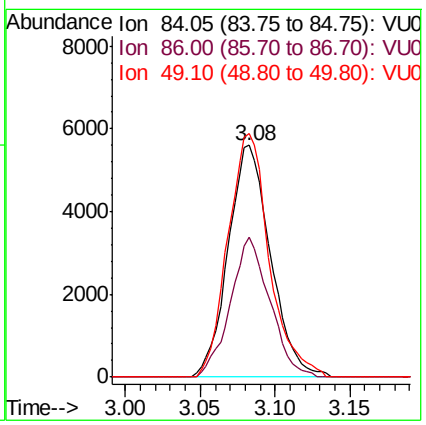


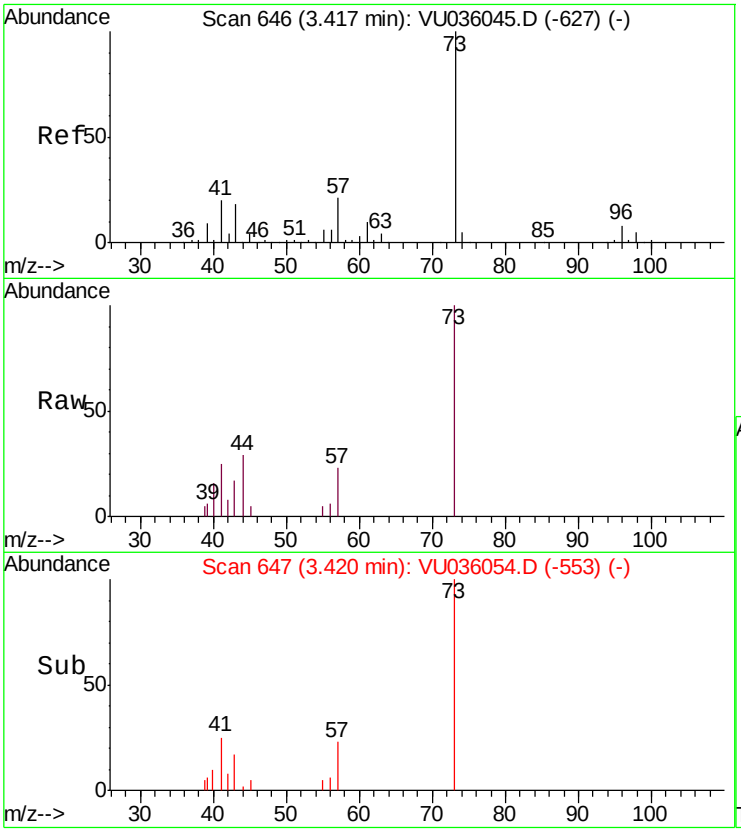


#16
Methylene chloride
Concen: 0.410 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Tgt Ion: 84 Resp: 11026

Ion	Ratio	Lower	Upper
84	100		
86	60.2	47.5	88.3
49	105.1	76.9	142.9



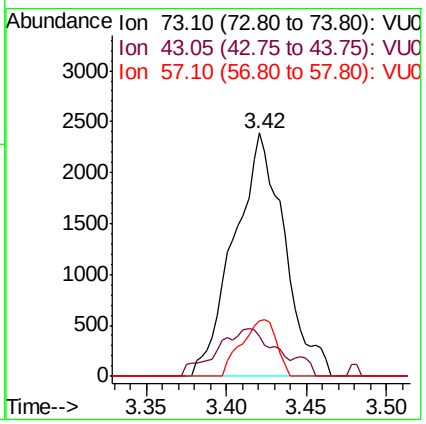


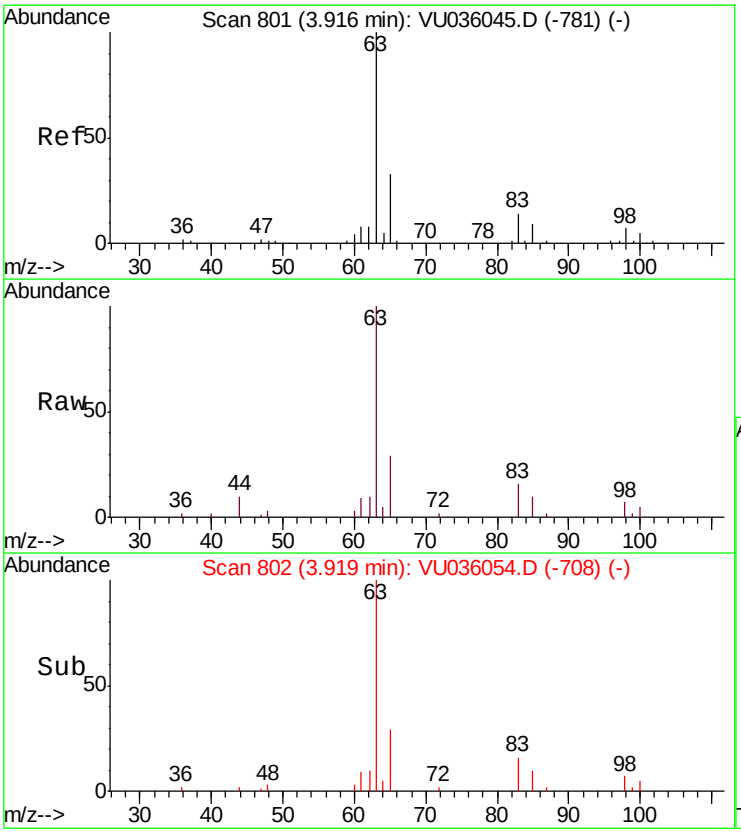
#17
Methyl tert-butyl Ether
Concen: 0.129 ug/L
RT: 3.42 min Scan# 647
Delta R.T. 0.00 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
BFE32DL

Tgt Ion: 73 Resp: 5165

Ion	Ratio	Lower	Upper
73	100		
43	21.8	15.6	23.4
57	16.0	17.4	26.2#

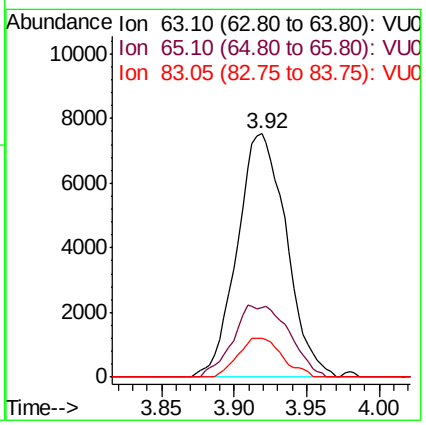


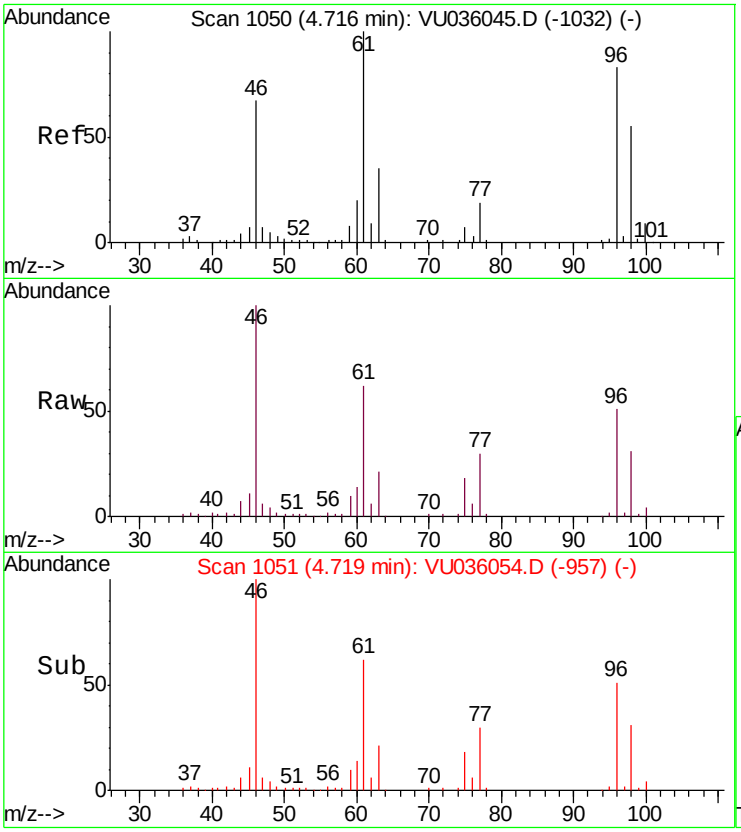


#19
1,1-Dichloroethane
Concen: 0.501 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Tgt Ion: 63 Resp: 17781

Ion	Ratio	Lower	Upper
63	100		
65	28.6	21.8	40.4
83	15.9	10.1	18.9



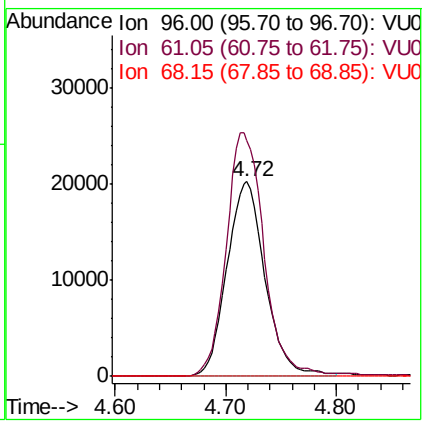


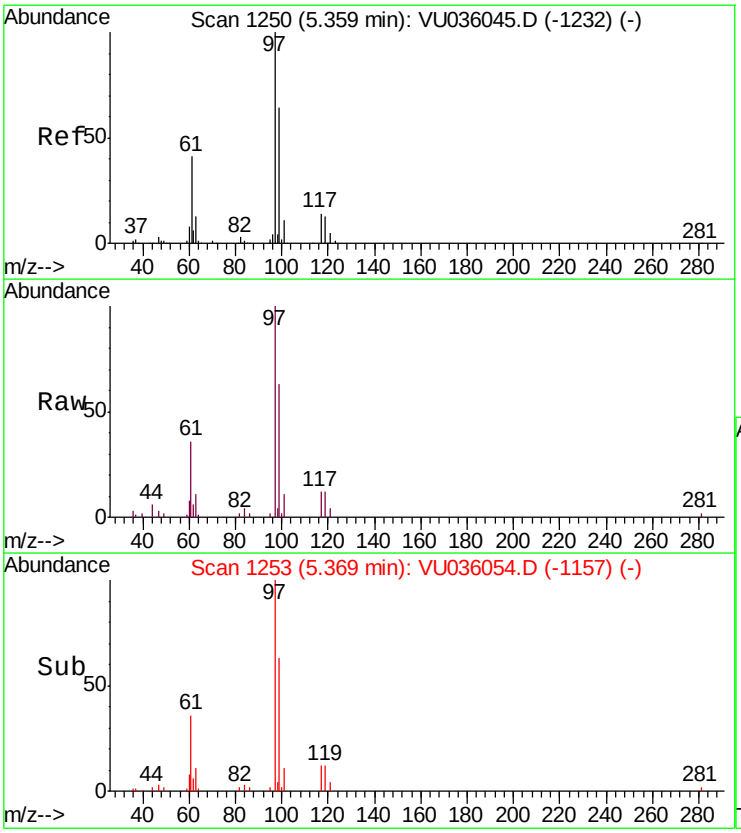
#22
cis-1,2-Dichloroethene
Concen: 2.336 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
BFE32DL

Tgt Ion: 96 Resp: 48495

Ion	Ratio	Lower	Upper
96	100		
61	121.3	83.0	154.2
68	0.0	0.0	0.0

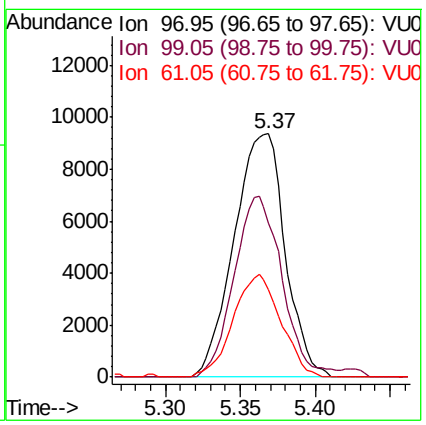


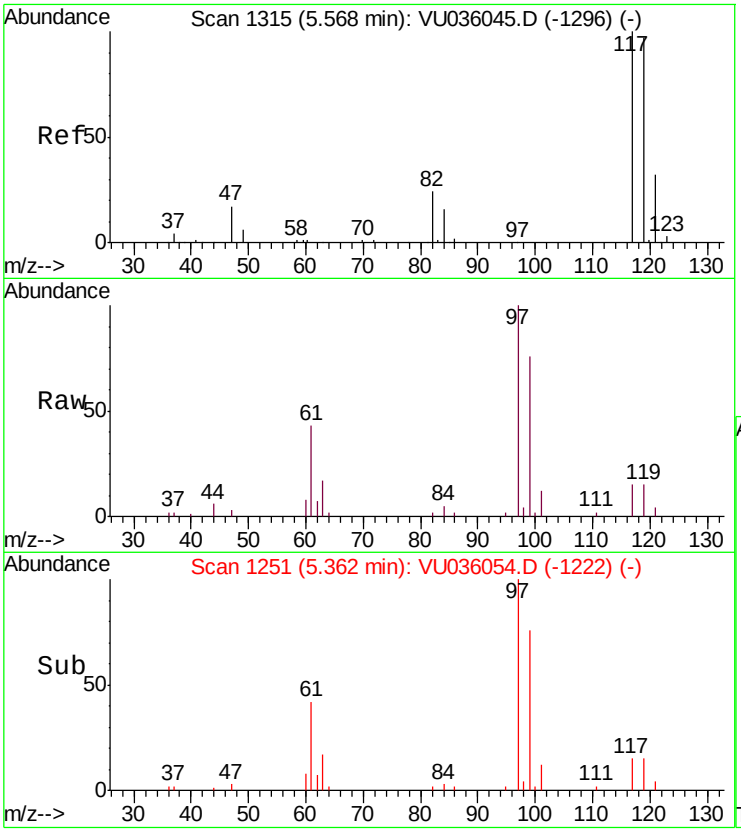


#29
1,1,1-Trichloroethane
Concen: 0.688 ug/L
RT: 5.37 min Scan# 1253
Delta R.T. 0.01 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Tgt Ion: 97 Resp: 22267

Ion	Ratio	Lower	Upper
97	100		
99	70.0	52.2	78.2
61	39.1	34.7	52.1



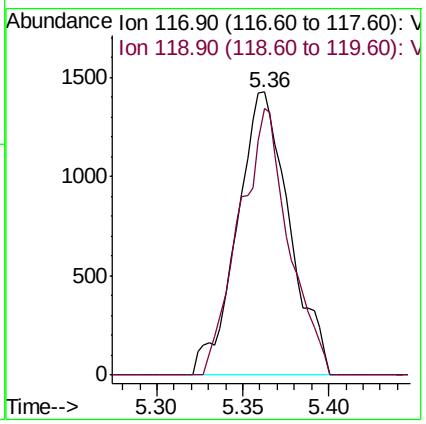


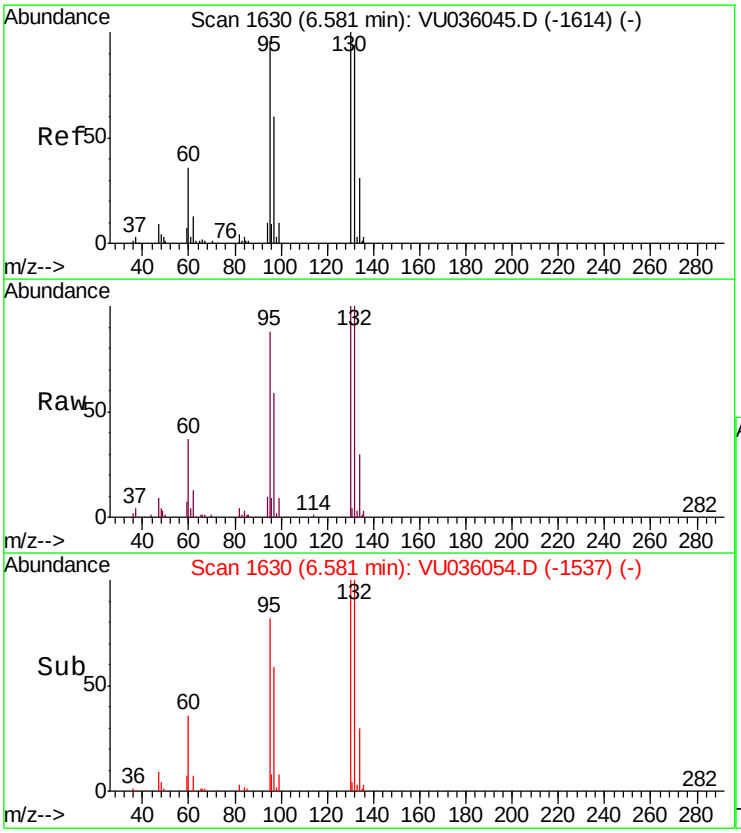
#31
Carbon tetrachloride
Concen: 0.103 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. -0.21 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
BFE32DL

Tgt Ion:117 Resp: 3019

Ion	Ratio	Lower	Upper
117	100		
119	89.3	78.2	117.4

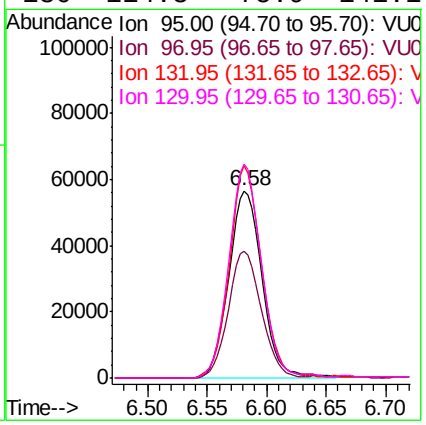


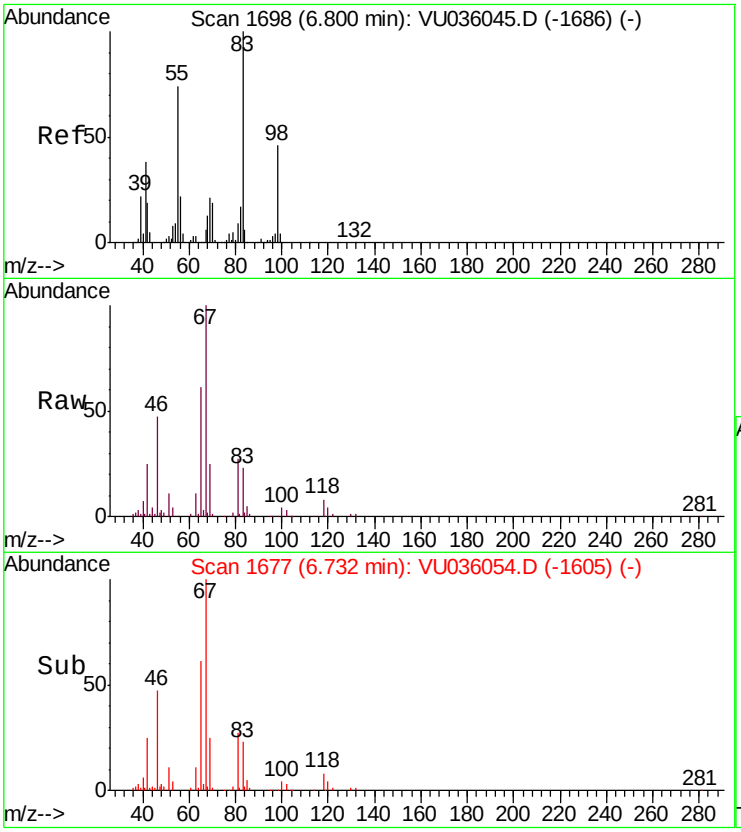


#34
Trichloroethene
Concen: 5.297 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Tgt Ion: 95 Resp: 110313

Ion	Ratio	Lower	Upper
95	100		
97	67.7	44.4	82.4
132	113.9	73.4	136.4
130	114.3	75.9	141.1



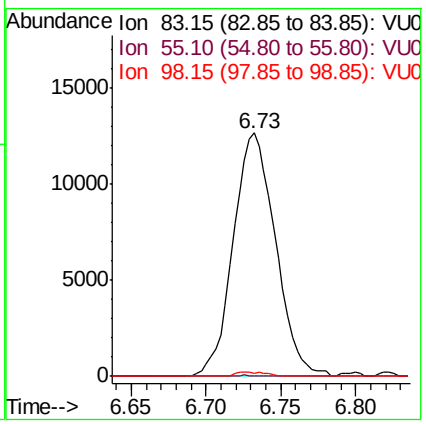


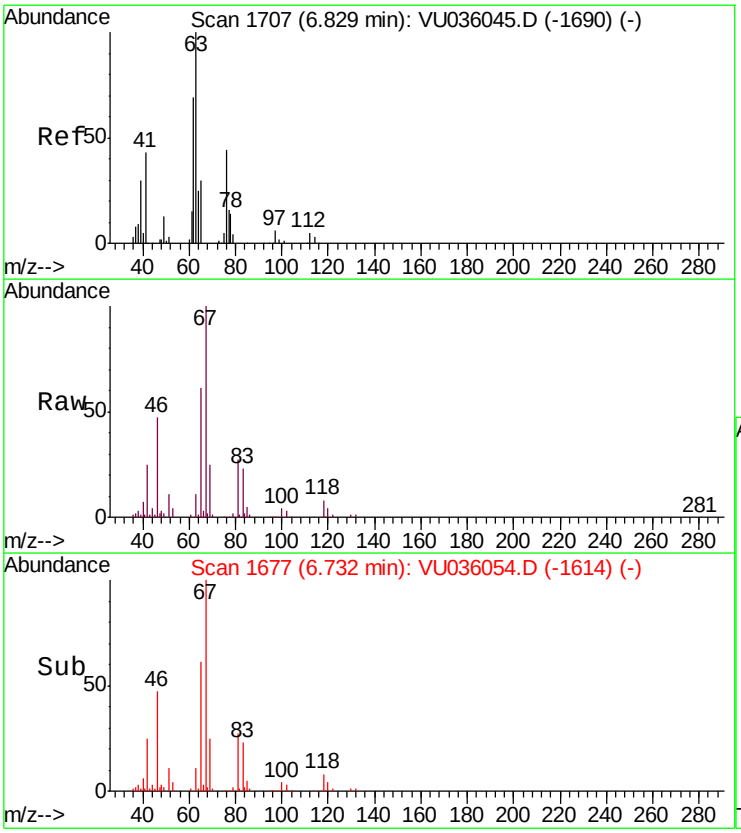
#35
Methylcyclohexane
Concen: 0.889 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
BFE32DL

Tgt Ion: 83 Resp: 24851

Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.1	93.1#
98	1.3	37.0	55.4#

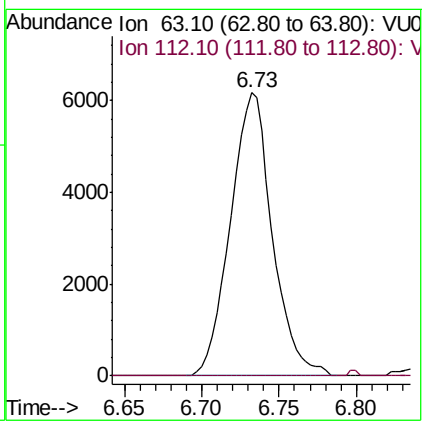


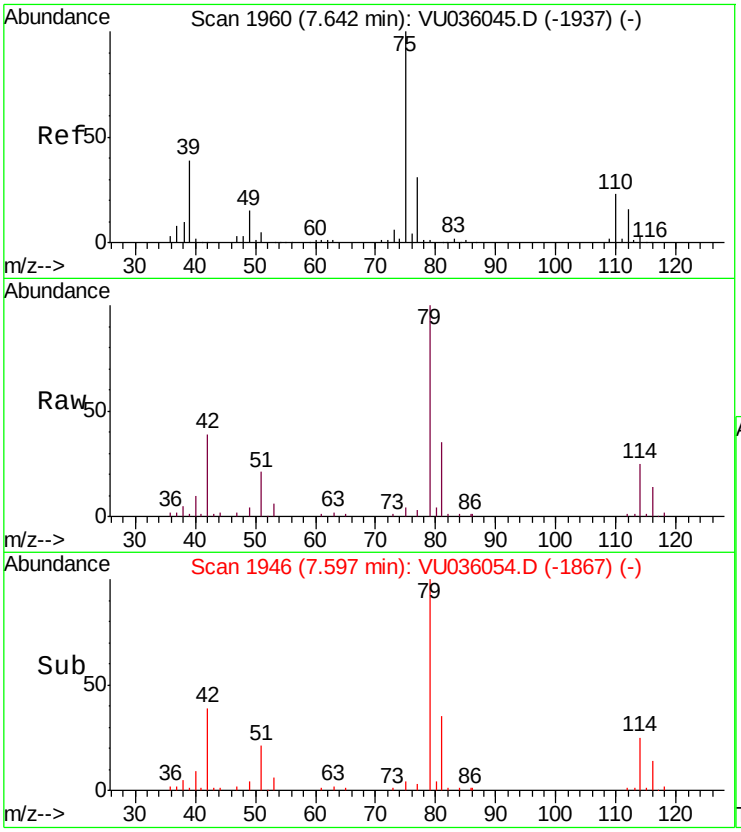


#37
1,2-Dichloropropane
Concen: 0.590 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Tgt Ion: 63 Resp: 11617

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.8#



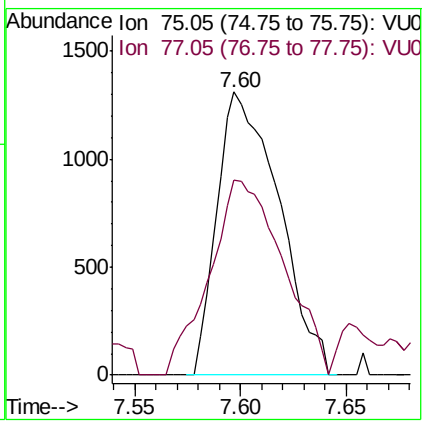


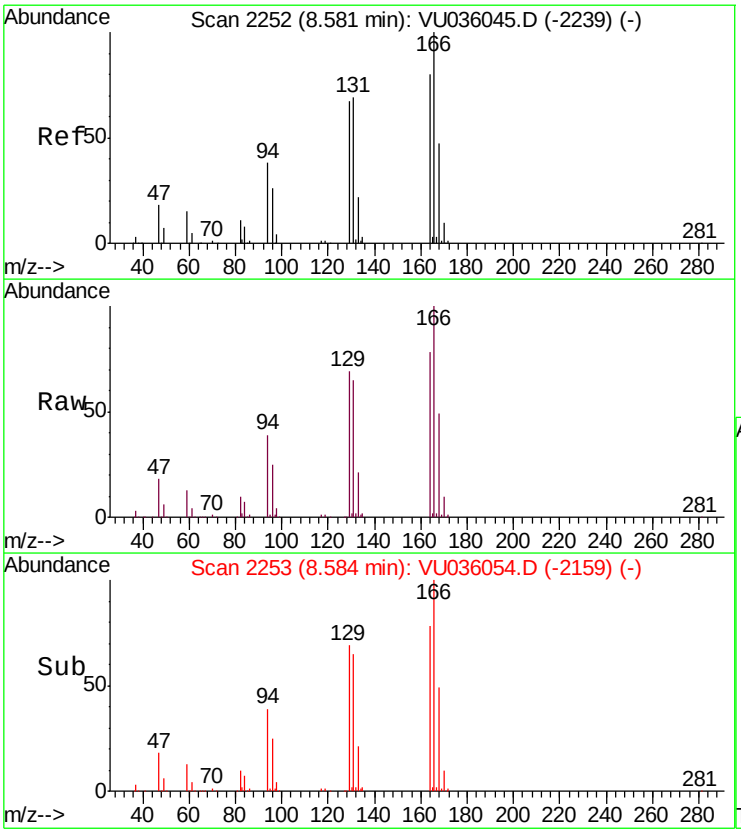
#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.05 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Instrument : MSVOA_U
ClientSampleId : BFE32DL

Tgt Ion: 75 Resp: 2668

Ion	Ratio	Lower	Upper
75	100		
77	68.8	21.7	40.3#

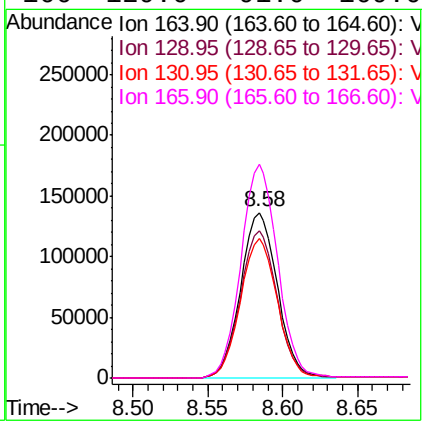


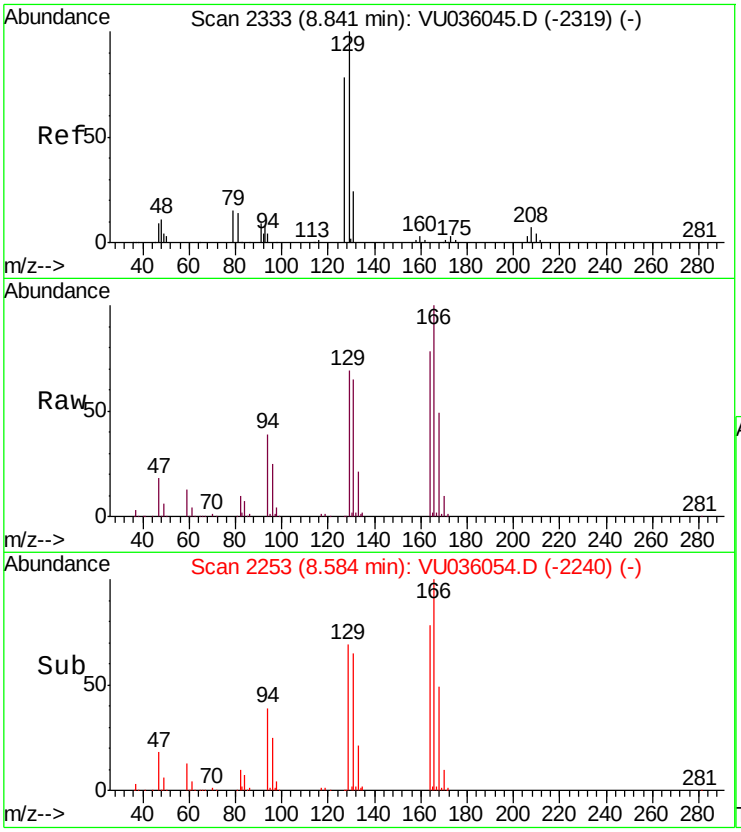


#47
Tetrachloroethene
Concen: 11.846 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Tgt Ion:164 Resp: 234530

Ion	Ratio	Lower	Upper
164	100		
129	89.3	63.1	117.3
131	84.0	61.5	114.1
166	129.0	91.0	169.0



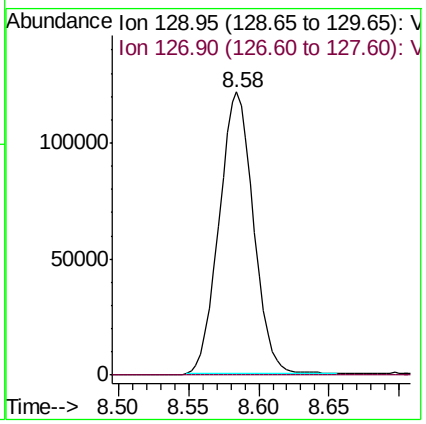


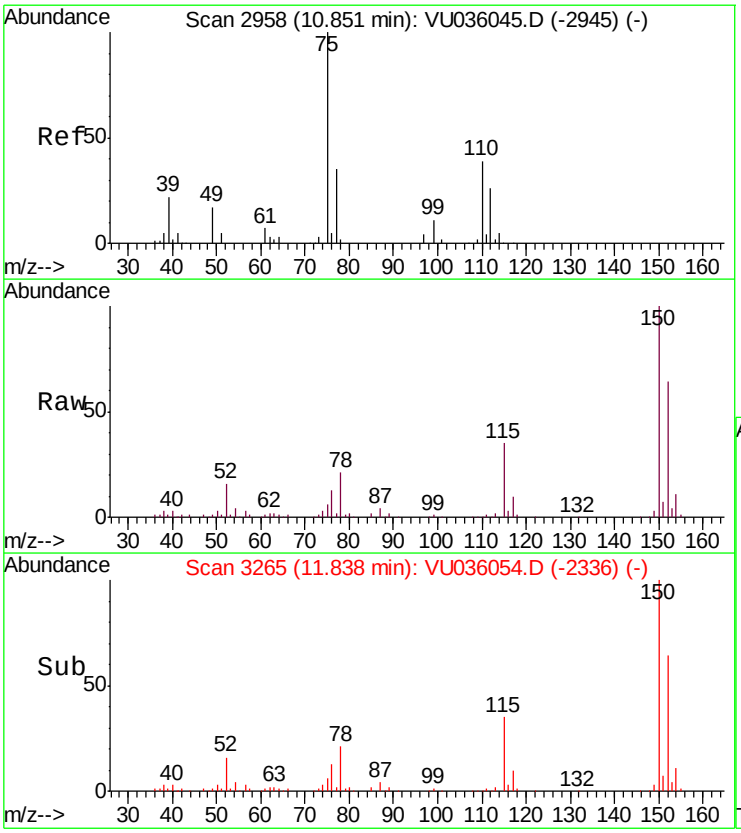
#49
Dibromochloromethane
Concen: 9.957 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Instrument : MSVOA_U
ClientSampleId : BFE32DL

Tgt Ion:129 Resp: 204731

Ion	Ratio	Lower	Upper
129	100		
127	0.2	52.5	97.5#





#59
1,2,3-Trichloropropane
Concen: 0.740 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU036054.D
Acq: 09 Dec 2019 18:03

Tgt Ion: 75 Resp: 10413

Ion	Ratio	Lower	Upper
75	100		
77	35.3	26.7	40.1