Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\

Quantitation Report (Not Reviewed)

Data File : VU036736.D
Acq On : 11 Feb 2020 21:39
Operator : JC/MD
Sample : K1490-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B73

Quant Time: Feb 12 08:17:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 12 08:13:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	114678	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	109062	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45336	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	53091	5.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.60%			
7) Chloroethane-d5	1.93	69	47073	5.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.00%			
11) 1,1-Dichloroethene-d2	2.59	63	69093	4.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.80%			
20) 2-Butanone-d5	4.70	46	122334	59.15	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.30%			
24) Chloroform-d	5.11	84	80764	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
26) 1,2-Dichloroethane-d4	5.75	65	47896	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.80%			
32) Benzene-d6	5.77	84	178476	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.60%			
36) 1,2-Dichloropropane-d6	6.73	67	56824	5.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.00%			
41) Toluene-d8	7.93	98	162454	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
43) trans-1,3-Dichloropropene-	8.21	79	20169	4.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.60%			
46) 2-Hexanone-d5	8.67	63	104210	55.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.58%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43473	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.80%			
64) 1,2-Dichlorobenzene-d4	12.21	152	50834	5.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.20%			
Target Compounds						Qvalue
8) Chloroethane	1.88	64	1851	0.288	ug/L #	53
12) 1,1-Dichloroethene	2.60	96	524	0.075	ug/L #	1
35) Methylcyclohexane	6.73	83	12500	0.919	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	6000	0.653	ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1538	0.116	ug/L #	55
42) Toluene	8.00	91	5229	0.145	ug/L	92
47) Tetrachloroethene	8.58	164	663	0.114	ug/L	80
48) 2-Hexanone	8.67	43	12090	2.384	ug/L #	70
49) Dibromochloromethane	8.58	129	660	0.100	ug/L #	9
53) m,p-Xylene	9.72	106	1216	0.082	ug/L	94
59) 1,2,3-Trichloropropane	11.83	75	7074	1.166	ug/L	96

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

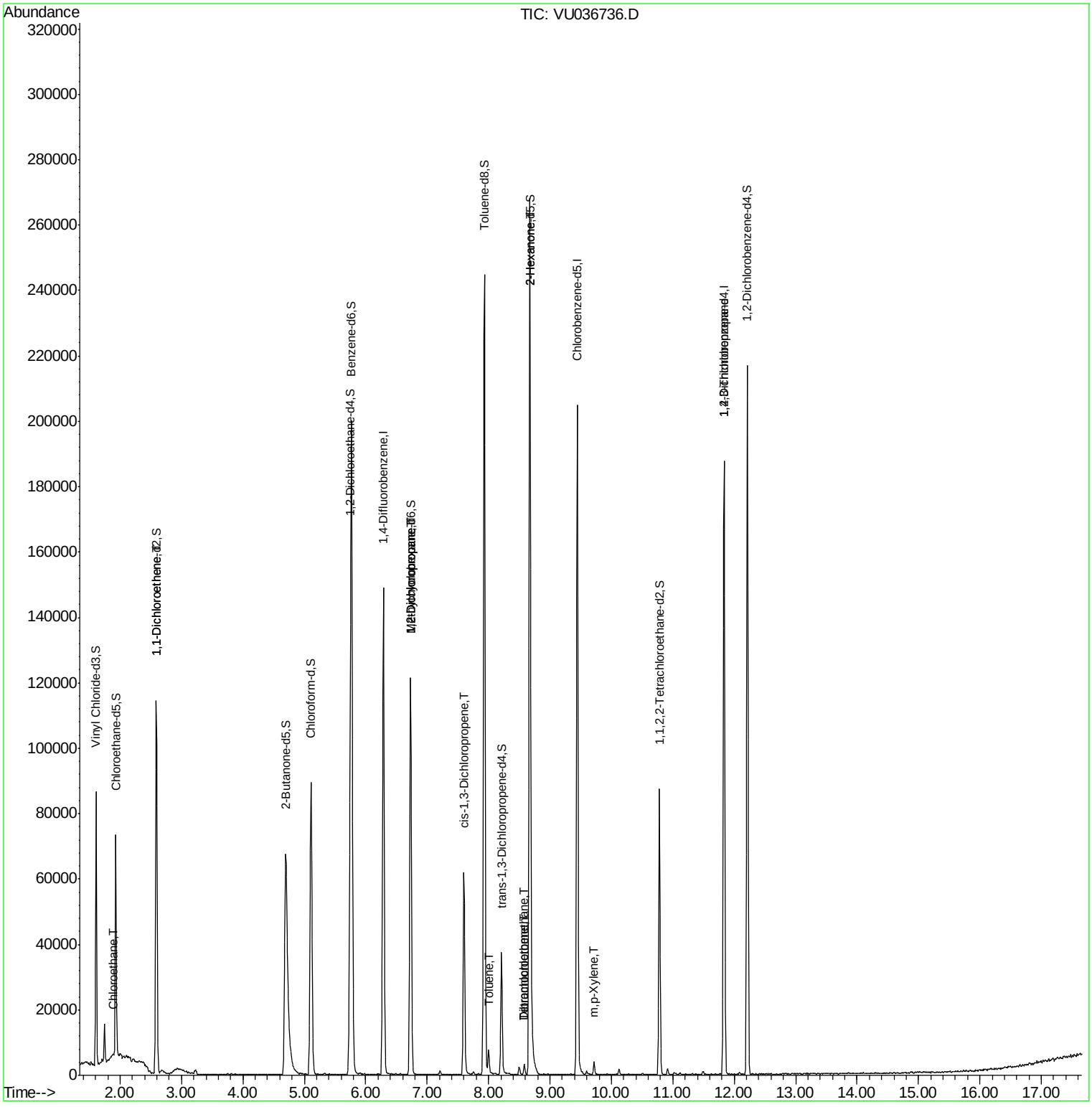
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\

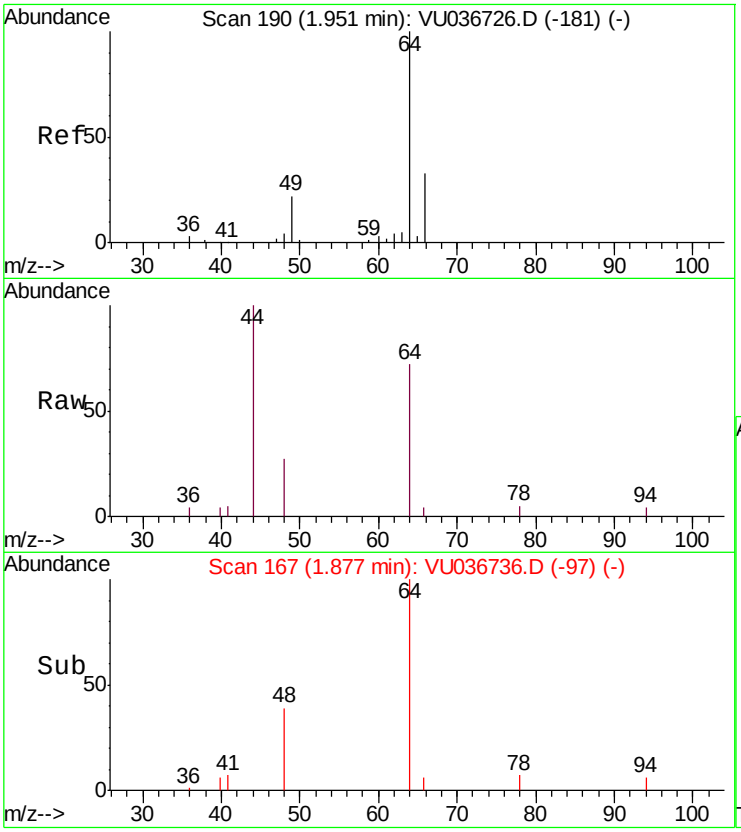
Quantitation Report (Not Reviewed)

Data File : VU036736.D
Acq On : 11 Feb 2020 21:39
Operator : JC/MD
Sample : K1490-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B73

Quant Time: Feb 12 08:17:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 12 08:13:11 2020
Response via : Initial Calibration



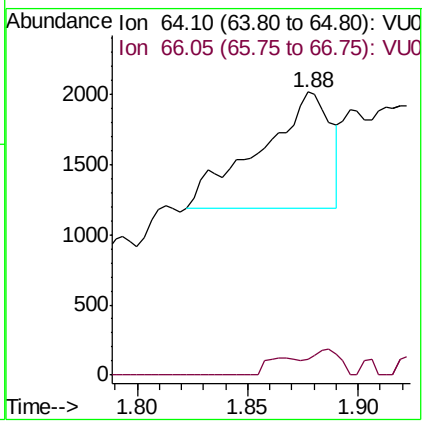


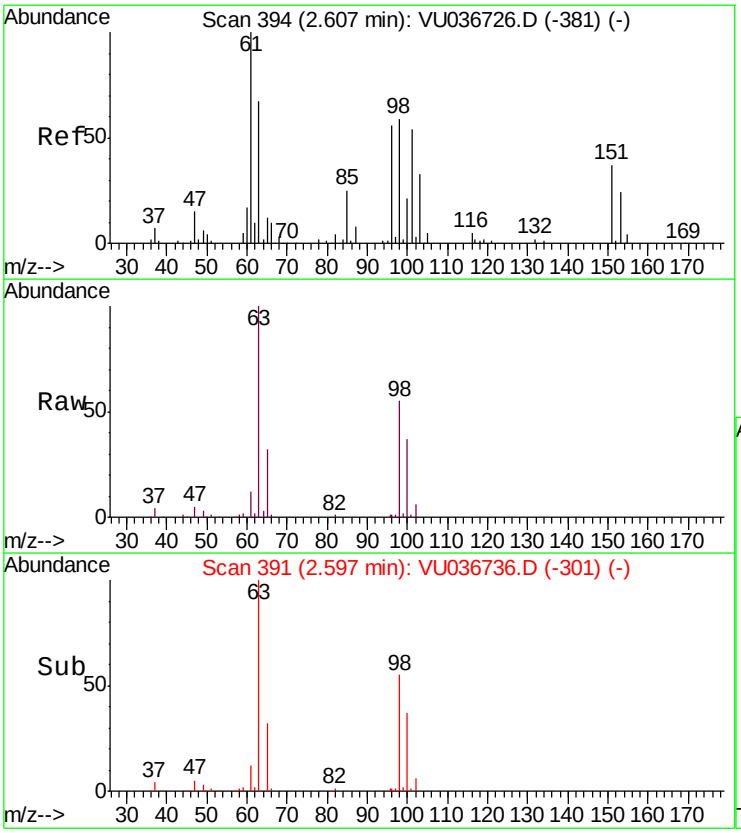
#8
Chloroethane
Concen: 0.288 ug/L
RT: 1.88 min Scan# 167
Delta R.T. -0.07 min
Lab File: VU036736.D
Acq: 11 Feb 2020 21:39

Instrument : MSVOA_U
ClientSampleId : C0B73

Tgt Ion: 64 Resp: 1851

Ion	Ratio	Lower	Upper
64	100		
66	5.4	21.8	40.6#

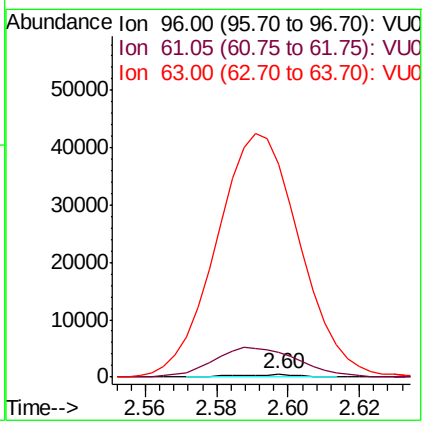


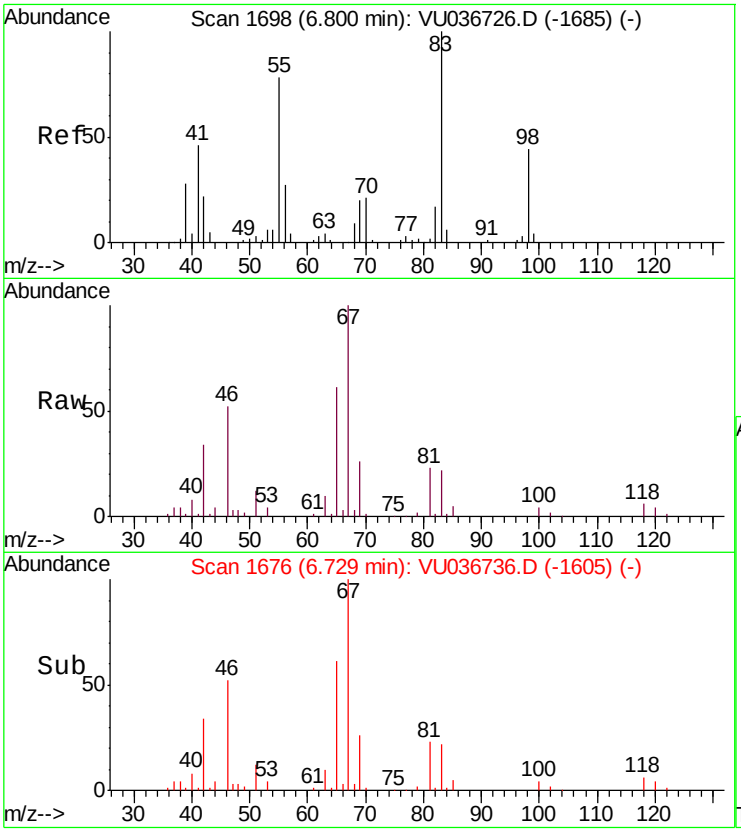


#12
1,1-Dichloroethene
Concen: 0.075 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU036736.D
Acq: 11 Feb 2020 21:39

Tgt Ion: 96 Resp: 524

Ion	Ratio	Lower	Upper
96	100		
61	778.5	126.4	234.8#
63	6713.4	89.5	166.3#



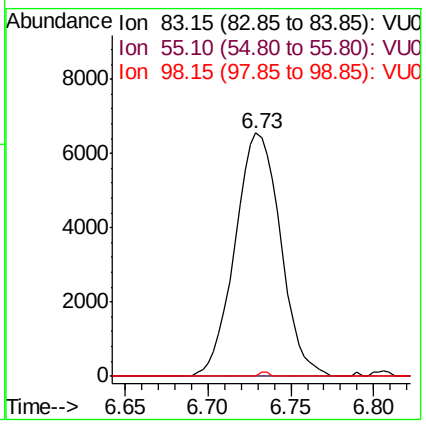


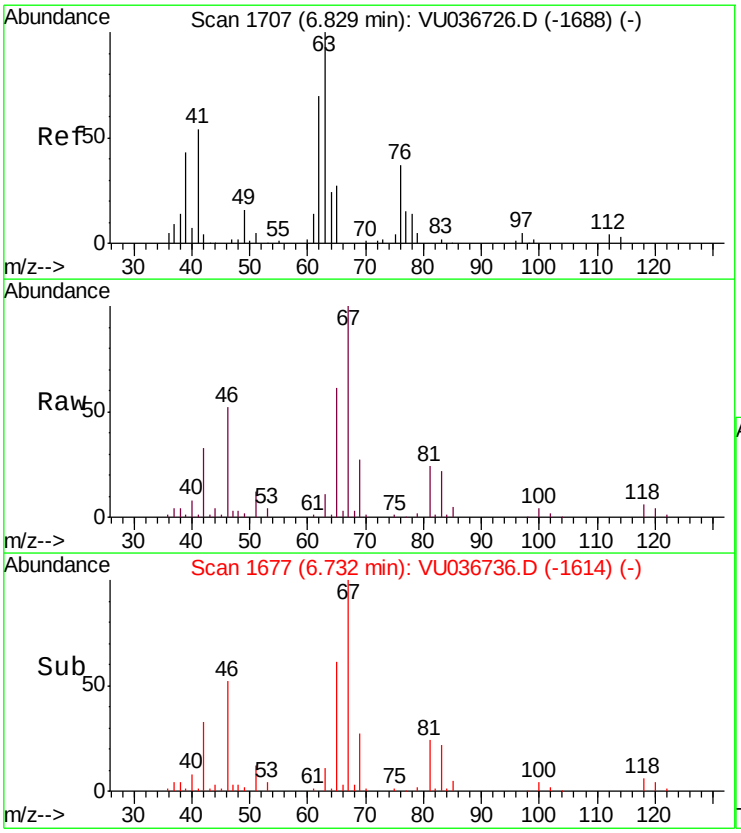
#35
Methylcyclohexane
Concen: 0.919 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036736.D
Acq: 11 Feb 2020 21:39

Instrument : MSVOA_U
ClientSampleId : C0B73

Tgt Ion: 83 Resp: 12500

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	0.3	34.2	51.4#

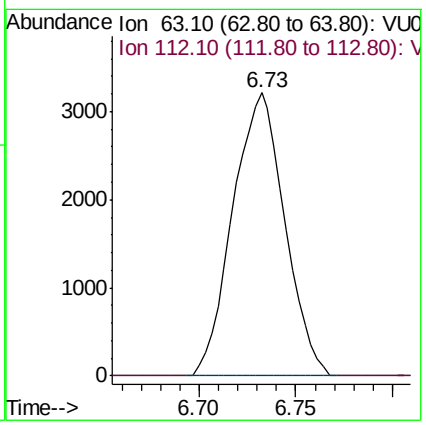


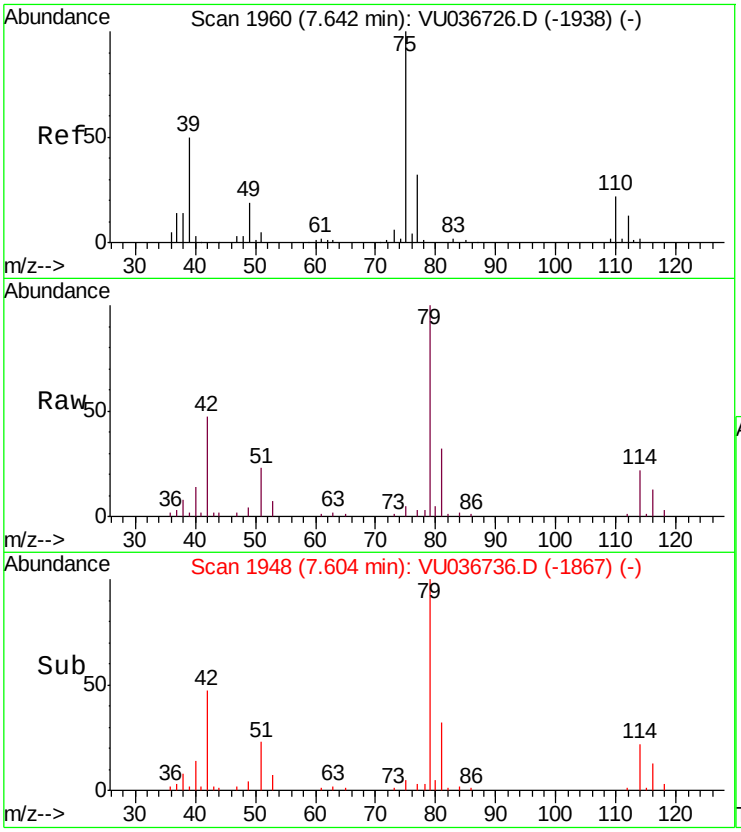


#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036736.D
Acq: 11 Feb 2020 21:39

Tgt Ion: 63 Resp: 6000

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



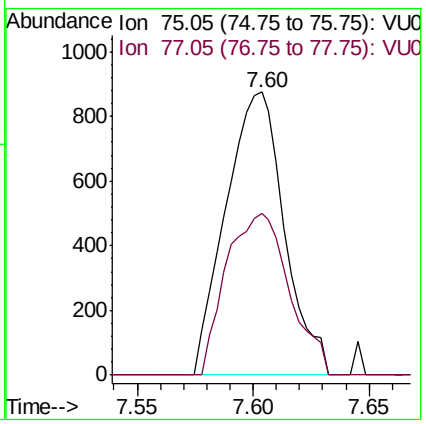


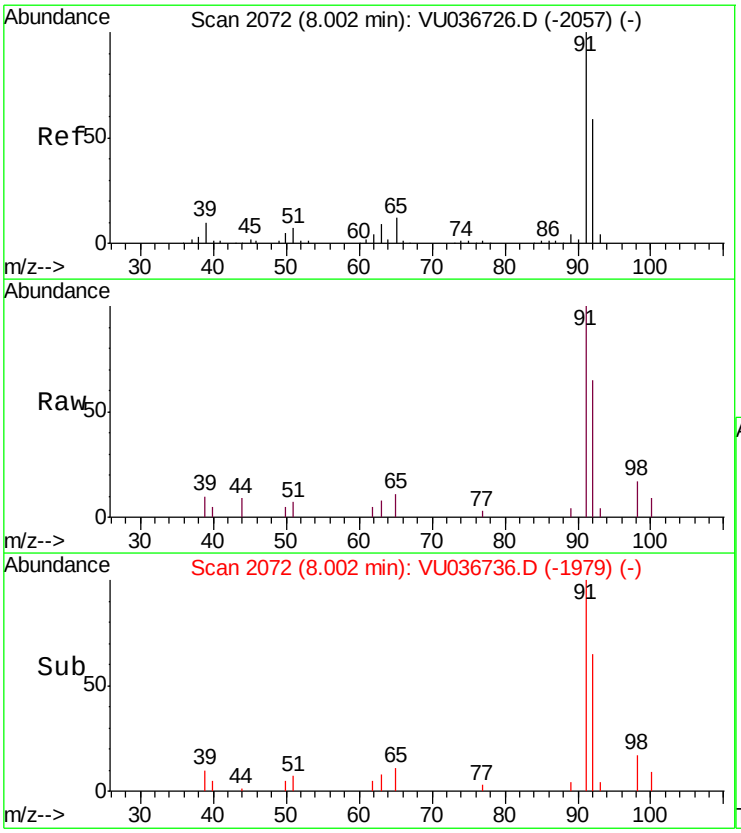
#39
cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU036736.D
Acq: 11 Feb 2020 21:39

Instrument : MSVOA_U
ClientSampleId : C0B73

Tgt Ion: 75 Resp: 1538

Ion	Ratio	Lower	Upper
75	100		
77	57.4	22.5	41.9#

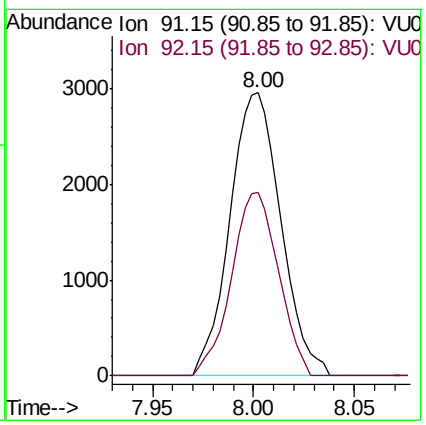


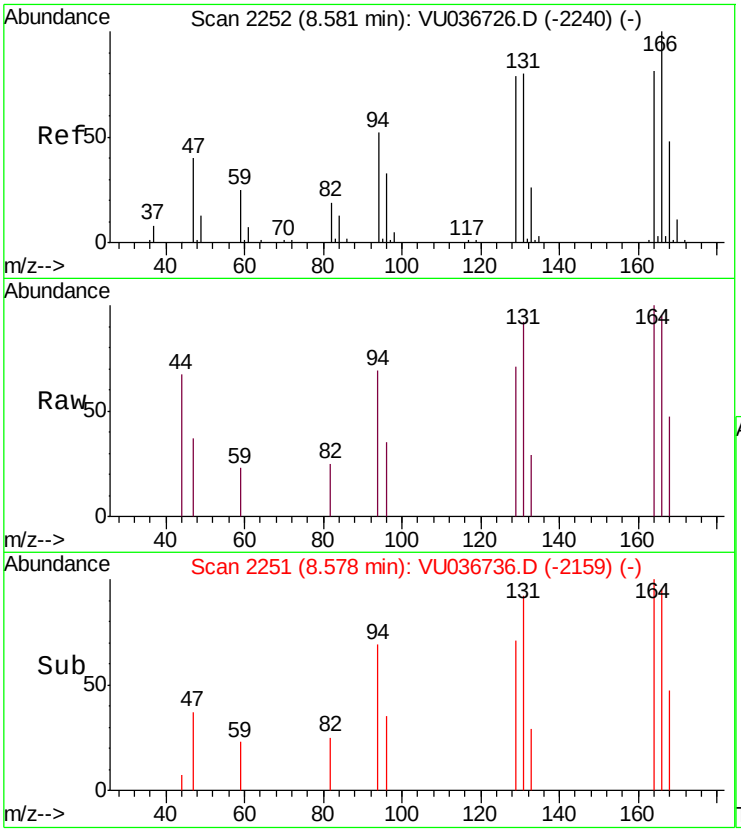


#42
Toluene
Concen: 0.145 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036736.D
Acq: 11 Feb 2020 21:39

Tgt Ion: 91 Resp: 5229

Ion	Ratio	Lower	Upper
91	100		
92	64.9	41.2	76.4



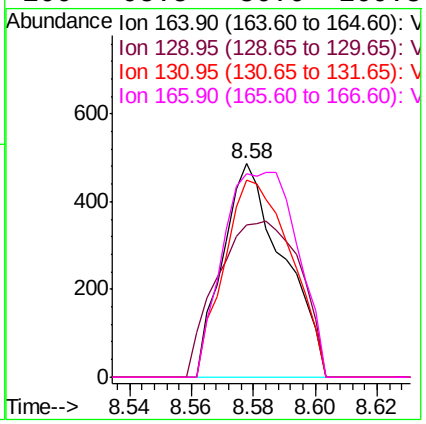


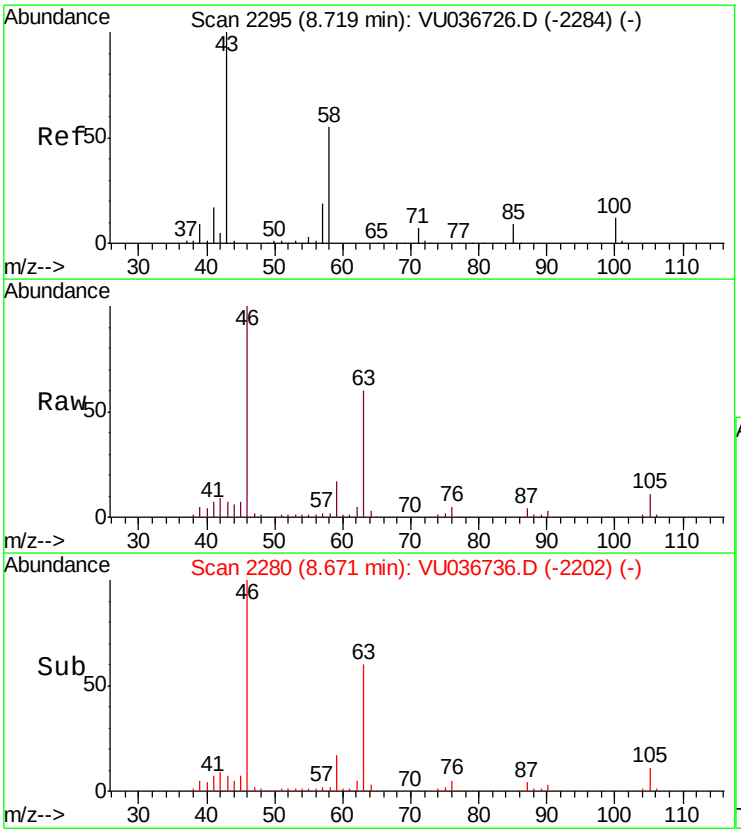
#47
Tetrachloroethene
Concen: 0.114 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.00 min
Lab File: VU036736.D
Acq: 11 Feb 2020 21:39

Instrument : MSVOA_U
ClientSampleId : C0B73

Tgt Ion:164 Resp: 663

Ion	Ratio	Lower	Upper
164	100		
129	71.3	68.0	126.4
131	92.2	69.4	128.8
166	95.5	86.6	160.8

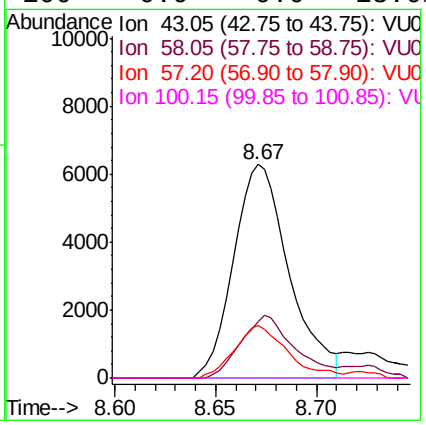


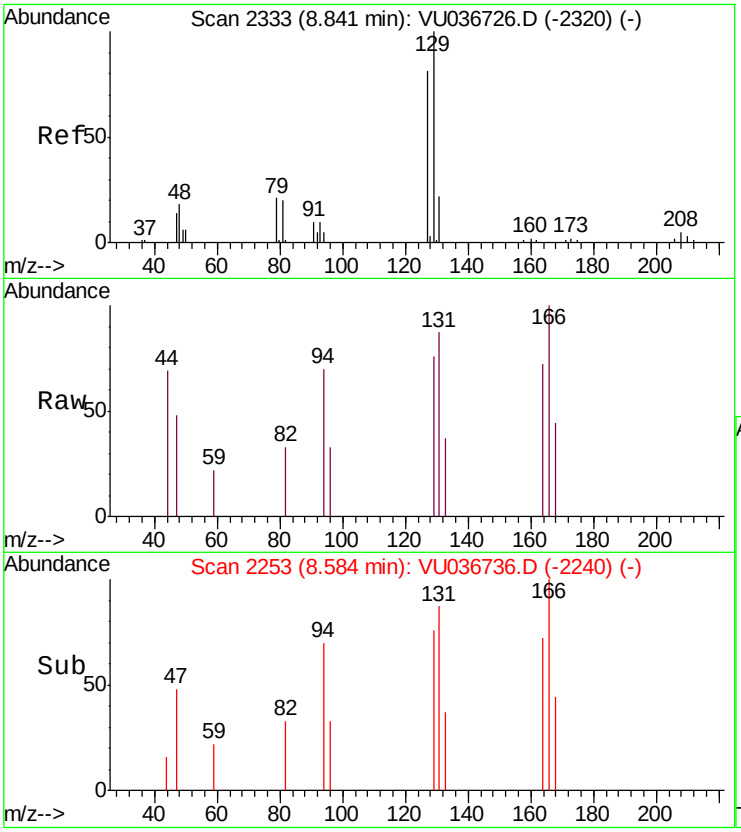


#48
2-Hexanone
Concen: 2.384 ug/L
RT: 8.67 min Scan# 2280
Delta R.T. -0.05 min
Lab File: VU036736.D
Acq: 11 Feb 2020 21:39

Tgt Ion: 43 Resp: 12090

Ion	Ratio	Lower	Upper
43	100		
58	28.3	43.6	65.4#
57	23.2	15.0	22.4#
100	0.0	9.0	13.6#



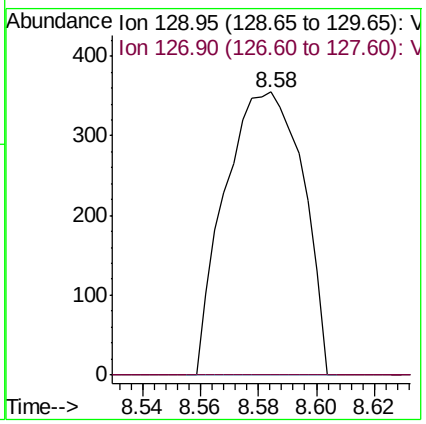


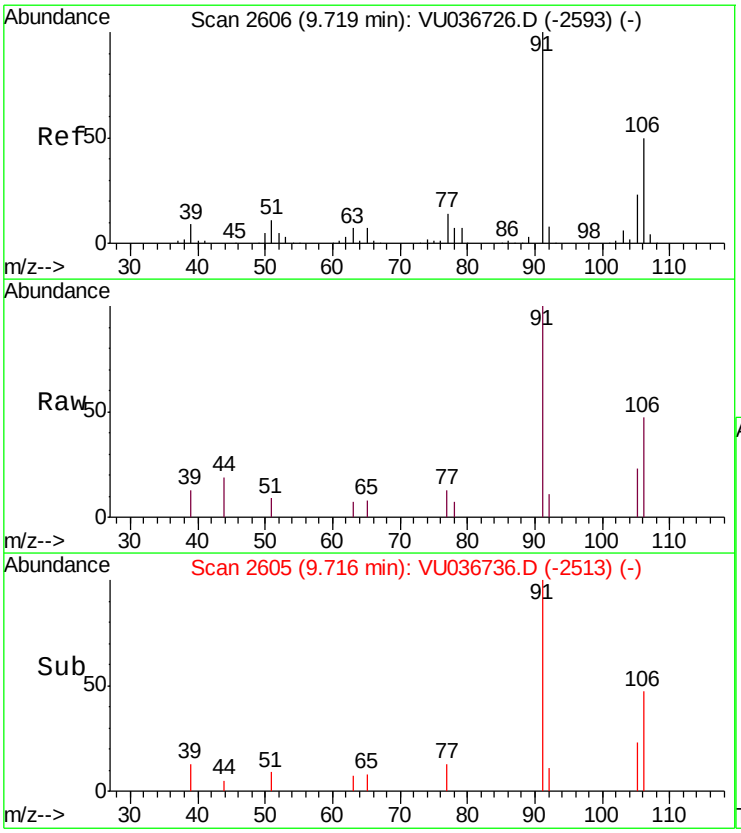
#49
Dibromochloromethane
Concen: 0.100 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU036736.D
Acq: 11 Feb 2020 21:39

Instrument : MSVOA_U
ClientSampleId : C0B73

Tgt Ion:129 Resp: 660

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.7	105.3#

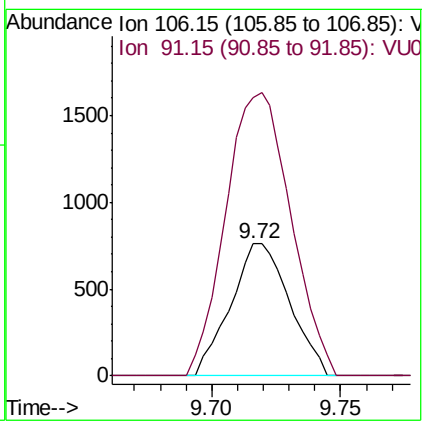


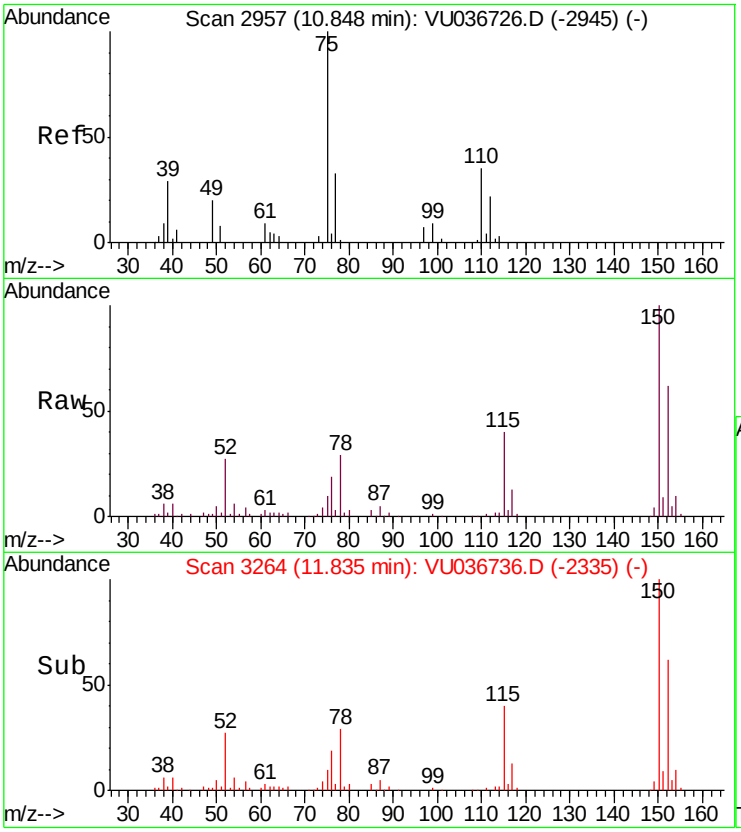


#53
m,p-Xylene
Concen: 0.082 ug/L
RT: 9.72 min Scan# 2605
Delta R.T. -0.00 min
Lab File: VU036736.D
Acq: 11 Feb 2020 21:39

Tgt Ion:106 Resp: 1216

Ion	Ratio	Lower	Upper
106	100		
91	210.9	141.1	262.0





#59
1,2,3-Trichloropropane
Concen: 1.166 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.99 min
Lab File: VU036736.D
Acq: 11 Feb 2020 21:39

Instrument :
MSVOA_U
ClientSampleId :
C0B73

Tgt Ion: 75 Resp: 7074

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.6	38.4