Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
Data File : VU038345.D
Acq On : 28 May 2020 15:08
Operator : JC/MD
Sample : L2756-05MS 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETKW8MS

Quant Time: May 29 04:33:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 29 04:31:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	544002	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	520821	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	254877	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	217148	63.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 127.18%			
7) Chloroethane-d5	1.93	69	164253	62.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 124.50%			
11) 1,1-Dichloroethene-d2	2.59	63	393508	56.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 112.76%			
21) 2-Butanone-d5	4.66	46	398331	122.77	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 122.77%			
24) Chloroform-d	5.10	84	390846	58.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.56%			
26) 1,2-Dichloroethane-d4	5.74	65	266142	57.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.82%			
32) Benzene-d6	5.76	84	825526	61.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.00%			
36) 1,2-Dichloropropane-d6	6.72	67	252286	60.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 120.28%#			
41) Toluene-d8	7.92	98	724167	60.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 121.08%#			
43) trans-1,3-Dichloropropene-	8.20	79	123582	59.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 118.34%			
47) 2-Hexanone-d5	8.66	63	289605	131.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 131.12%#			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	349004	56.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.44%			
64) 1,2-Dichlorobenzene-d4	12.21	152	286027	60.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 121.08%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3817	1.143	ug/L #	24
16) Methylene chloride	3.08	84	36160	9.541	ug/L	96
19) 1,1-Dichloroethane	3.91	63	44989	6.706	ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	712900	183.688	ug/L	97
27) 1,2-Dichloroethane	5.81	62	6042	1.082	ug/L #	74
30) 1,1,1-Trichloroethane	5.35	97	262956	46.431	ug/L	99
31) Carbon tetrachloride	5.35	117	33637	7.126	ug/L	98
33) Benzene	5.81	78	611209	41.784	ug/L	100
34) Trichloroethene	6.57	95	151988	40.611	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	15869	2.630	ug/L	97
42) Toluene	8.00	91	1088837	70.902	ug/L	99
44) trans-1,3-Dichloropropene	8.20	75	5797	1.026	ug/L	88
48) 2-Hexanone	8.71	43	17962	3.526	ug/L	95
51) Chlorobenzene	9.47	112	395956	40.118	ug/L	99
52) Ethylbenzene	9.59	91	88198	5.126	ug/L	96
53) m,p-Xylene	9.71	106	65079	9.890	ug/L	98
54) o-xylene	10.12	106	24677	3.857	ug/L	91

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
Data File : VU038345.D
Acq On : 28 May 2020 15:08
Operator : JC/MD
Sample : L2756-05MS 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETKW8MS

Quant Time: May 29 04:33:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 29 04:31:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) Styrene	10.14	104	10903	0.992	ug/L	96
59) 1,2,3-Trichloropropane	11.83	75	32401	6.108	ug/L	91
69) Naphthalene	14.12	128	857882	47.110	ug/L	100

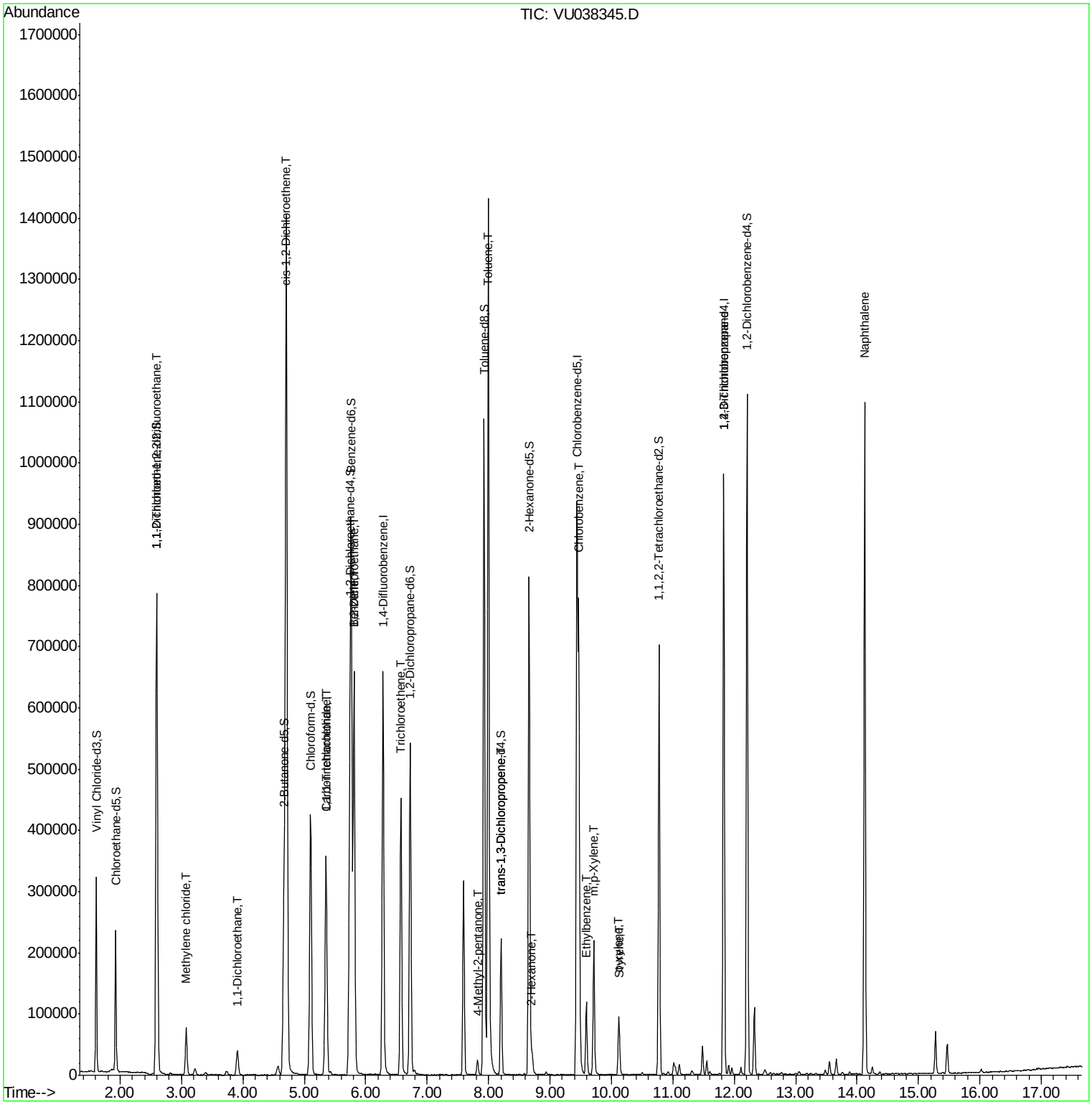
(#) = qualifier out of range (m) = manual integration (+) = signals summed

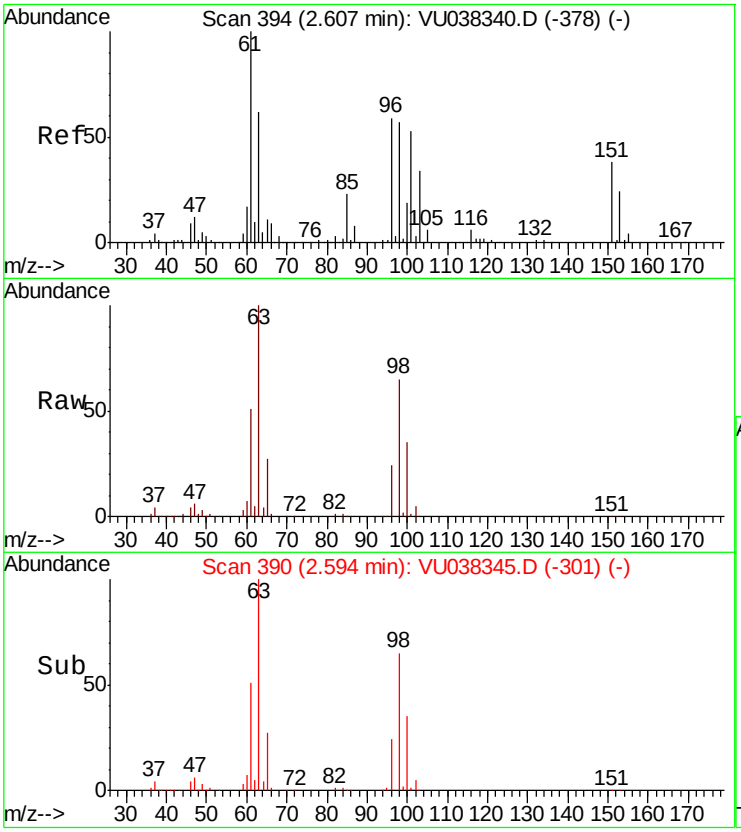
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
Data File : VU038345.D
Acq On : 28 May 2020 15:08
Operator : JC/MD
Sample : L2756-05MS 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Quant Time: May 29 04:33:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 29 04:31:03 2020
Response via : Initial Calibration



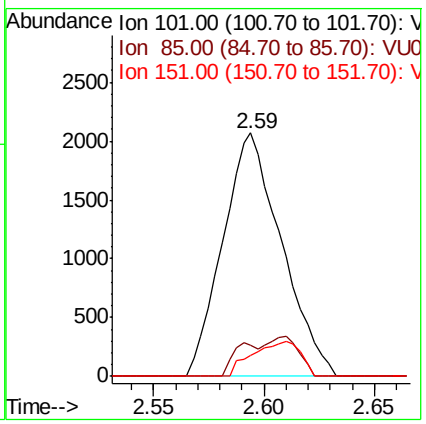


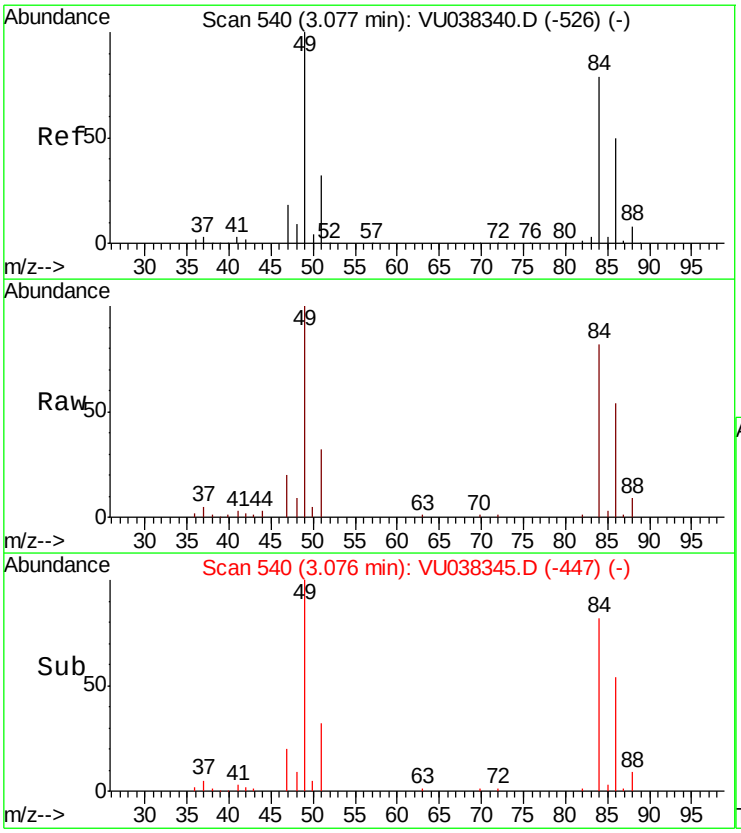
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.143 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.01 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Tgt Ion:101 Resp: 3817

Ion	Ratio	Lower	Upper
101	100		
85	6.0	35.5	53.3#
151	0.0	58.4	87.6#

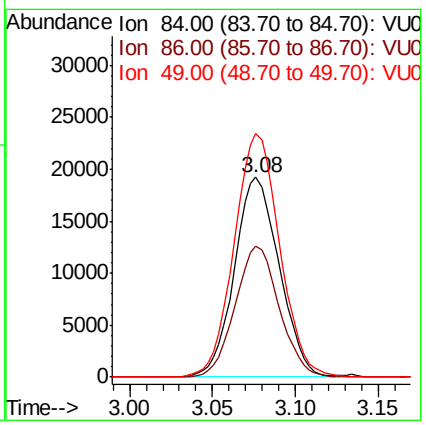


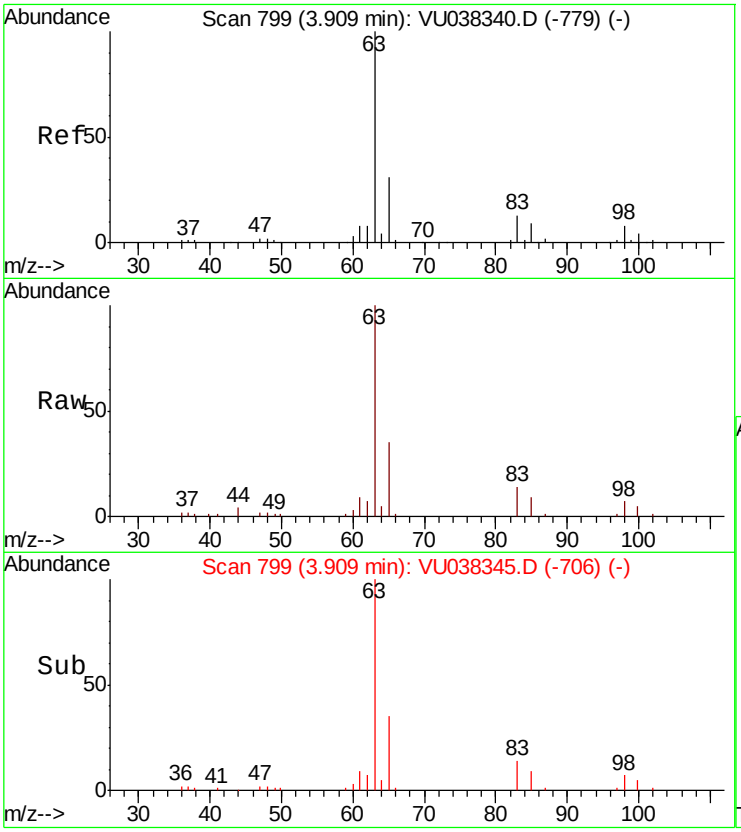


#16
Methylene chloride
Concen: 9.541 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Tgt Ion: 84 Resp: 36160

Ion	Ratio	Lower	Upper
84	100		
86	65.6	46.1	85.7
49	121.8	90.0	167.2



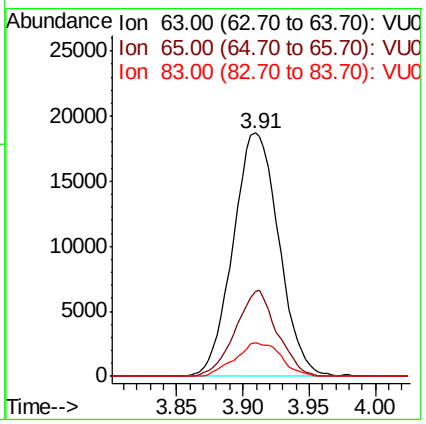


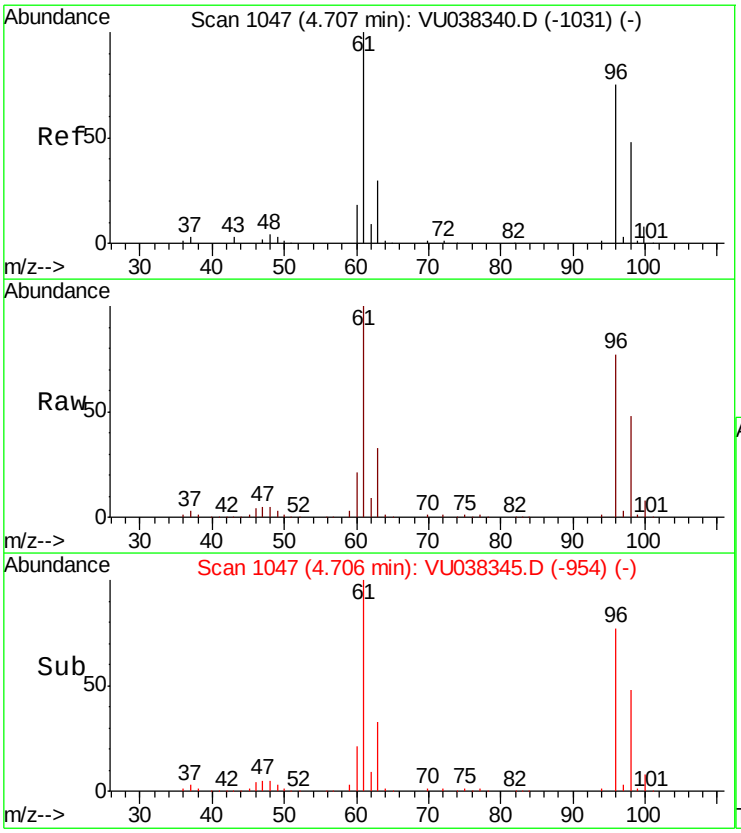
#19
1,1-Dichloroethane
Concen: 6.706 ug/L
RT: 3.91 min Scan# 799
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Tgt Ion: 63 Resp: 44989

Ion	Ratio	Lower	Upper
63	100		
65	34.7	22.2	41.2
83	13.9	9.4	17.4

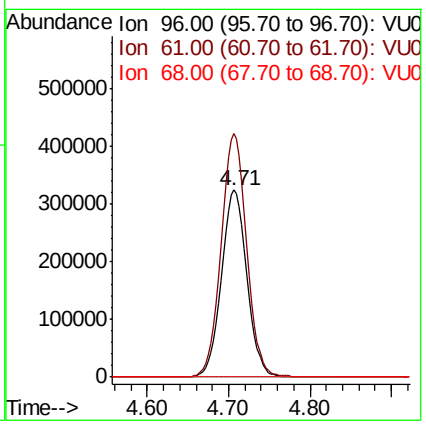


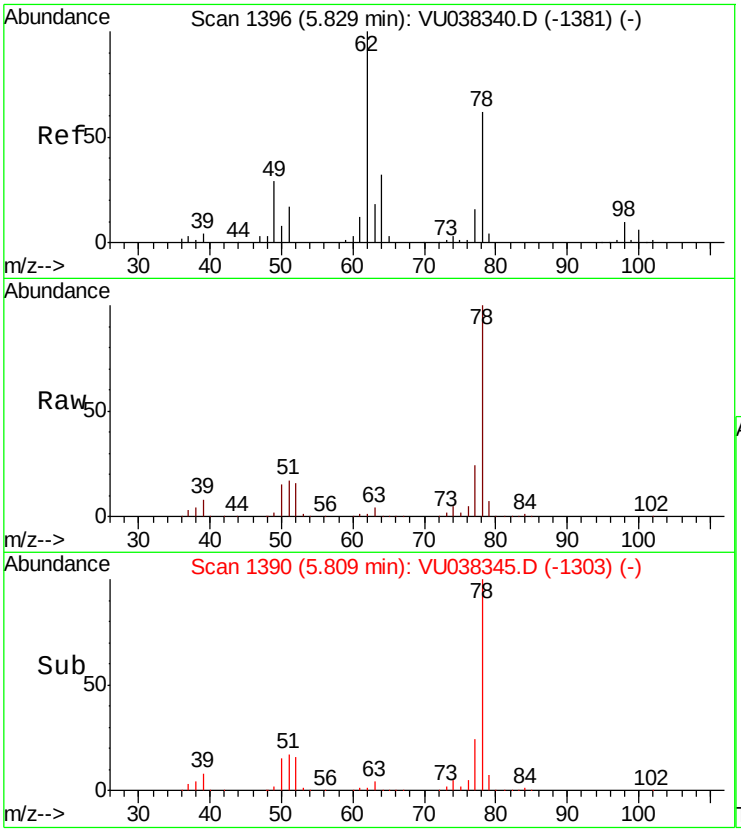


#20
cis-1,2-Dichloroethene
Concen: 183.688 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Tgt Ion: 96 Resp: 712900

Ion	Ratio	Lower	Upper
96	100		
61	130.2	93.4	173.4
68	0.0	0.0	0.0



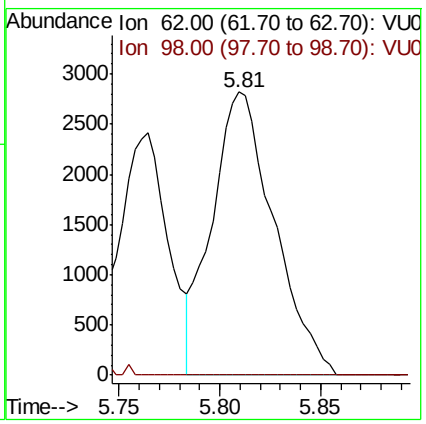


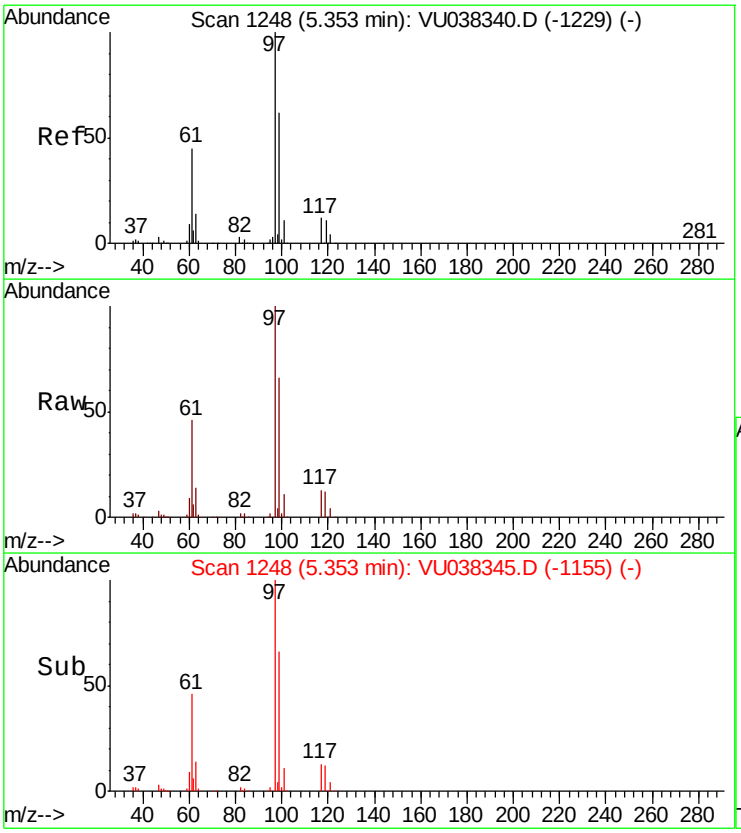
#27
1,2-Dichloroethane
Concen: 1.082 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.02 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Tgt Ion: 62 Resp: 6042

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

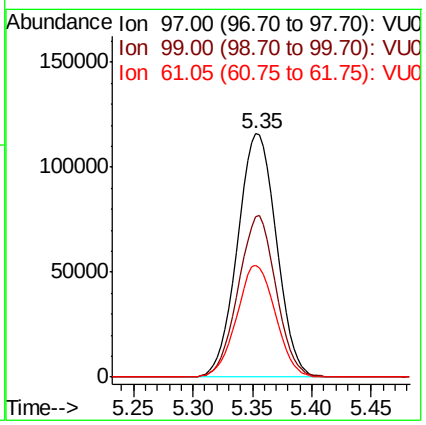


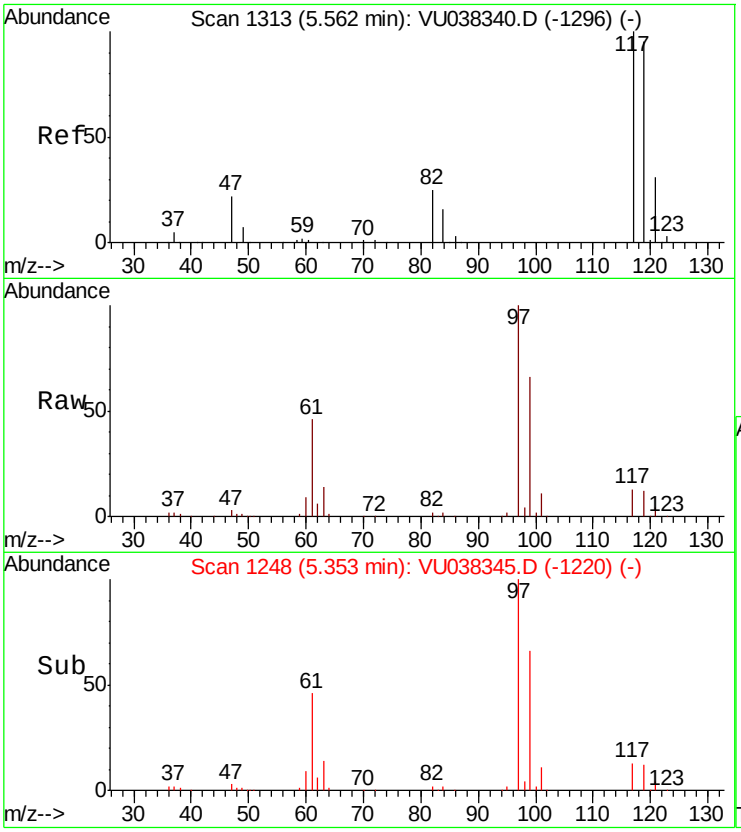


#30
1,1,1-Trichloroethane
Concen: 46.431 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Tgt Ion: 97 Resp: 262956

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.2	76.8
61	45.7	35.9	53.9



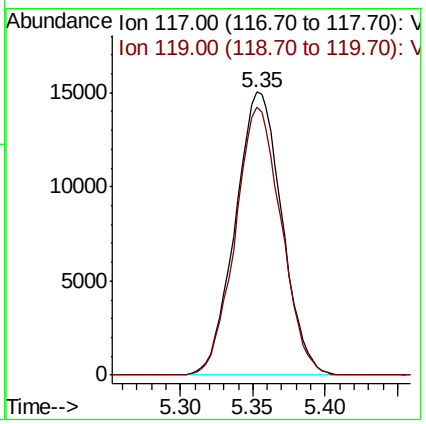


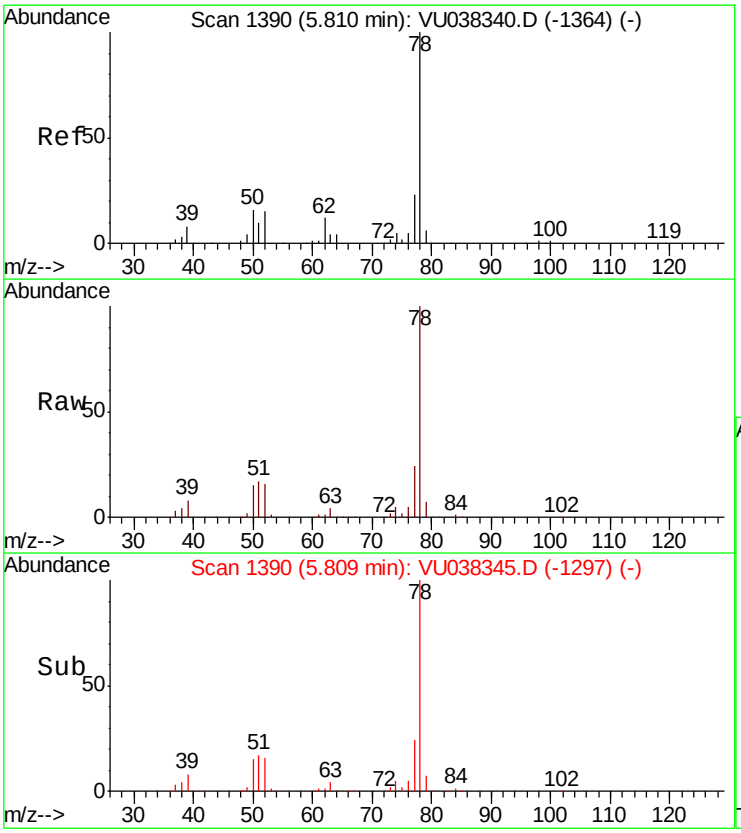
#31
Carbon tetrachloride
Concen: 7.126 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.21 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Tgt Ion:117 Resp: 33637

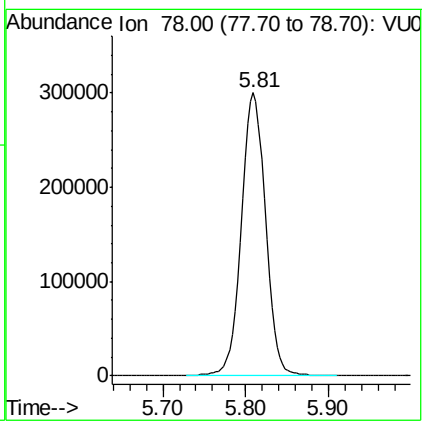
Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.6	114.8

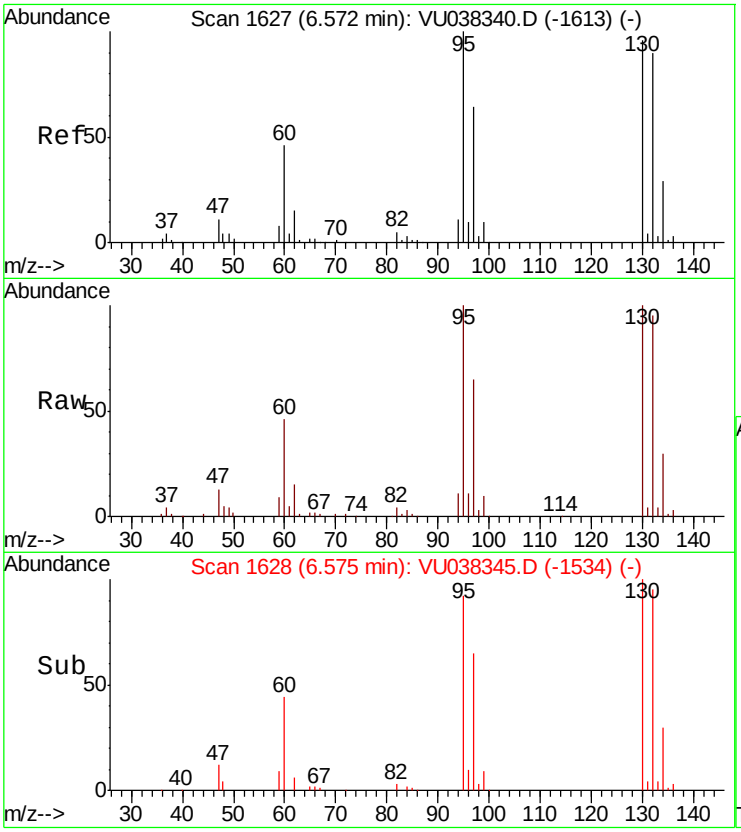




#33
Benzene
Concen: 41.784 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Tgt Ion: 78 Resp: 611209



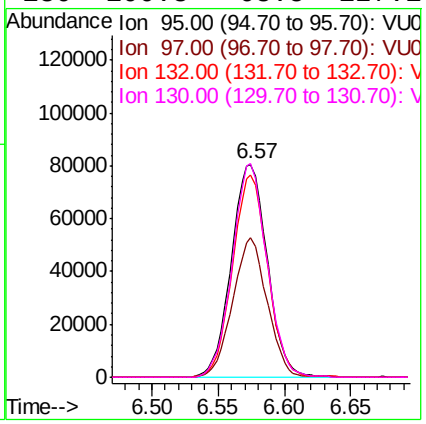


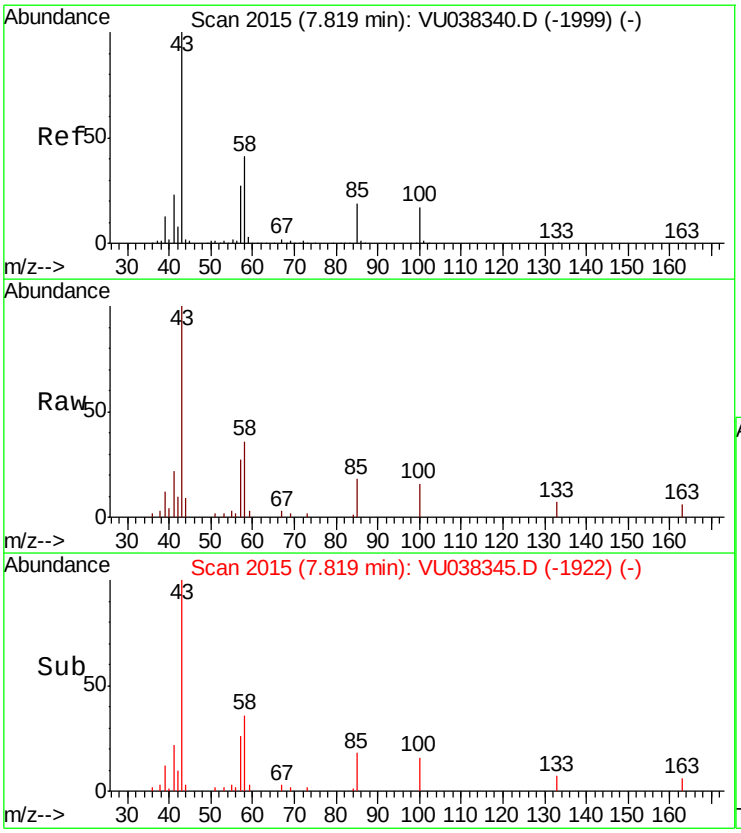
#34
Trichloroethene
Concen: 40.611 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Tgt Ion: 95 Resp: 151988

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.3	82.3
132	95.2	64.7	120.1
130	100.3	68.5	127.1

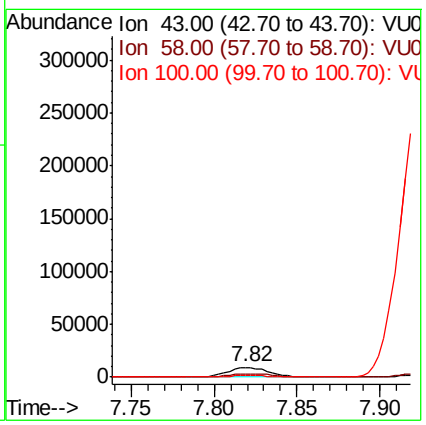


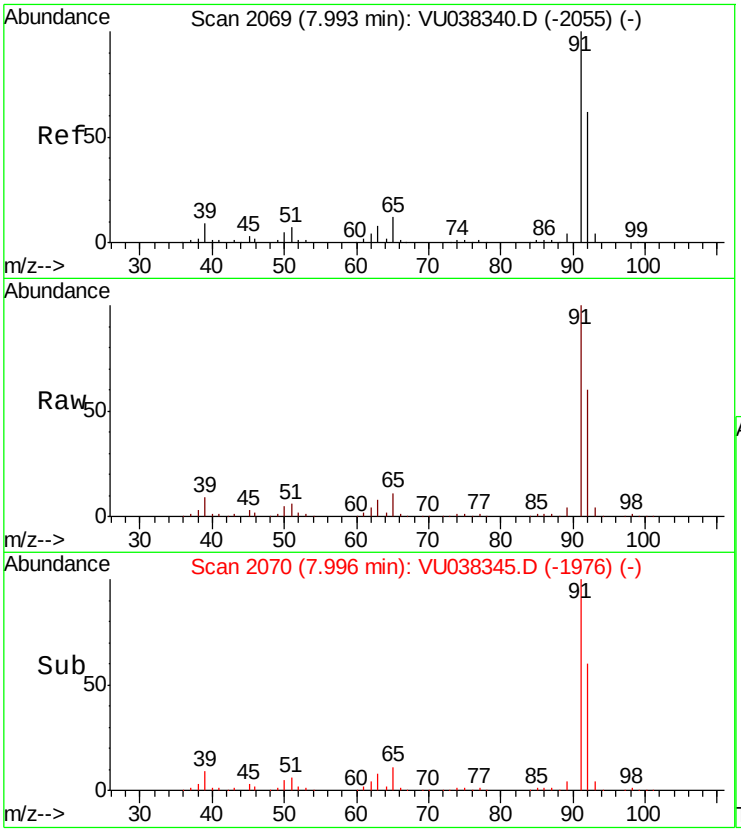


#40
4-Methyl-2-pentanone
Concen: 2.630 ug/L
RT: 7.82 min Scan# 2015
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Tgt Ion: 43 Resp: 15869

Ion	Ratio	Lower	Upper
43	100		
58	38.6	32.6	48.8
100	15.7	12.9	19.3



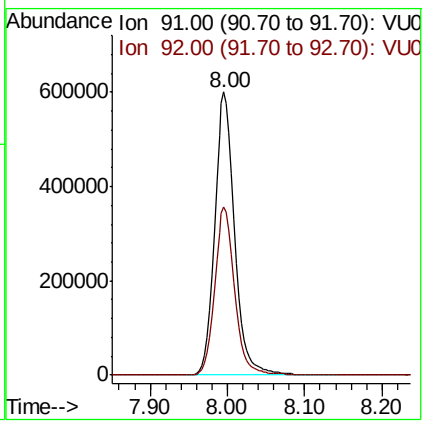


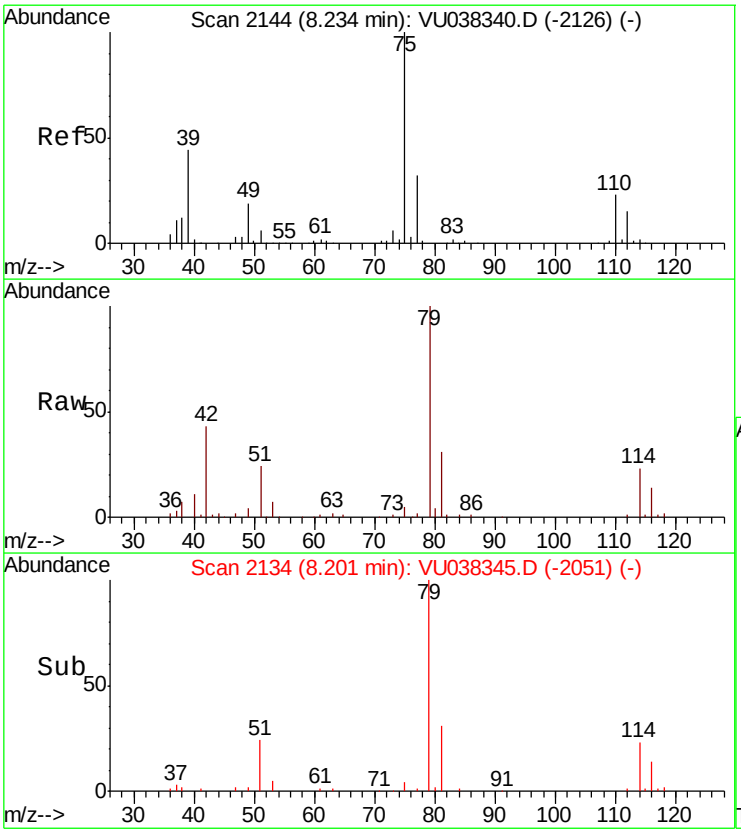
#42
Toluene
Concen: 70.902 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Tgt Ion: 91 Resp: 1088837

Ion	Ratio	Lower	Upper
91	100		
92	59.6	42.0	78.0

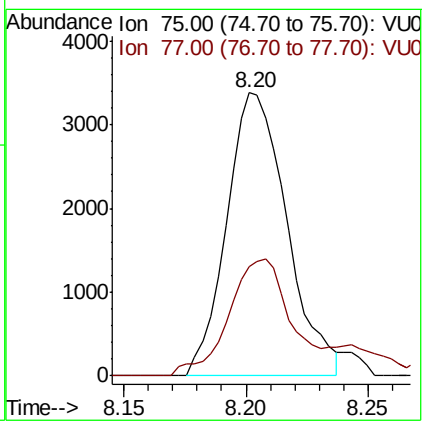


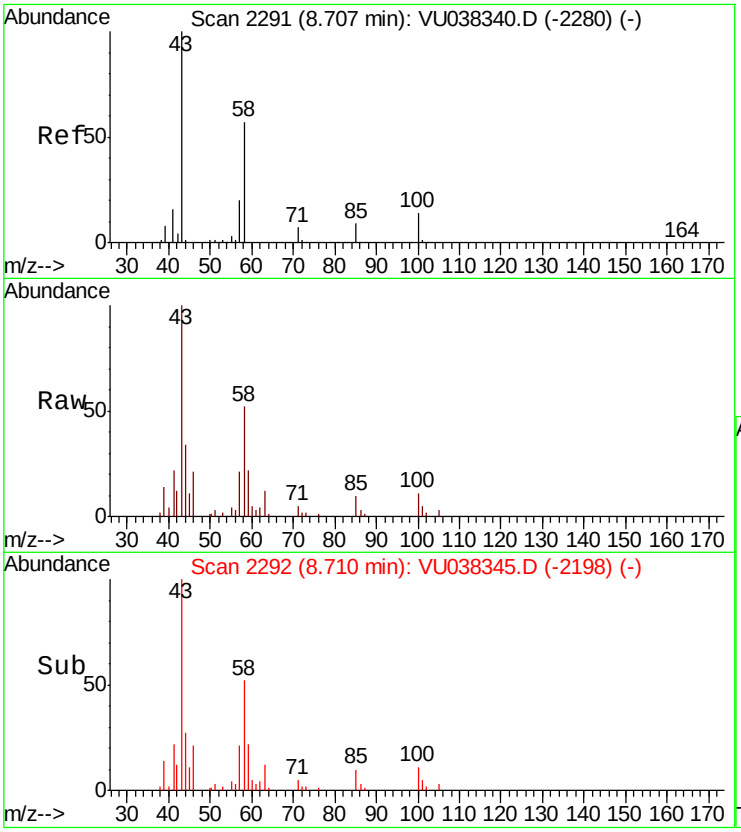


#44
trans-1,3-Dichloropropene
Concen: 1.026 ug/L
RT: 8.20 min Scan# 2134
Delta R.T. -0.03 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Tgt Ion: 75 Resp: 5797

Ion	Ratio	Lower	Upper
75	100		
77	38.4	22.1	41.1



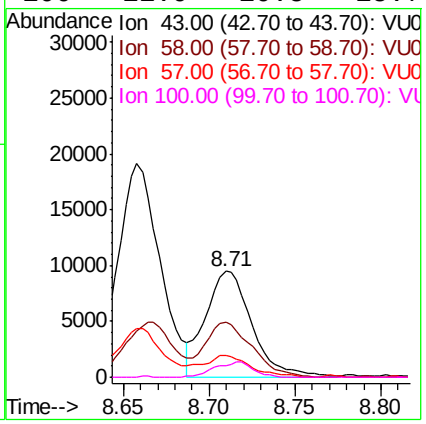


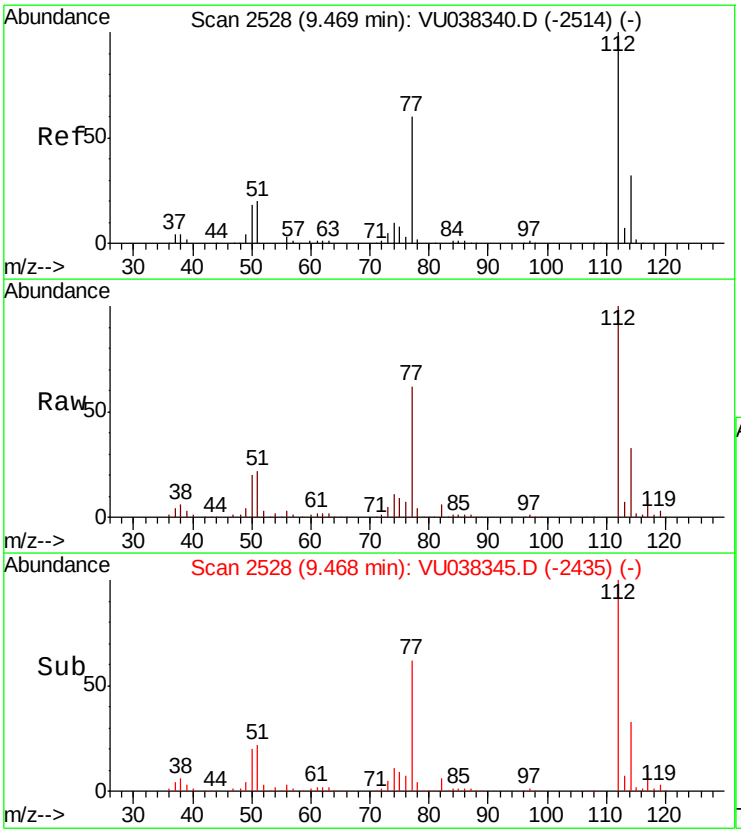
#48
2-Hexanone
Concen: 3.526 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Instrument : MSVOA_U
ClientSampleId : ETKW8MS

Tgt Ion: 43 Resp: 17962

Ion	Ratio	Lower	Upper
43	100		
58	53.7	45.5	68.3
57	17.7	16.3	24.5
100	11.9	10.5	15.7

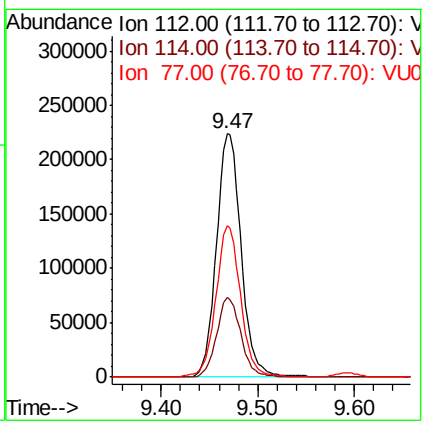


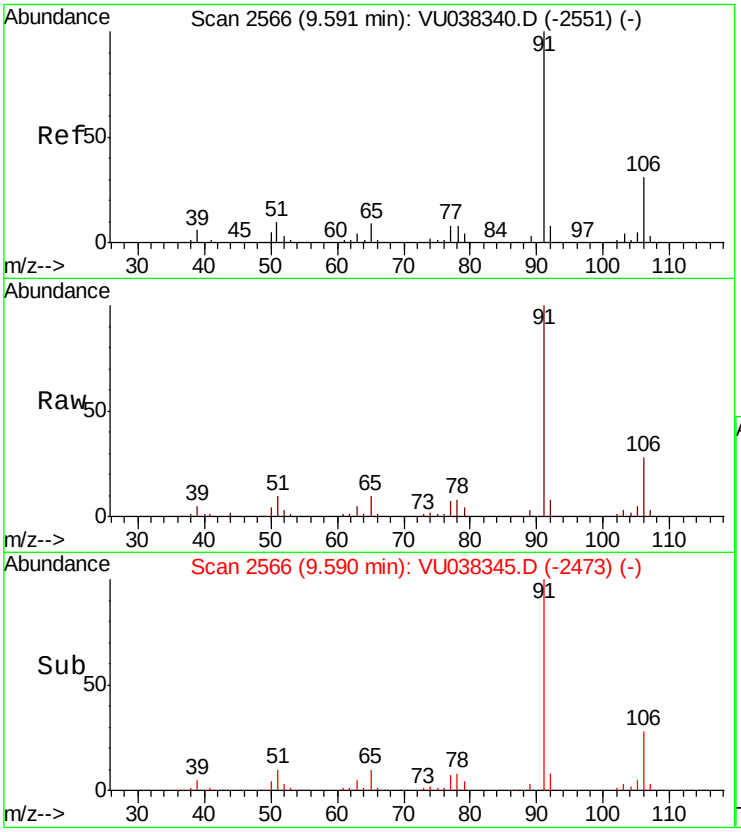


#51
Chlorobenzene
Concen: 40.118 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Tgt Ion:112 Resp: 395956

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.6	42.0
77	62.4	48.8	73.2



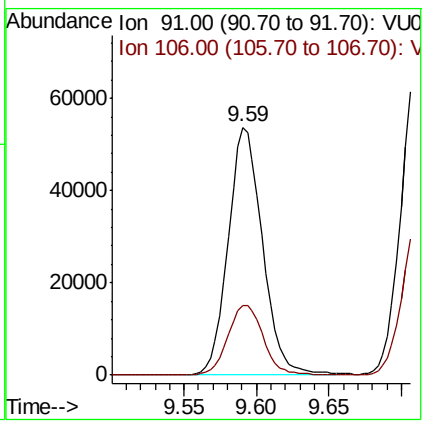


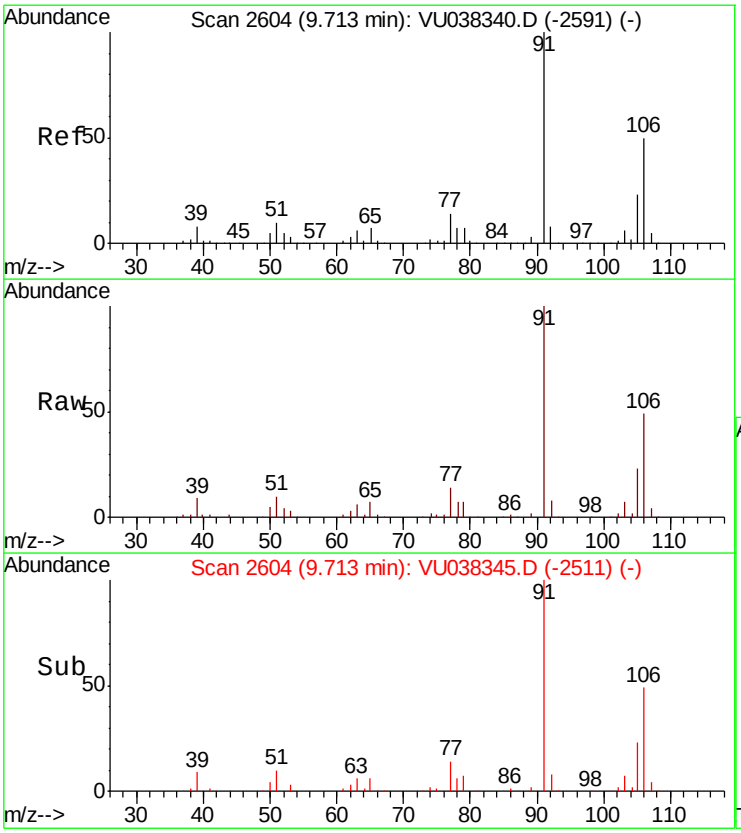
#52
Ethylbenzene
Concen: 5.126 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Tgt Ion: 91 Resp: 88198

Ion	Ratio	Lower	Upper
91	100		
106	28.4	21.2	39.4

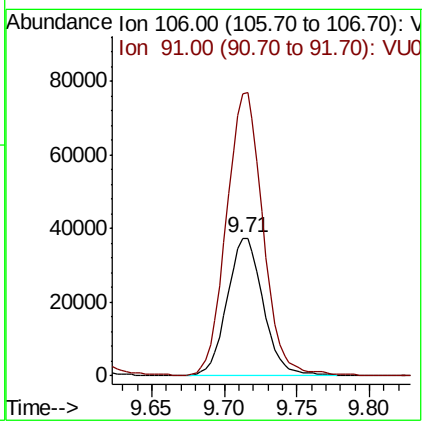


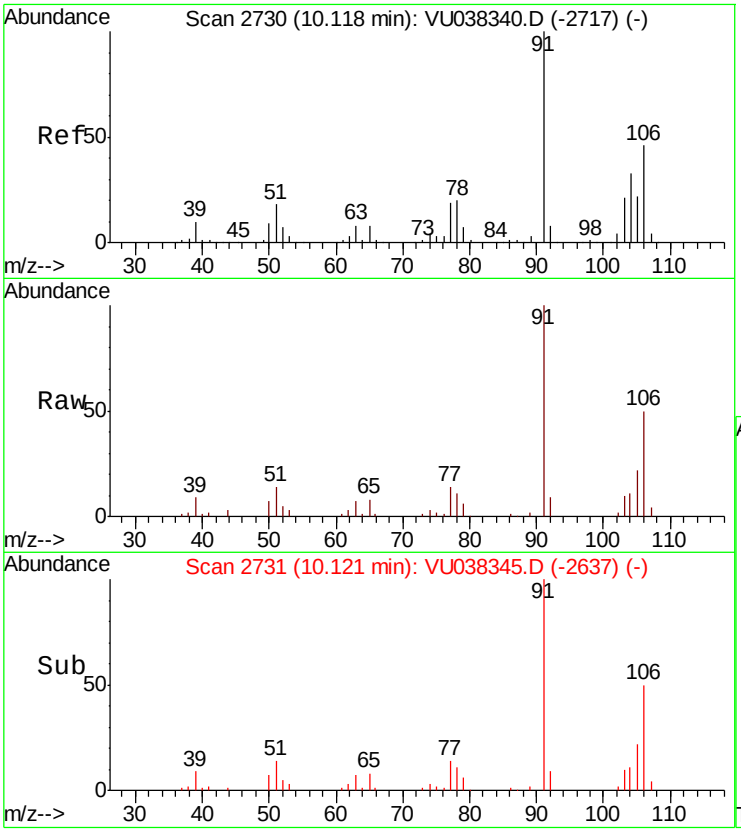


#53
m,p-Xylene
Concen: 9.890 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Tgt Ion:106 Resp: 65079

Ion	Ratio	Lower	Upper
106	100		
91	204.5	140.8	261.4



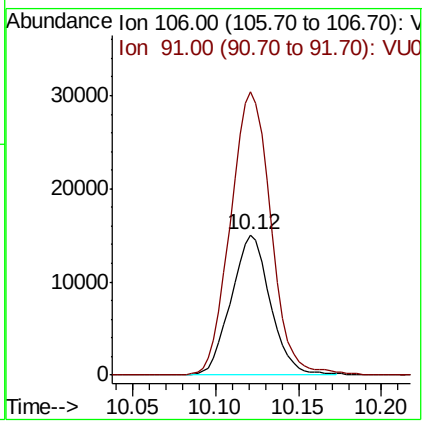


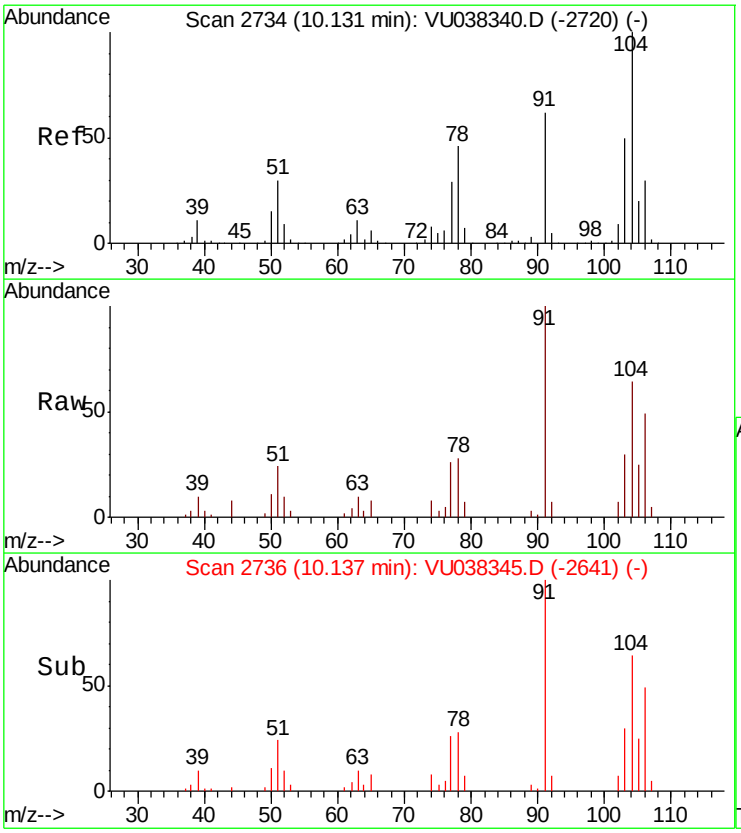
#54
o-xylene
Concen: 3.857 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Tgt Ion:106 Resp: 24677

Ion	Ratio	Lower	Upper
106	100		
91	201.7	151.3	280.9

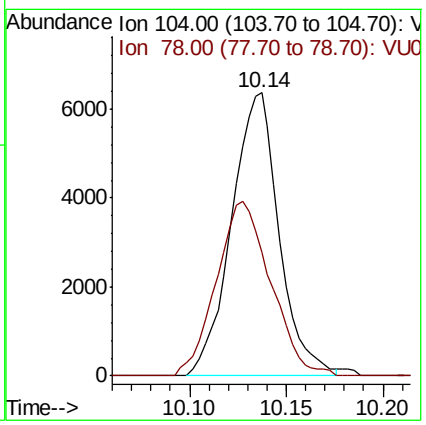


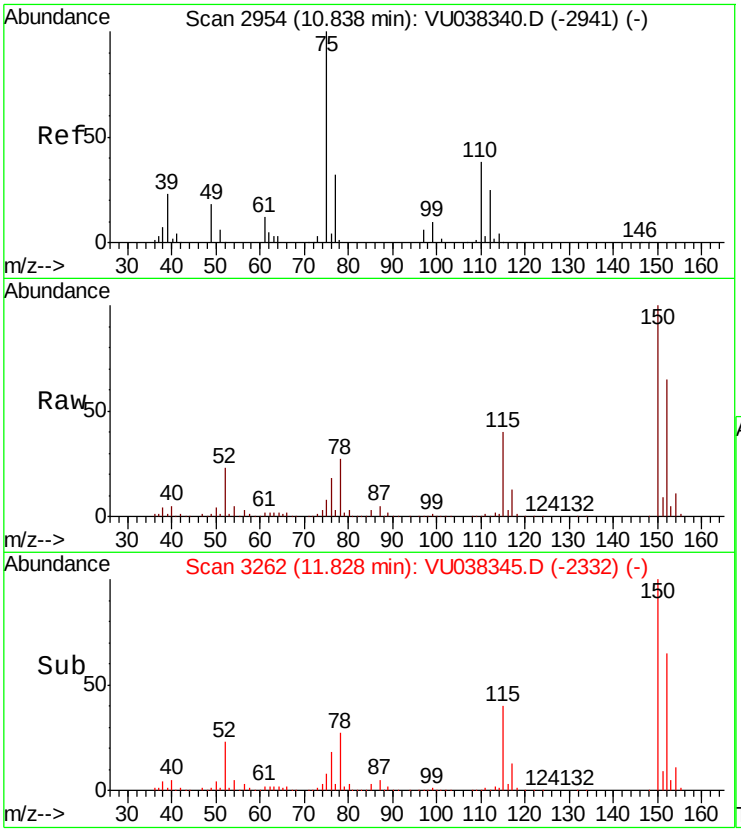


#55
Styrene
Concen: 0.992 ug/L
RT: 10.14 min Scan# 2736
Delta R.T. 0.01 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Tgt Ion:104 Resp: 10903

Ion	Ratio	Lower	Upper
104	100		
78	43.5	32.1	59.7



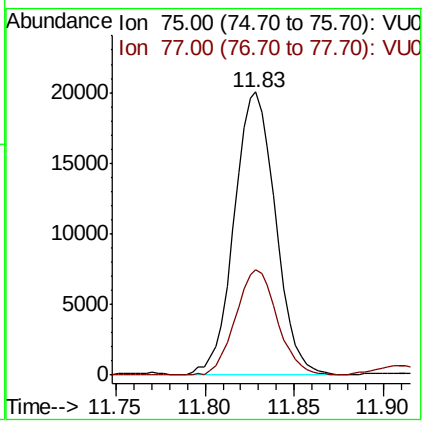


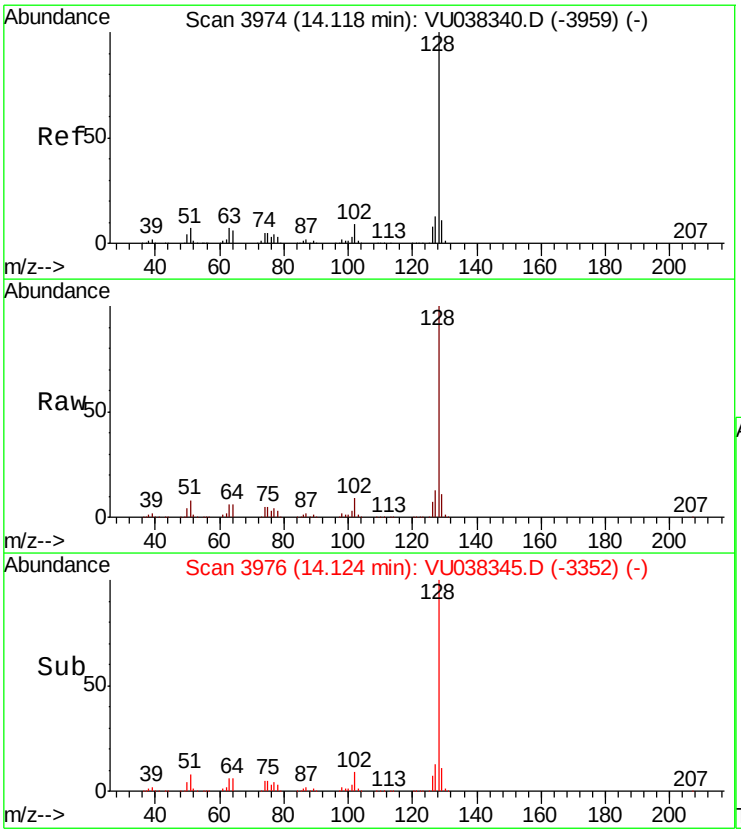
#59
1,2,3-Trichloropropane
Concen: 6.108 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Tgt Ion: 75 Resp: 32401

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.8	38.8





#69
Naphthalene
Concen: 47.110 ug/L
RT: 14.12 min Scan# 3976
Delta R.T. 0.01 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Tgt Ion:128 Resp: 857882

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.7	8.6	12.8