Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\

Quantitation Report (Not Reviewed)

Data File : VU032011.D
Acq On : 14 May 2019 21:45
Operator : JC/SP
Sample : K2738-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898

Quant Time: May 15 04:32:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1166974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1147720	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	539649	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	395512	38.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.24%			
7) Chloroethane-d5	1.68	69	343706	41.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.90%			
11) 1,1-Dichloroethene-d2	2.27	63	558083	30.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.80%			
21) 2-Butanone-d5	4.17	46	643816	89.78	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.78%			
24) Chloroform-d	4.64	84	696442	40.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.26%			
26) 1,2-Dichloroethane-d4	5.31	65	447939	41.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.98%			
32) Benzene-d6	5.34	84	1502431	45.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.44%			
36) 1,2-Dichloropropane-d6	6.32	67	490896	44.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.56%			
41) Toluene-d8	7.56	98	1475587	49.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.14%			
43) trans-1,3-Dichloropropene-	7.85	79	221856	45.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.74%			
47) 2-Hexanone-d5	8.31	63	426943	96.04	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.04%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	726288	44.76	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.52%			
64) 1,2-Dichlorobenzene-d4	11.86	152	531059	46.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.54%			
Target Compounds						Qvalue
13) Acetone	2.32	43	127217	17.257	ug/L	90
15) Methyl Acetate	2.63	43	8264	0.738	ug/L #	100
22) 2-Butanone	4.27	43	81083	9.536	ug/L	97
29) Cyclohexane	4.99	56	5537484	393.611	ug/L	98
34) Trichloroethene	6.18	95	5718	0.614	ug/L	89
35) Methylcyclohexane	6.41	83	6167983	432.040	ug/L	97
37) 1,2-Dichloropropane	6.41	63	53783	5.326	ug/L #	96
38) Bromodichloromethane	6.83	83	31230	2.531	ug/L #	28
40) 4-Methyl-2-pentanone	7.52	43	50042	3.653	ug/L #	42
42) Toluene	7.64	91	58955	1.528	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	9246	0.734	ug/L #	1
45) 1,1,2-Trichloroethane	8.04	97	380488	41.095	ug/L #	17
46) Tetrachloroethene	8.22	164	18039	2.744	ug/L	96
48) 2-Hexanone	8.36	43	58596	5.270	ug/L #	62
52) Ethylbenzene	9.24	91	955128	23.136	ug/L	97
53) m,p-Xylene	9.37	106	681165	45.212	ug/L	99
54) o-xylene	9.77	106	27518	1.850	ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\

Quantitation Report (Not Reviewed)

Data File : VU032011.D
Acq On : 14 May 2019 21:45
Operator : JC/SP
Sample : K2738-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898

Quant Time: May 15 04:32:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) Isopropylbenzene	10.16	105	8538262	224.013	ug/L		100
66) 1,2-Dibromo-3-chloropropan	12.65	75	32628	9.027	ug/L	#	4
69) Naphthalene	13.74	128	1912831	58.907	ug/L		99

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

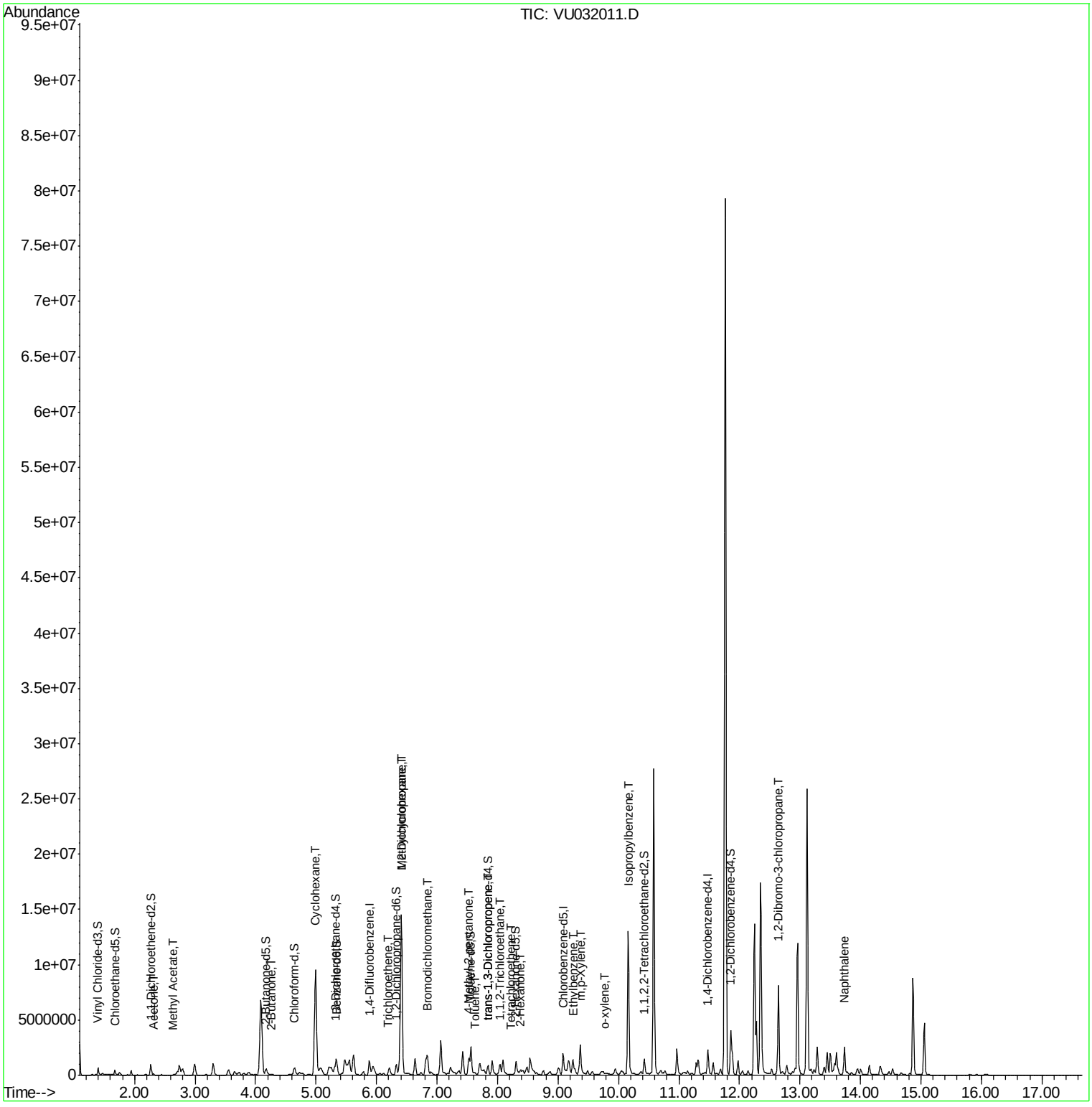
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\

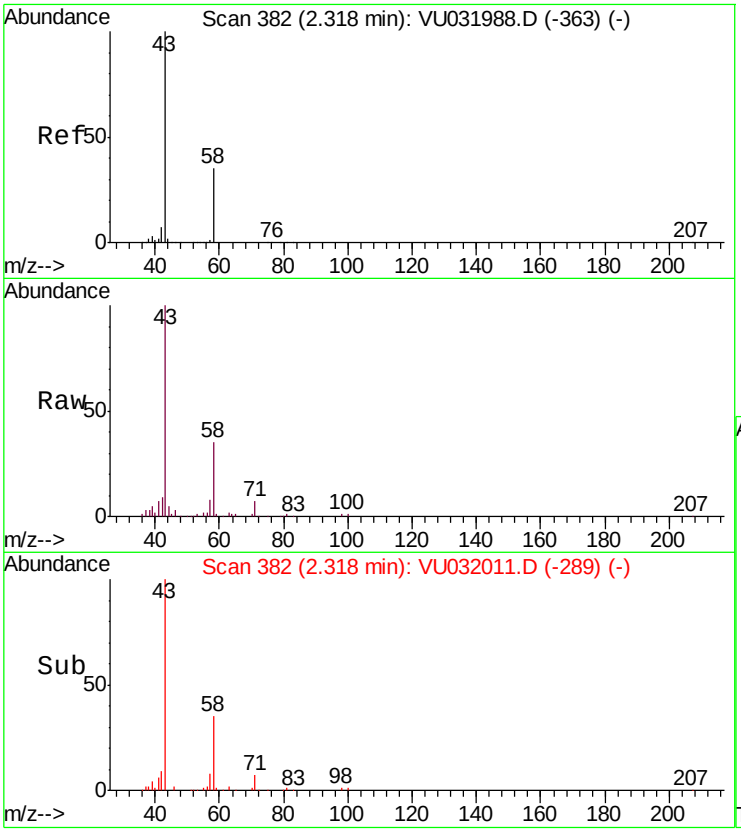
Quantitation Report (Not Reviewed)

Data File : VU032011.D
Acq On : 14 May 2019 21:45
Operator : JC/SP
Sample : K2738-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898

Quant Time: May 15 04:32:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration



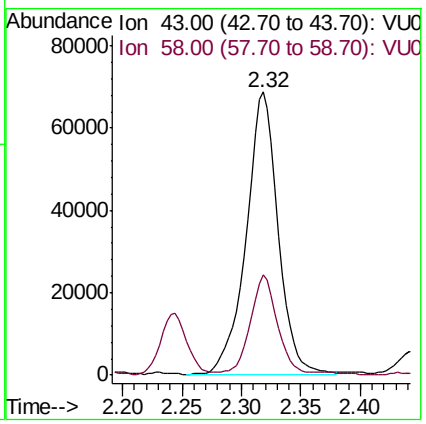


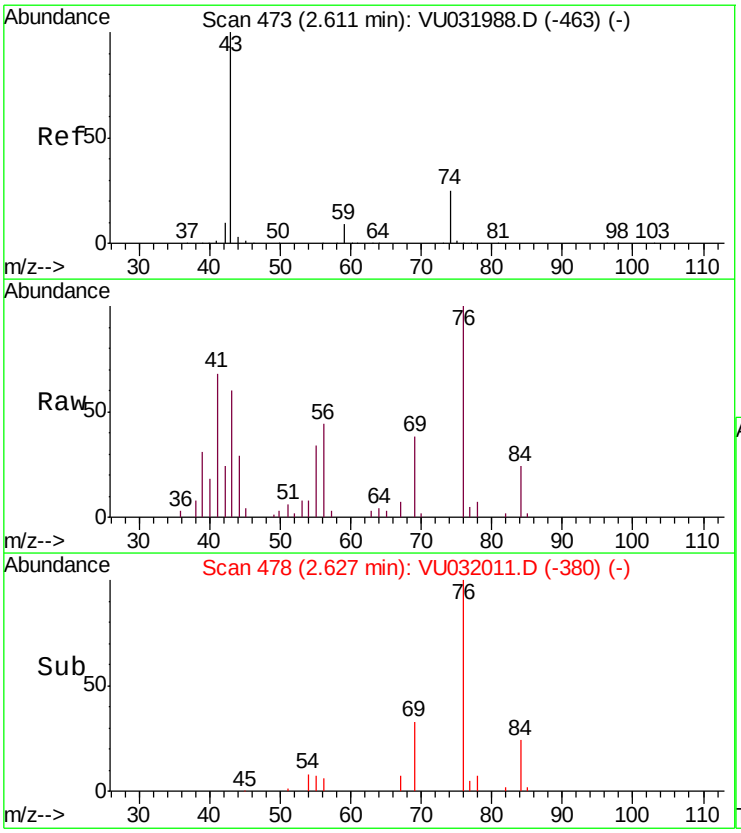
#13
Acetone
Concen: 17.257 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Instrument :
MSVOA_U
ClientSampleId :
DB898

Tgt Ion: 43 Resp: 127217

Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	68.2

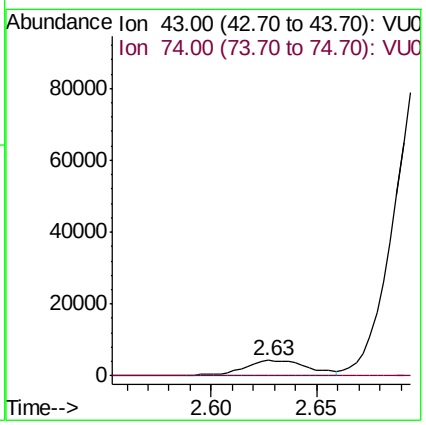


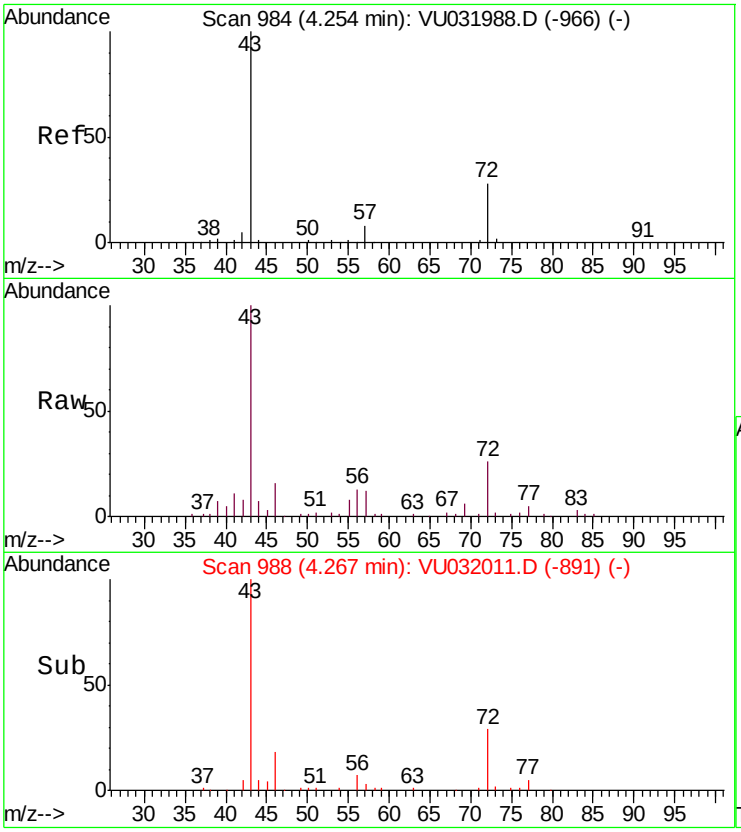


#15
Methyl Acetate
Concen: 0.738 ug/L
RT: 2.63 min Scan# 478
Delta R.T. 0.02 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Tgt Ion: 43 Resp: 8264

Ion	Ratio	Lower	Upper
43	100		
74	0.0	0.0	0.0



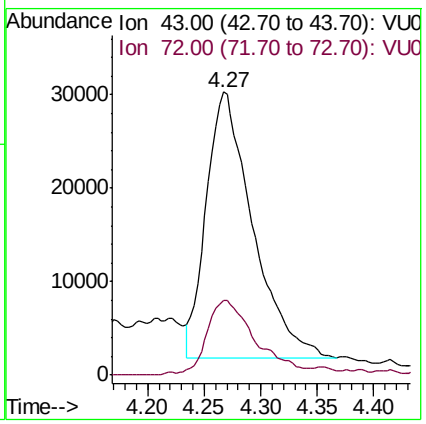


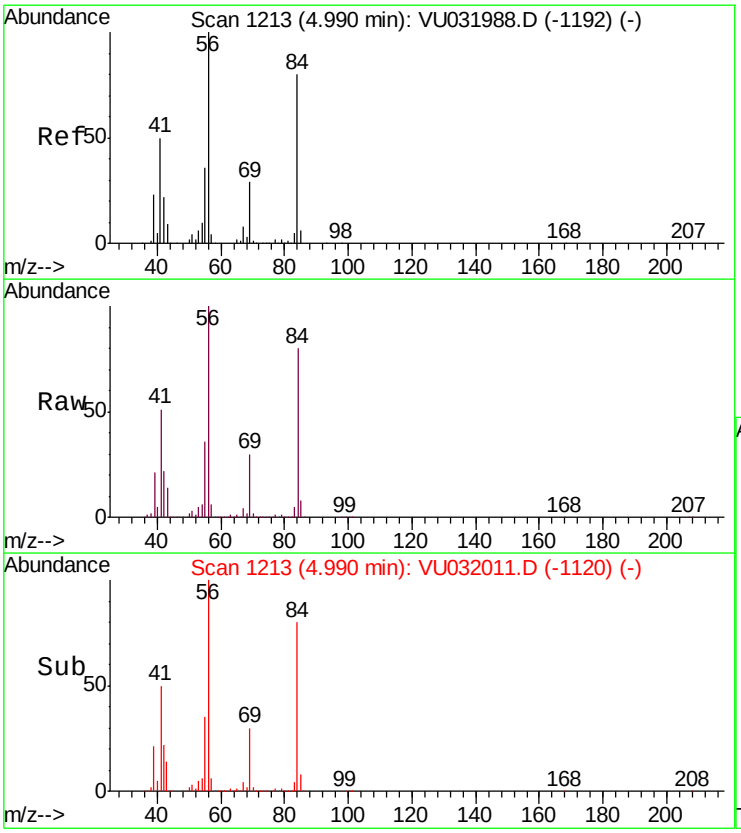
#22
2-Butanone
Concen: 9.536 ug/L
RT: 4.27 min Scan# 988
Delta R.T. 0.01 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Instrument :
MSVOA_U
ClientSampleId :
DB898

Tgt Ion: 43 Resp: 81083

Ion	Ratio	Lower	Upper
43	100		
72	29.6	13.9	41.7

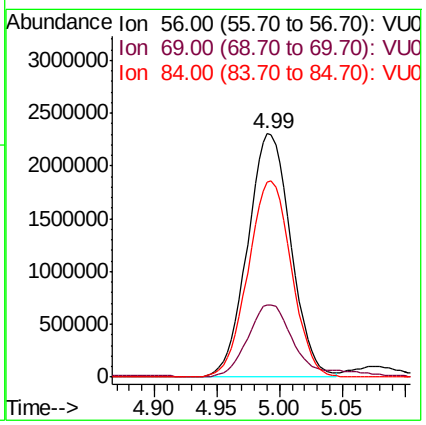


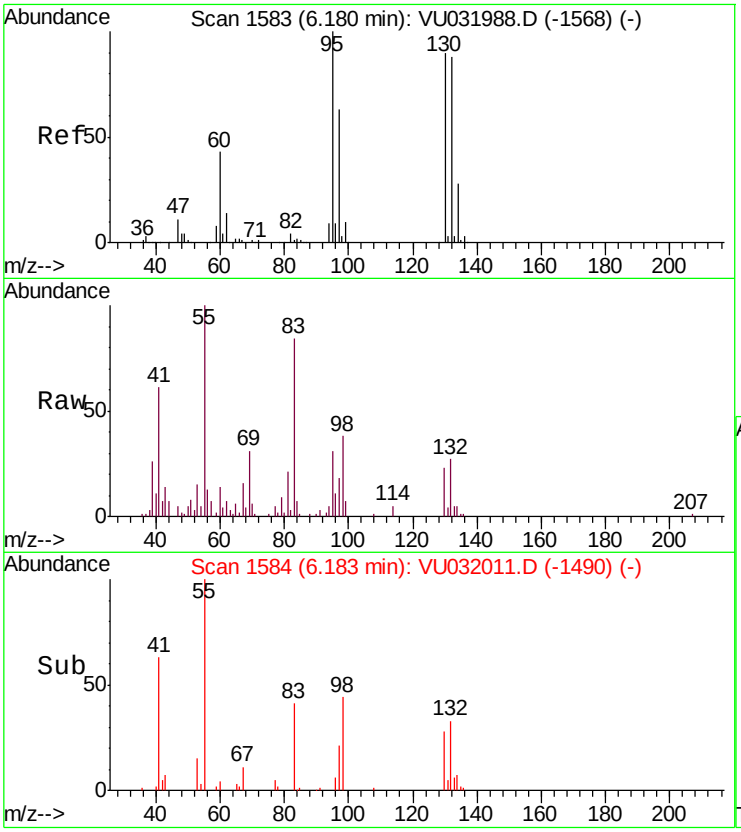


#29
Cyclohexane
Concen: 393.611 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. -0.00 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Tgt Ion: 56 Resp: 5537484

Ion	Ratio	Lower	Upper
56	100		
69	33.1	24.8	37.2
84	80.8	65.5	98.3



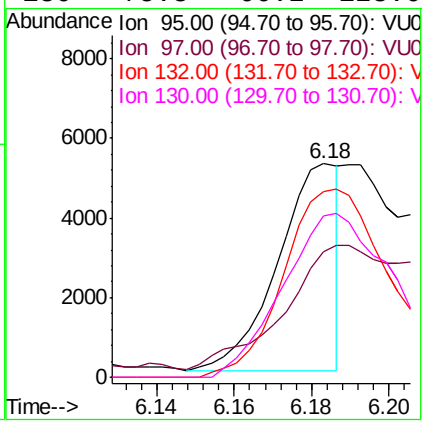


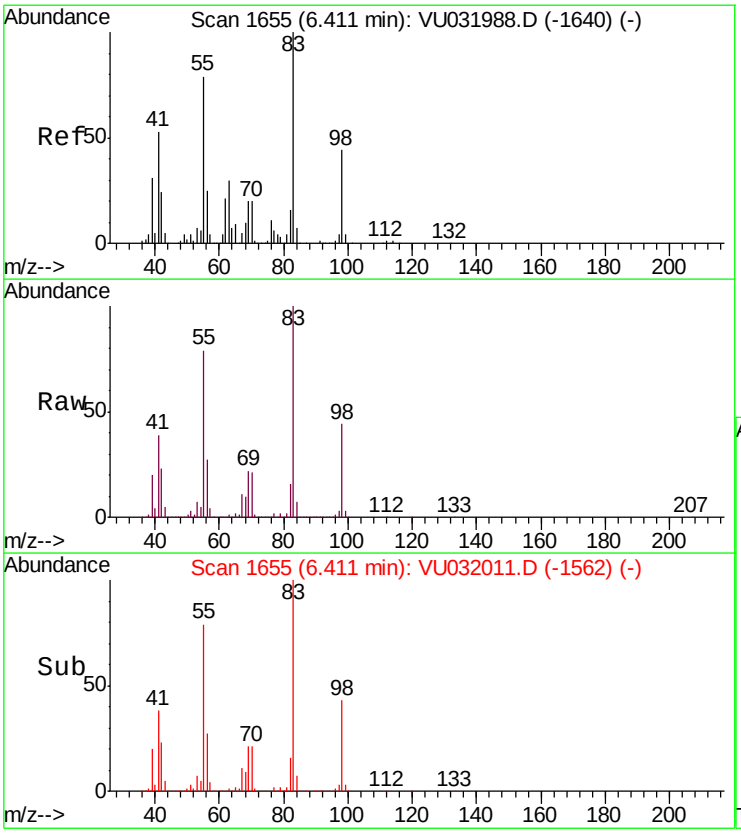
#34
Trichloroethene
Concen: 0.614 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Instrument :
MSVOA_U
ClientSampleId :
DB898

Tgt Ion: 95 Resp: 5718

Ion	Ratio	Lower	Upper
95	100		
97	59.0	44.9	83.3
132	86.7	63.5	117.9
130	75.3	66.2	123.0

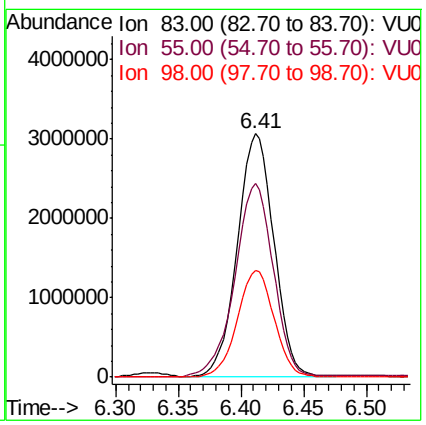


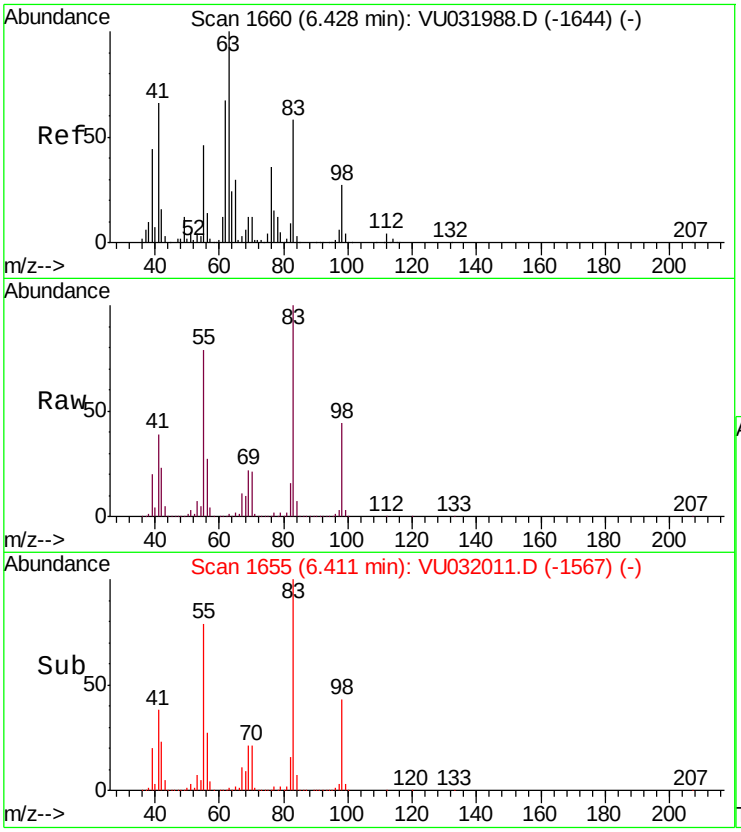


#35
Methylcyclohexane
Concen: 432.040 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Tgt Ion: 83 Resp: 6167983

Ion	Ratio	Lower	Upper
83	100		
55	84.4	64.0	96.0
98	44.2	35.6	53.4



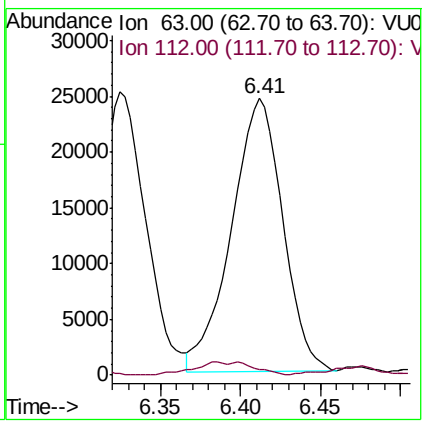


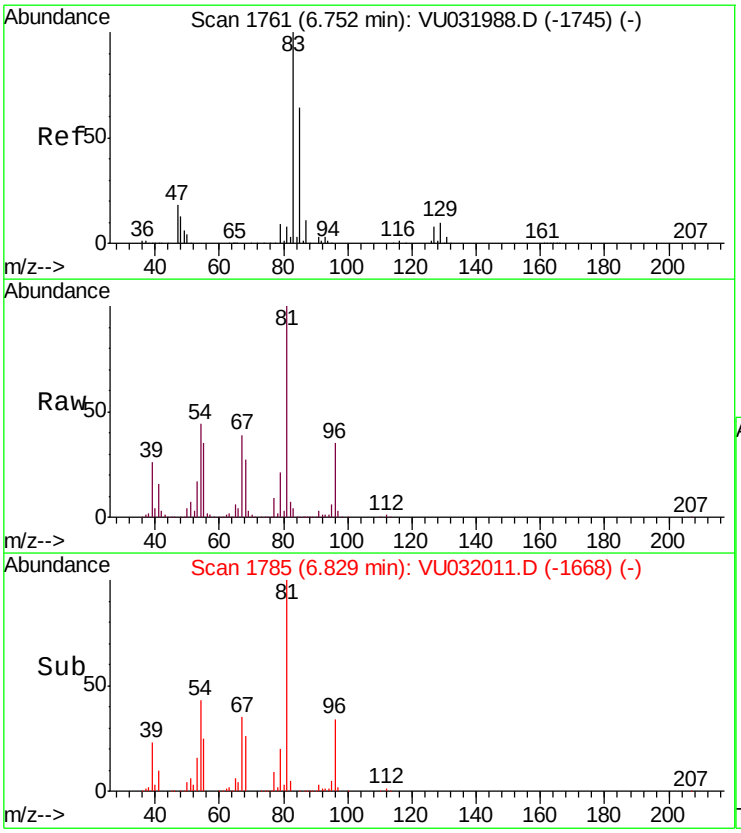
#37
1,2-Dichloropropane
Concen: 5.326 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. -0.02 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Instrument : MSVOA_U
ClientSampleId : DB898

Tgt Ion: 63 Resp: 53783

Ion	Ratio	Lower	Upper
63	100		
112	2.4	3.0	4.4#

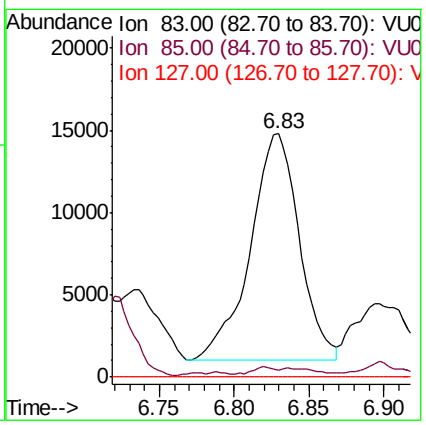


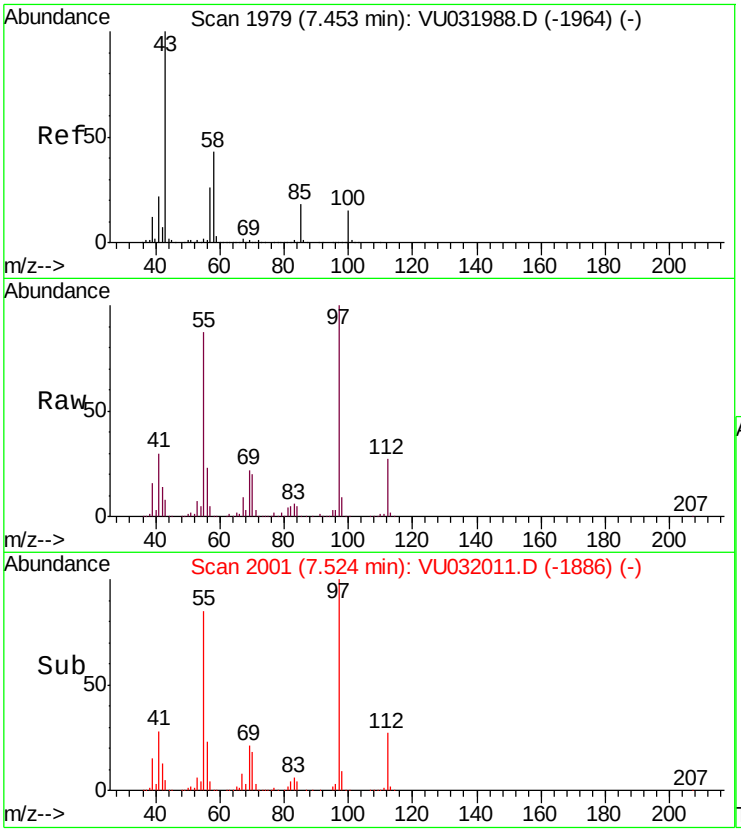


#38
Bromodichloromethane
Concen: 2.531 ug/L
RT: 6.83 min Scan# 1785
Delta R.T. 0.08 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Tgt Ion: 83 Resp: 31230

Ion	Ratio	Lower	Upper
83	100		
85	2.8	44.7	82.9#
127	0.0	6.5	9.7#



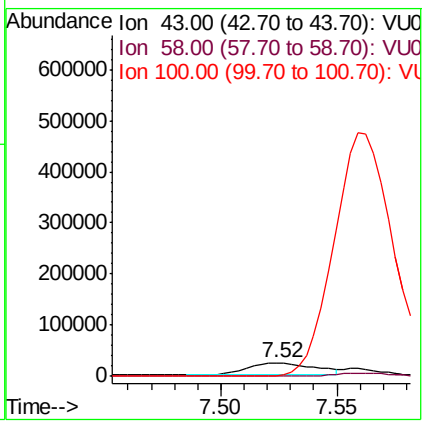


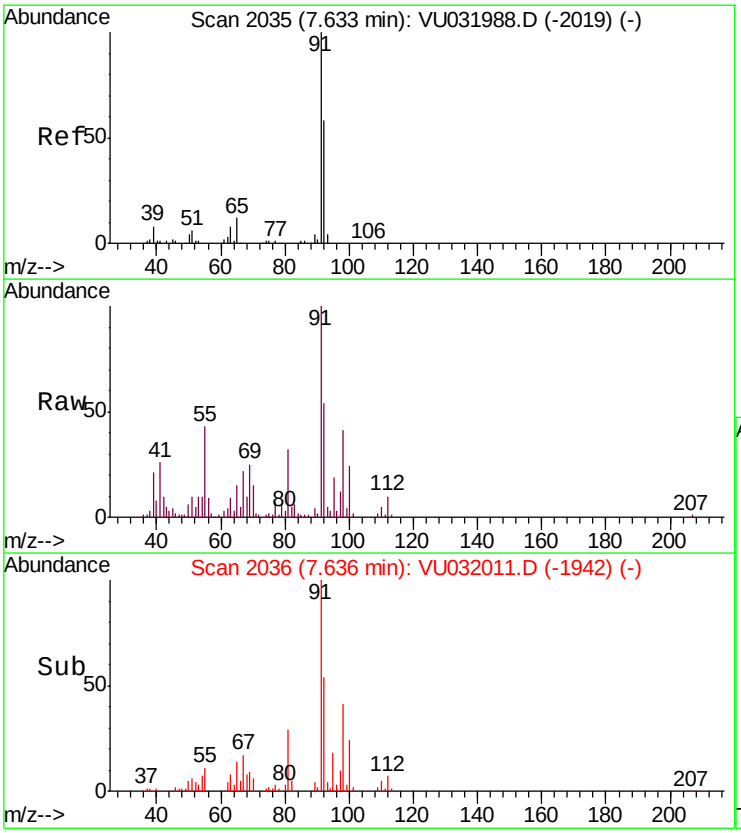
#40
4-Methyl-2-pentanone
Concen: 3.653 ug/L
RT: 7.52 min Scan# 2001
Delta R.T. 0.07 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Instrument : MSVOA_U
ClientSampleId : DB898

Tgt Ion: 43 Resp: 50042

Ion	Ratio	Lower	Upper
43	100		
58	0.8	33.6	50.4#
100	0.0	11.8	17.8#

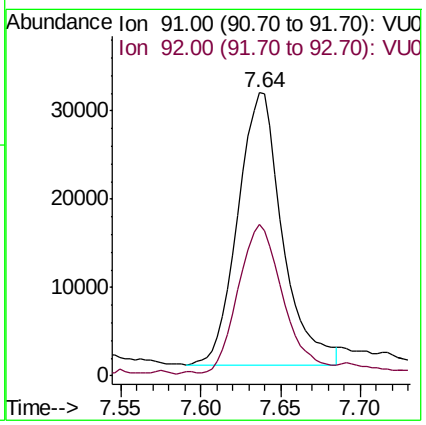


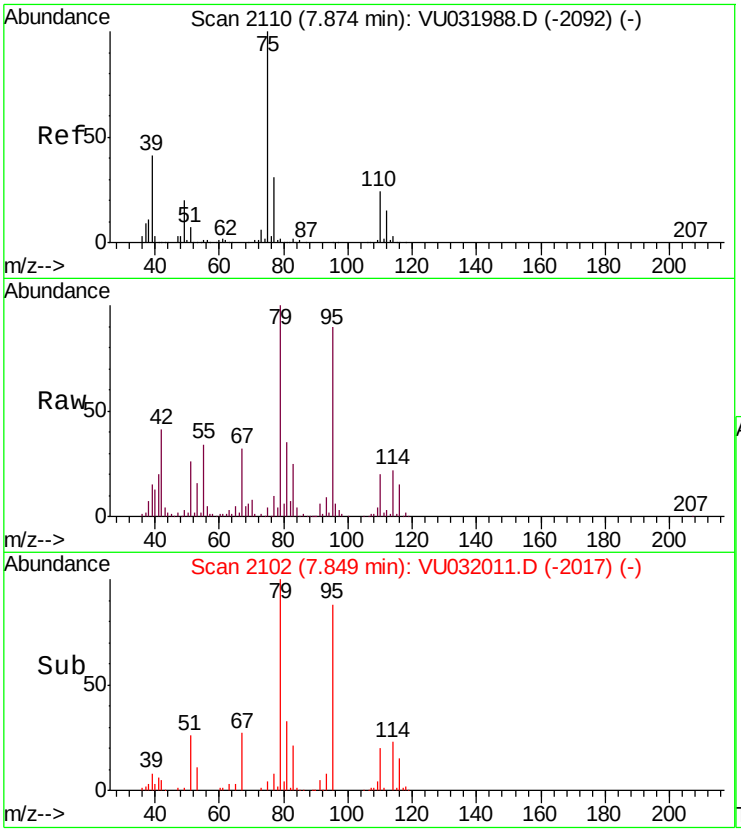


#42
Toluene
Concen: 1.528 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Tgt Ion: 91 Resp: 58955

Ion	Ratio	Lower	Upper
91	100		
92	53.6	40.2	74.6



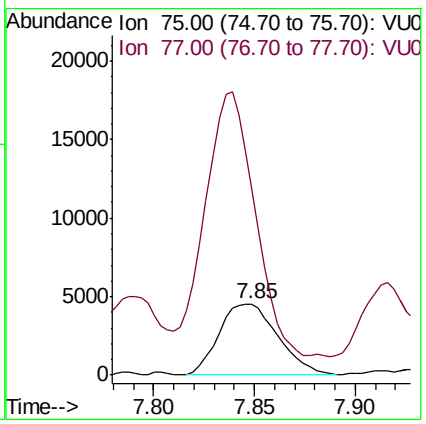


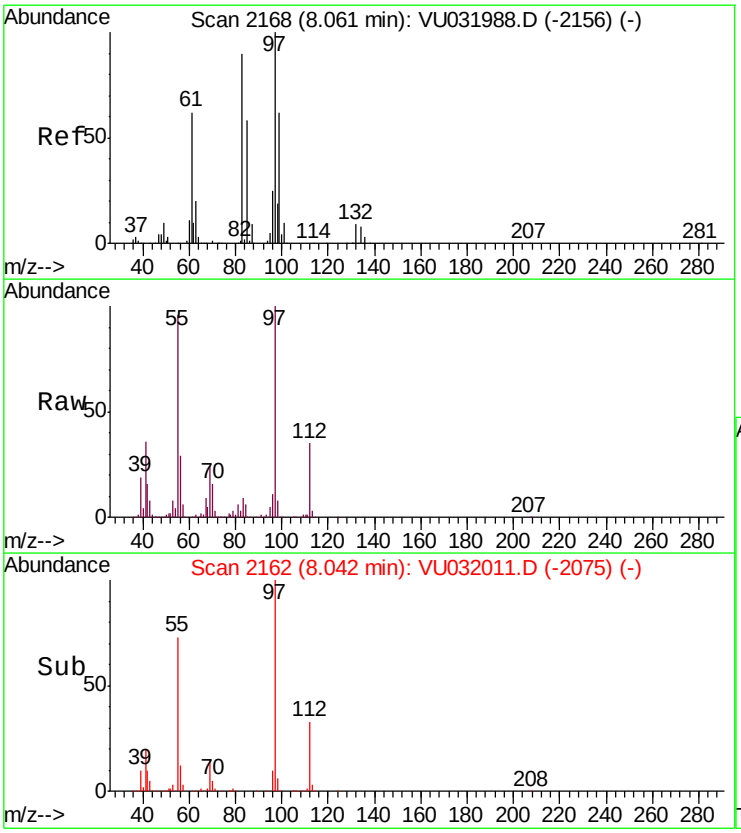
#44
trans-1,3-Dichloropropene
Concen: 0.734 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Instrument :
MSVOA_U
ClientSampleId :
DB898

Tgt Ion: 75 Resp: 9246

Ion	Ratio	Lower	Upper
75	100		
77	260.9	22.5	41.7#

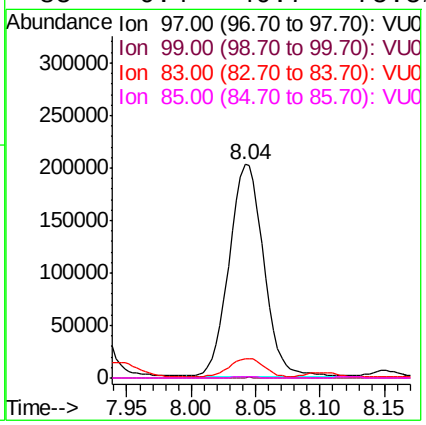


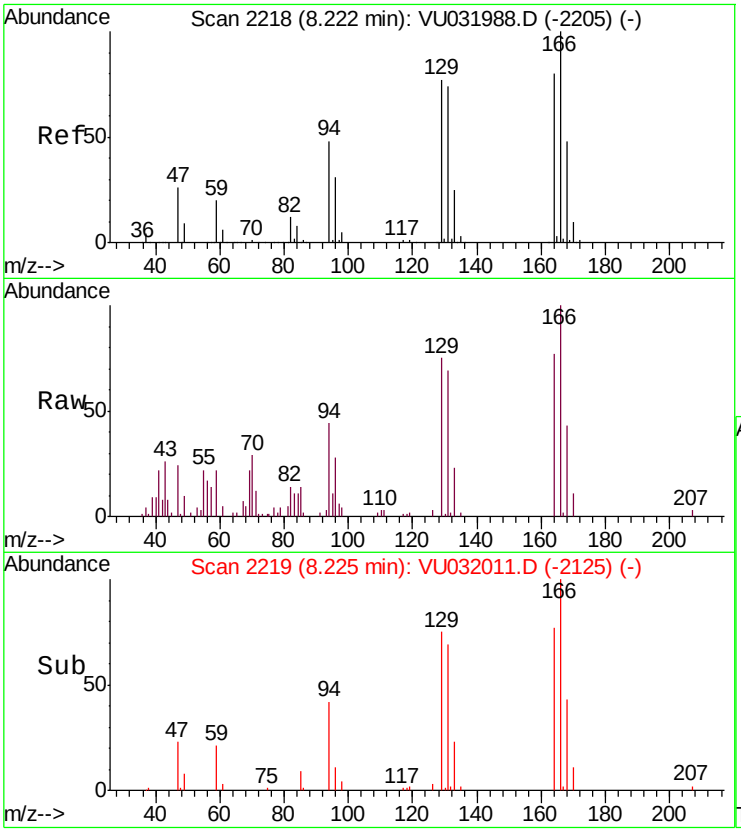


#45
1,1,2-Trichloroethane
Concen: 41.095 ug/L
RT: 8.04 min Scan# 2162
Delta R.T. -0.02 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Tgt Ion: 97 Resp: 380488

Ion	Ratio	Lower	Upper
97	100		
99	0.3	44.4	82.4#
83	8.8	63.8	118.4#
85	0.4	40.7	75.5#



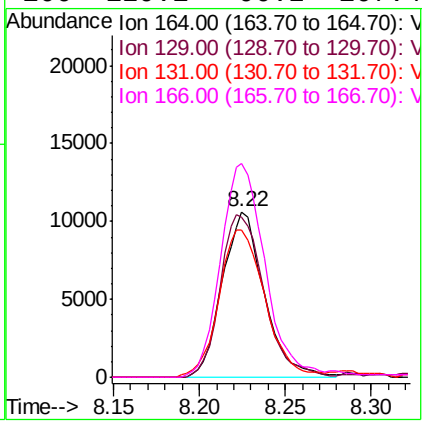


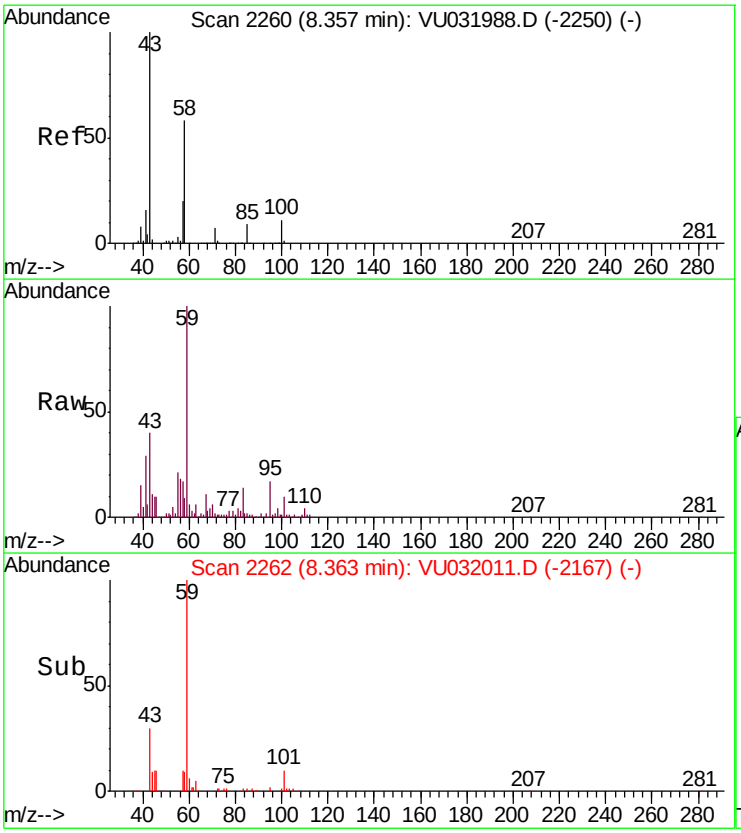
#46
Tetrachloroethene
Concen: 2.744 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Instrument : MSVOA_U
ClientSampleId : DB898

Tgt Ion:164 Resp: 18039

Ion	Ratio	Lower	Upper
164	100		
129	96.8	70.9	131.7
131	88.9	67.4	125.2
166	129.1	90.2	167.4

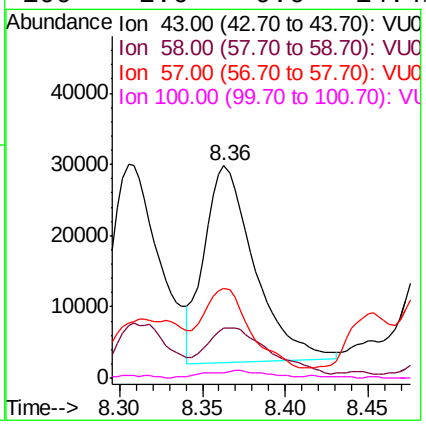


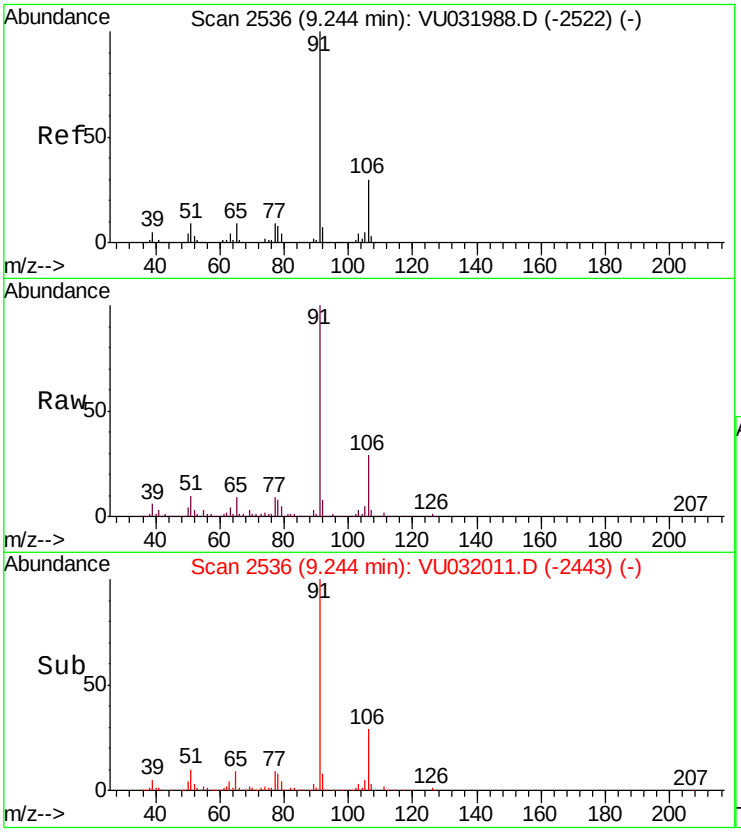


#48
2-Hexanone
Concen: 5.270 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Tgt Ion: 43 Resp: 58596

Ion	Ratio	Lower	Upper
43	100		
58	28.3	47.8	71.6#
57	37.0	16.0	24.0#
100	2.6	9.6	14.4#



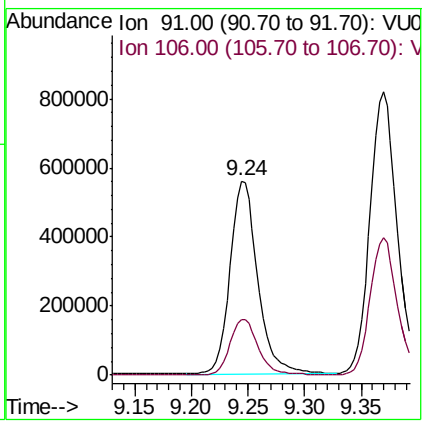


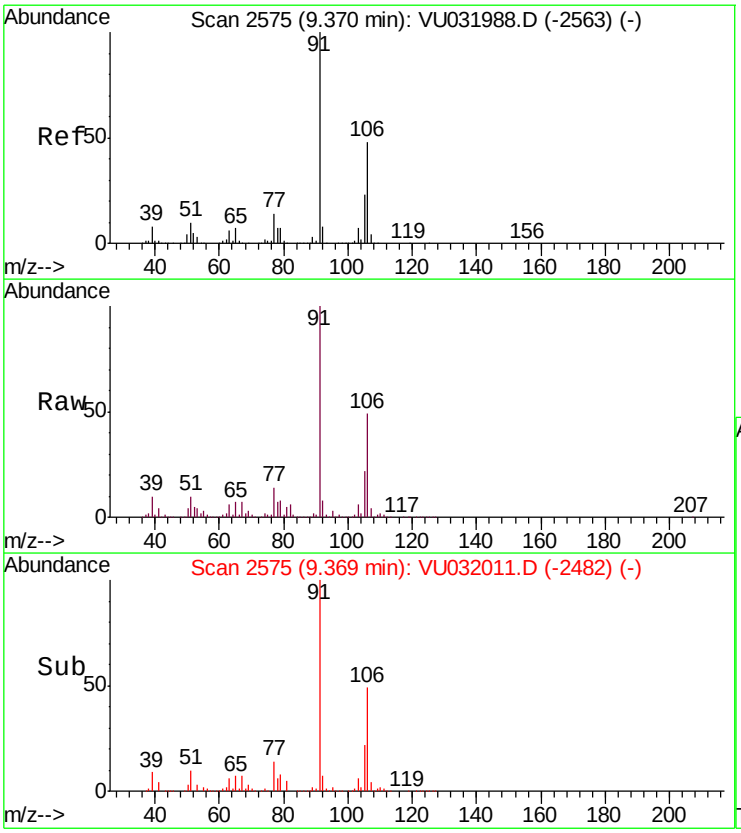
#52
Ethylbenzene
Concen: 23.136 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Instrument : MSVOA_U
ClientSampleId : DB898

Tgt Ion: 91 Resp: 955128

Ion	Ratio	Lower	Upper
91	100		
106	29.0	21.3	39.5

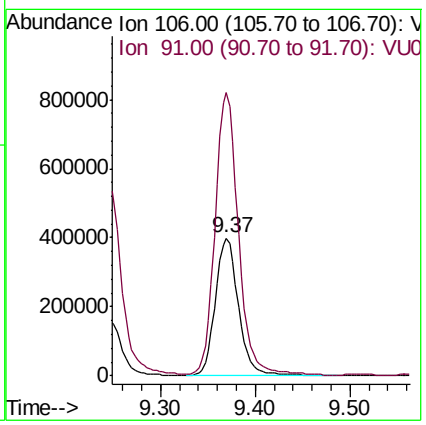


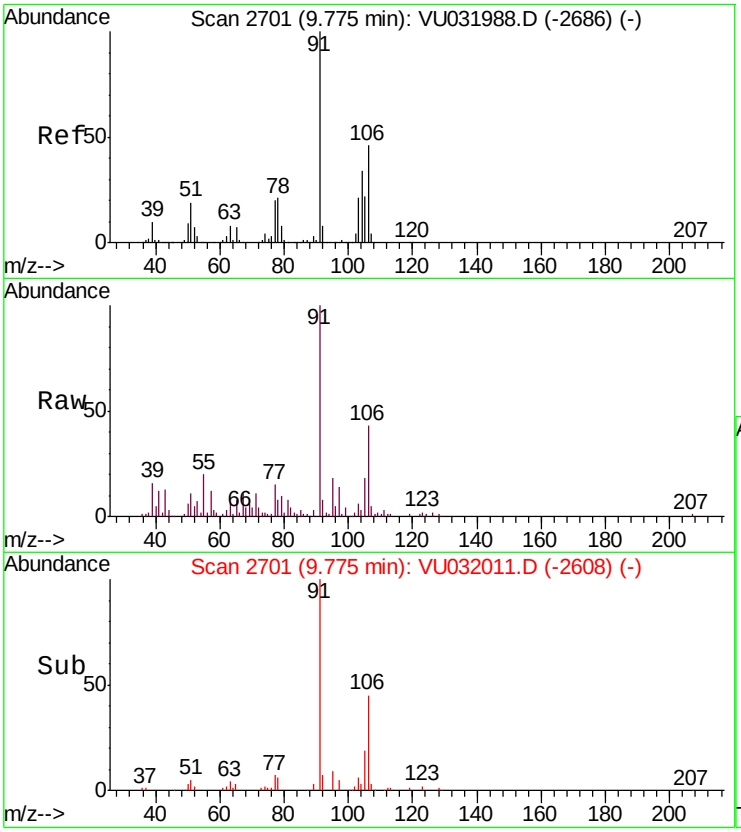


#53
m,p-Xylene
Concen: 45.212 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Tgt Ion:106 Resp: 681165

Ion	Ratio	Lower	Upper
106	100		
91	205.8	144.8	269.0



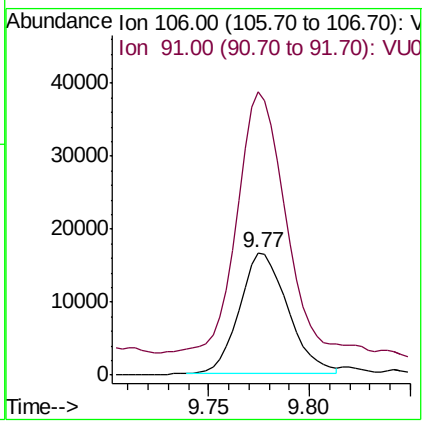


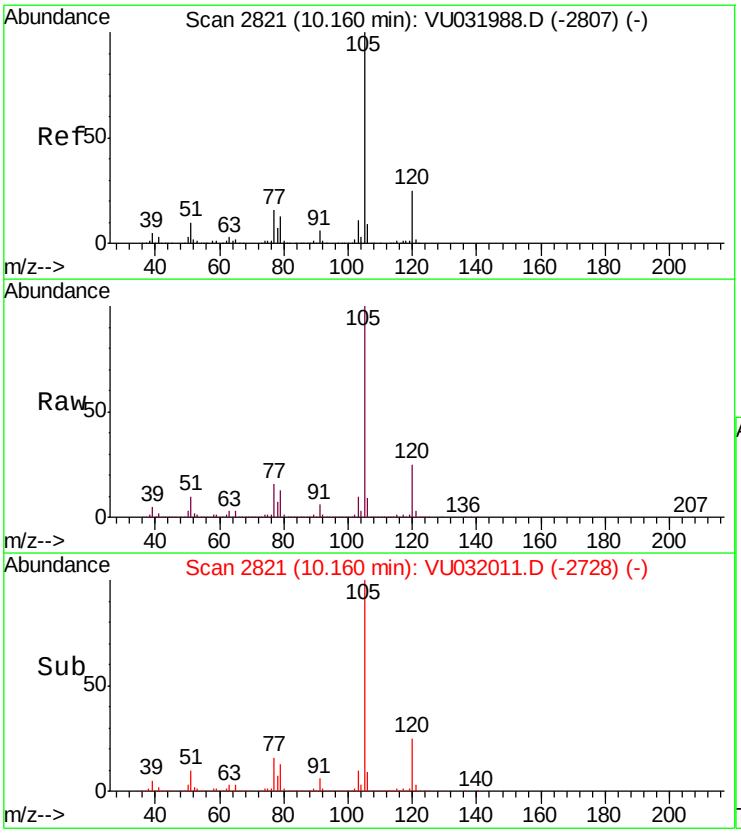
#54
o-xylene
Concen: 1.850 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Instrument :
MSVOA_U
ClientSampleId :
DB898

Tgt Ion:106 Resp: 27518

Ion	Ratio	Lower	Upper
106	100		
91	231.0	153.9	285.7

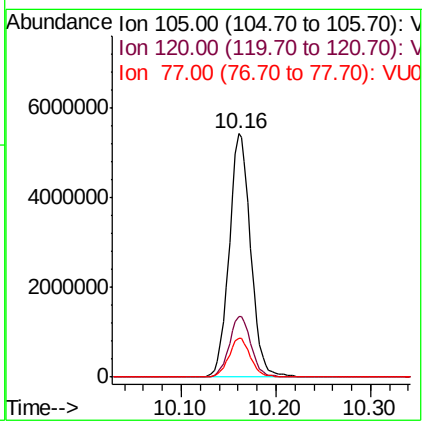


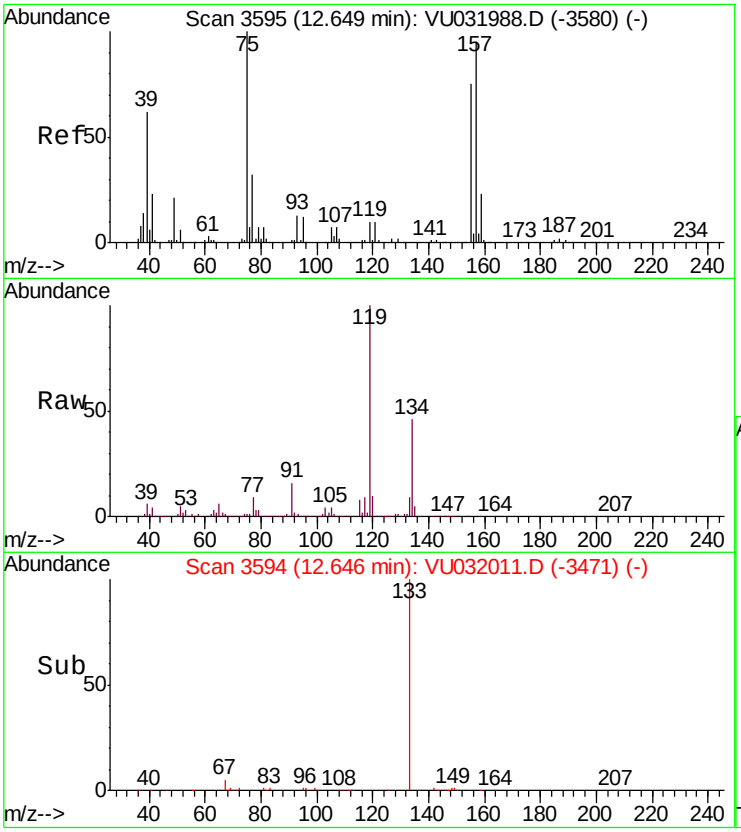


#56
Isopropylbenzene
Concen: 224.013 ug/L
RT: 10.16 min Scan# 2821
Delta R.T. -0.00 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Tgt Ion:105 Resp: 8538262

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.5	30.7
77	16.1	13.0	19.4



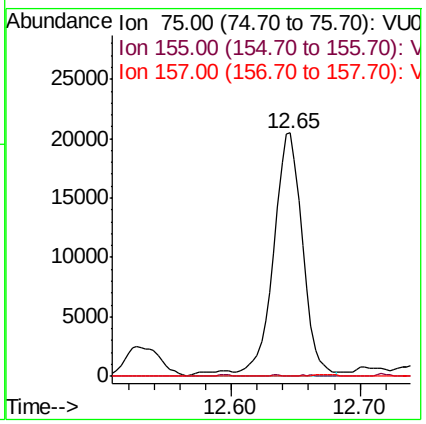


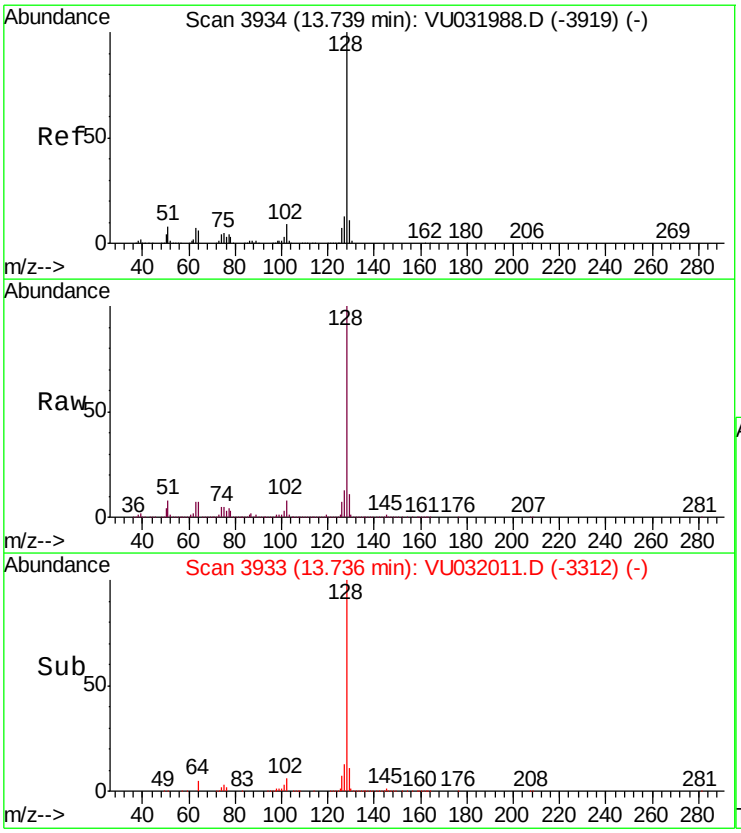
#66
1,2-Dibromo-3-chloropropane
Concen: 9.027 ug/L
RT: 12.65 min Scan# 3594
Delta R.T. -0.00 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Instrument :
MSVOA_U
ClientSampleId :
DB898

Tgt Ion: 75 Resp: 32628

Ion	Ratio	Lower	Upper
75	100		
155	0.0	63.8	95.8#
157	0.0	80.2	120.2#





#69
Naphthalene
Concen: 58.907 ug/L
RT: 13.74 min Scan# 3933
Delta R.T. -0.00 min
Lab File: VU032011.D
Acq: 14 May 2019 21:45

Tgt Ion:128 Resp: 1912831

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	11.6	8.6	13.0