Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052419\

Quantitation Report (Not Reviewed)

Data File : VU032304.D
Acq On : 24 May 2019 11:28
Operator : JC/SP
Sample : K3001-12 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 59 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YF7

Quant Time: May 24 23:36:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:32:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	786278	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	774554	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	348023	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	217363	52.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.78%			
7) Chloroethane-d5	1.67	69	203334	51.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.10%			
11) 1,1-Dichloroethene-d2	2.27	63	323978	39.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.48%			
21) 2-Butanone-d5	4.17	46	349041	89.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.01%			
24) Chloroform-d	4.64	84	466824	44.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.10%			
26) 1,2-Dichloroethane-d4	5.30	65	292754	44.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.96%			
32) Benzene-d6	5.33	84	968458	49.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.22%			
36) 1,2-Dichloropropane-d6	6.32	67	295298	47.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.08%			
41) Toluene-d8	7.56	98	883695	48.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.90%			
43) trans-1,3-Dichloropropene-	7.85	79	134536	46.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.20%			
47) 2-Hexanone-d5	8.31	63	230450	87.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.31%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	454533	43.35	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.70%			
64) 1,2-Dichlorobenzene-d4	11.85	152	361192	49.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.76%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3458	0.836	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2637	0.572	ug/L #	1
13) Acetone	2.32	43	1845	0.584	ug/L	50
35) Methylcyclohexane	6.41	83	10384	1.564	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	7044	0.833	ug/L	83
42) Toluene	7.63	91	4126700	176.888	ug/L	100
48) 2-Hexanone	8.36	43	9090	1.463	ug/L #	37
52) Ethylbenzene	9.25	91	177813	7.499	ug/L	100
53) m,p-Xylene	9.37	106	209696	22.913	ug/L	98
54) o-xylene	9.77	106	61067	6.399	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	36502	4.279	ug/L	96

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

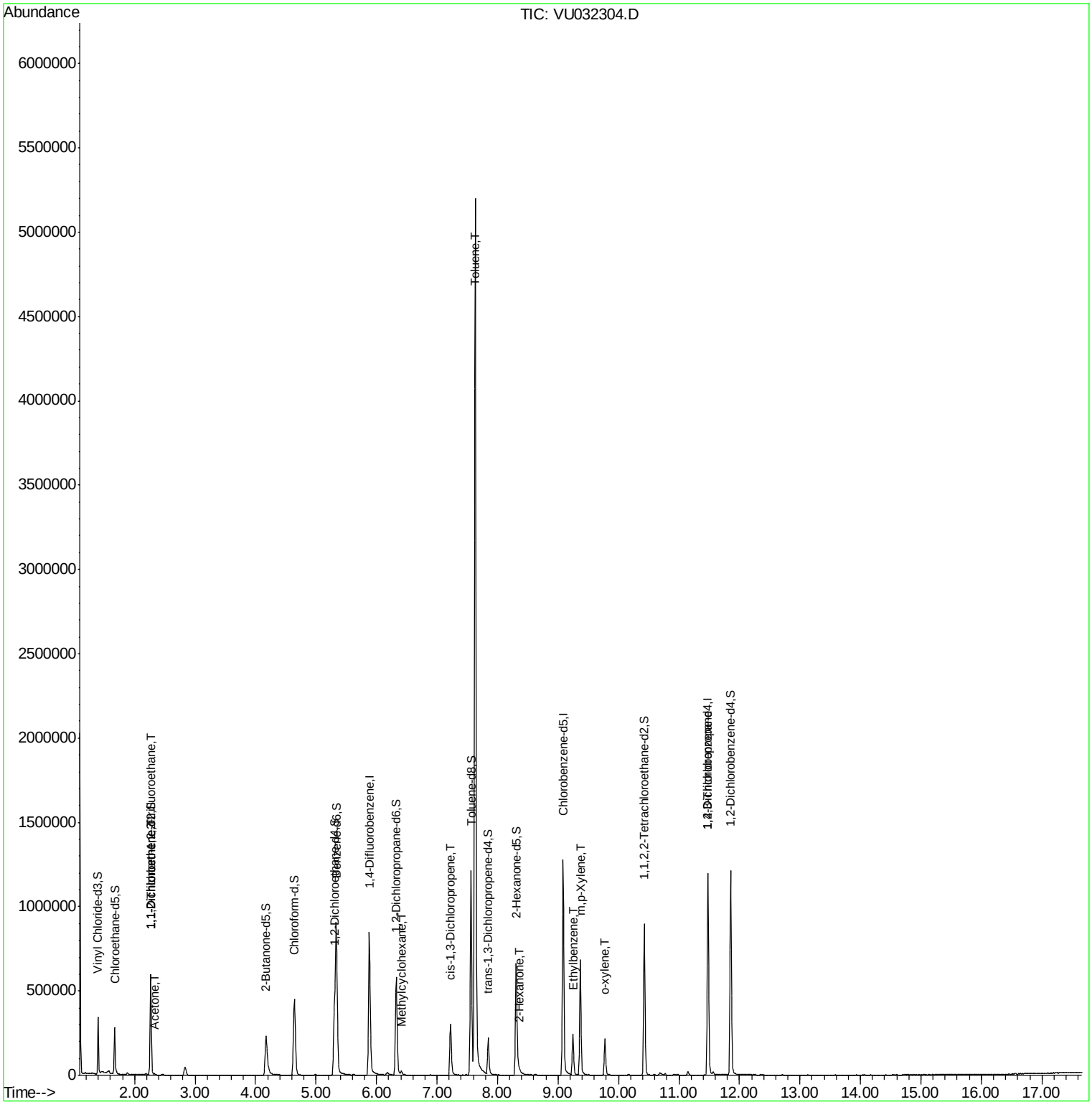
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052419\

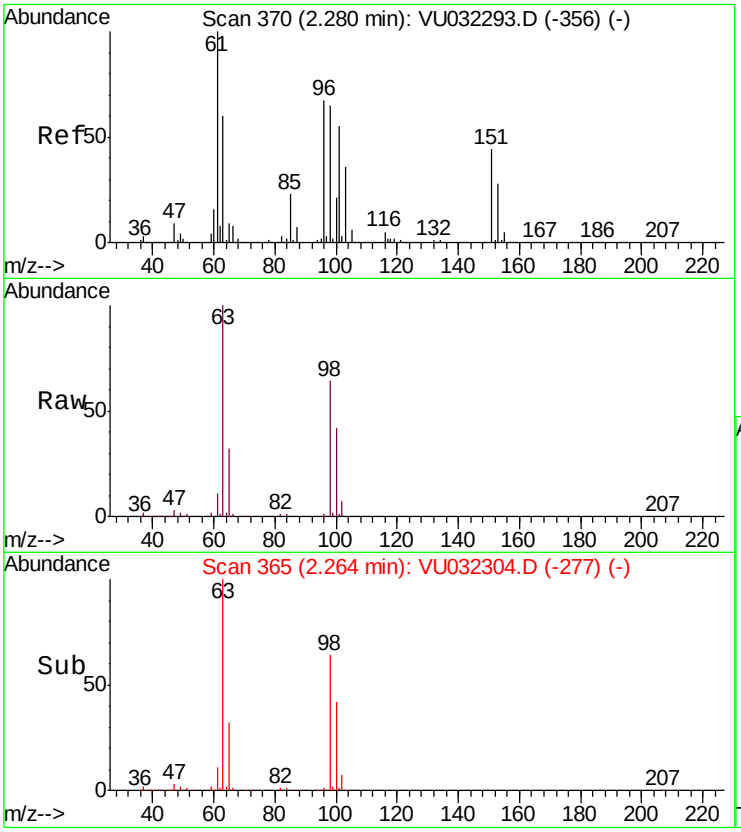
Quantitation Report (Not Reviewed)

Data File : VU032304.D
Acq On : 24 May 2019 11:28
Operator : JC/SP
Sample : K3001-12 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YF7

Quant Time: May 24 23:36:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:32:32 2019
Response via : Initial Calibration



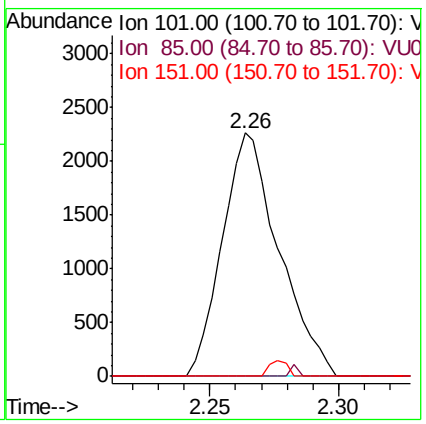


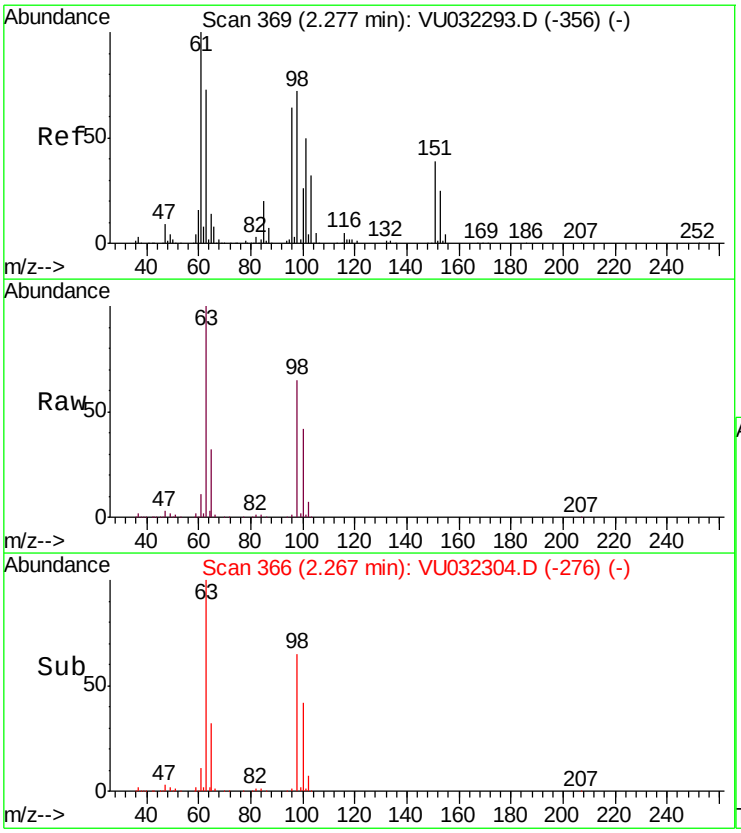
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.836 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU032304.D
Acq: 24 May 2019 11:28

Instrument : MSVOA_U
ClientSampleId : E3YF7

Tgt Ion:101 Resp: 3458

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.8	49.2#
151	2.1	63.5	95.3#

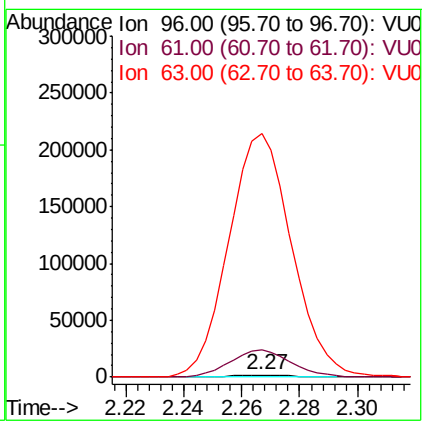


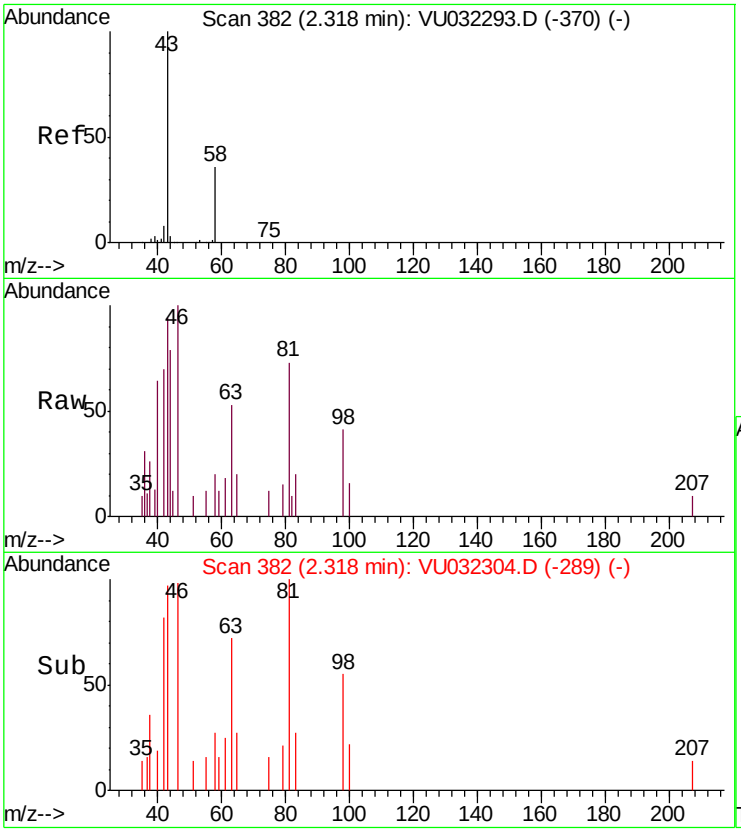


#12
1,1-Dichloroethene
Concen: 0.572 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032304.D
Acq: 24 May 2019 11:28

Tgt Ion: 96 Resp: 2637

Ion	Ratio	Lower	Upper
96	100		
61	1327.3	108.0	200.6#
63	12095.7	85.5	158.7#



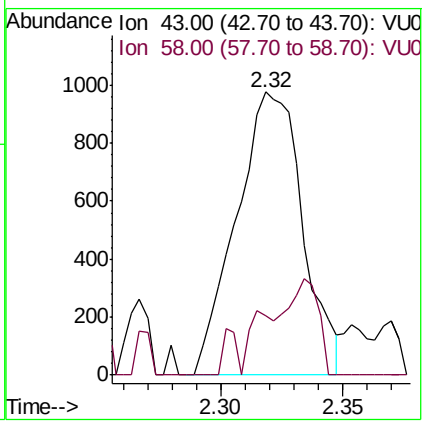


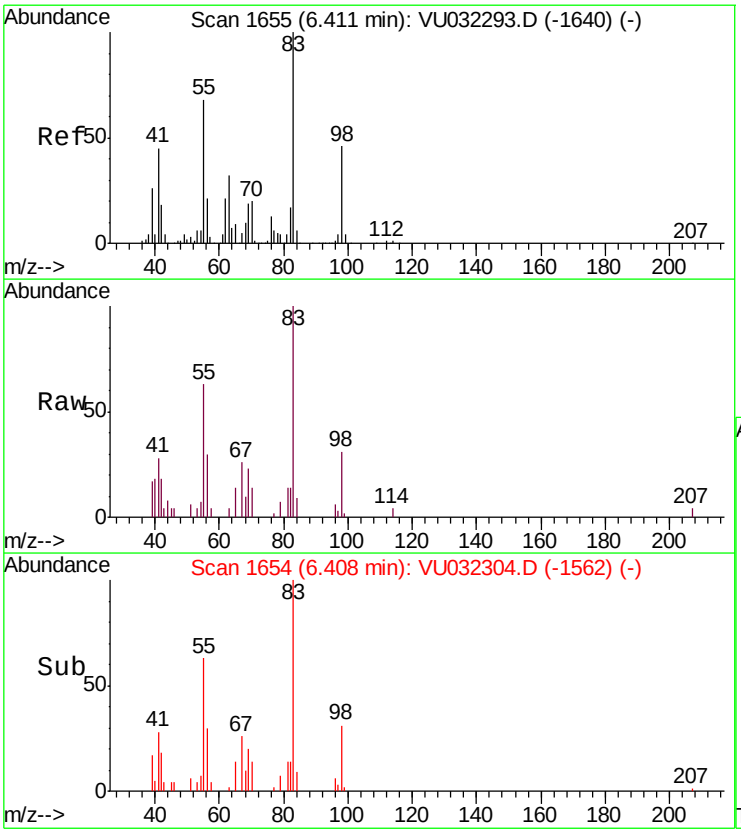
#13
Acetone
Concen: 0.584 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU032304.D
Acq: 24 May 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
E3YF7

Tgt Ion: 43 Resp: 1845

Ion	Ratio	Lower	Upper
43	100		
58	8.1	0.0	77.2

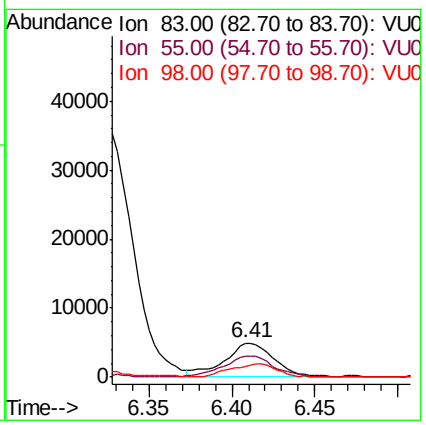


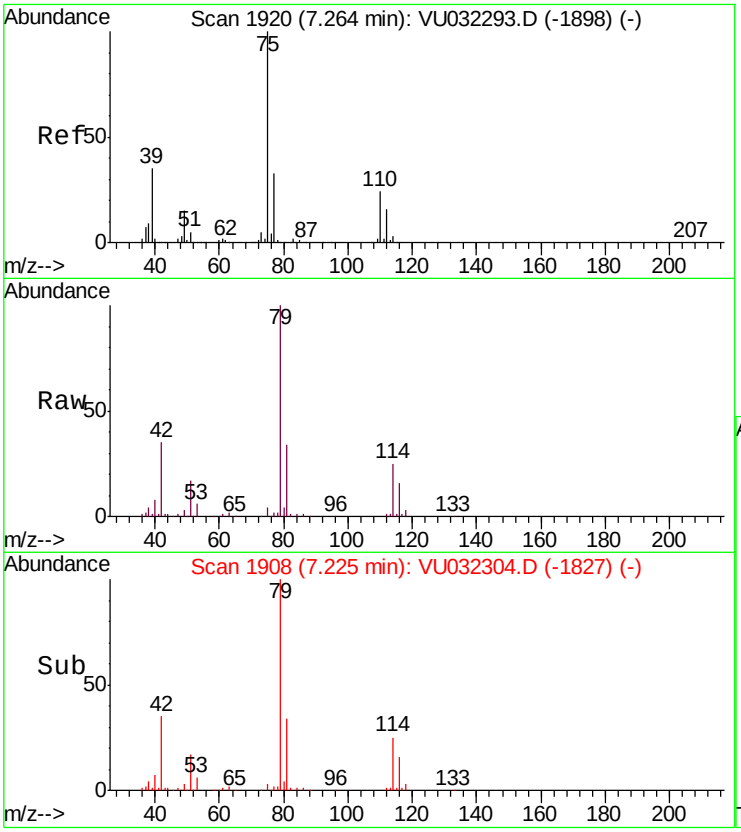


#35
Methylcyclohexane
Concen: 1.564 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU032304.D
Acq: 24 May 2019 11:28

Tgt Ion: 83 Resp: 10384

Ion	Ratio	Lower	Upper
83	100		
55	62.0	56.1	84.1
98	36.8	36.8	55.2#



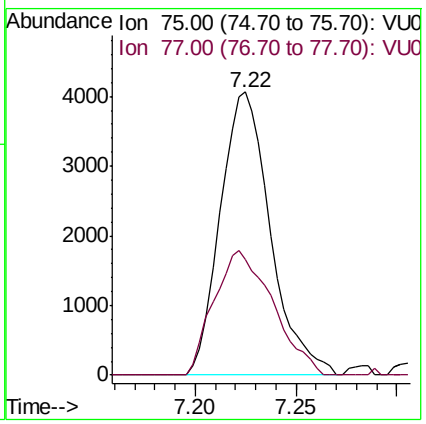


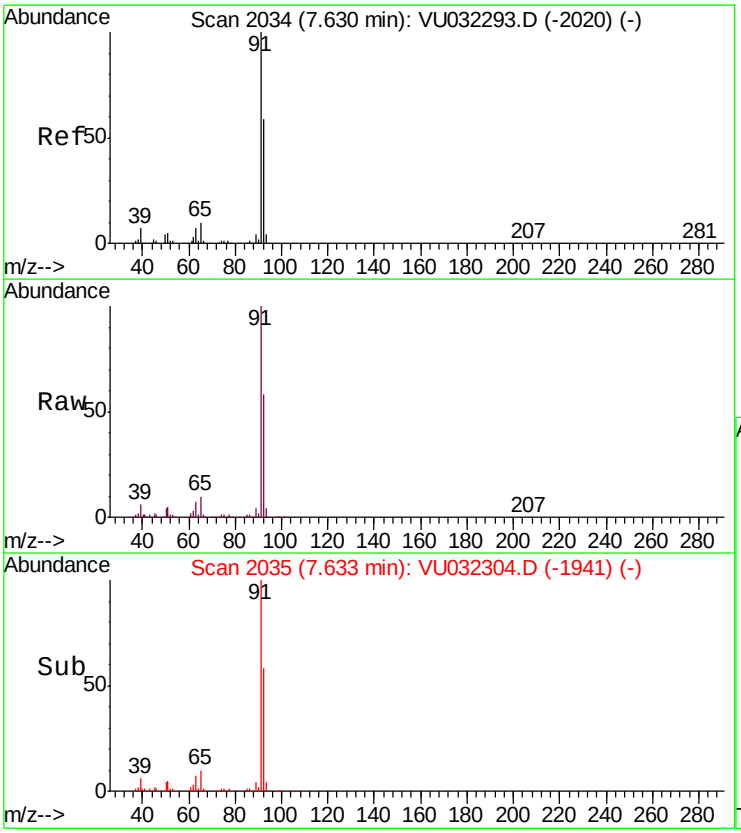
#39
cis-1,3-Dichloropropene
Concen: 0.833 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032304.D
Acq: 24 May 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
E3YF7

Tgt Ion: 75 Resp: 7044

Ion	Ratio	Lower	Upper
75	100		
77	40.9	22.1	41.1

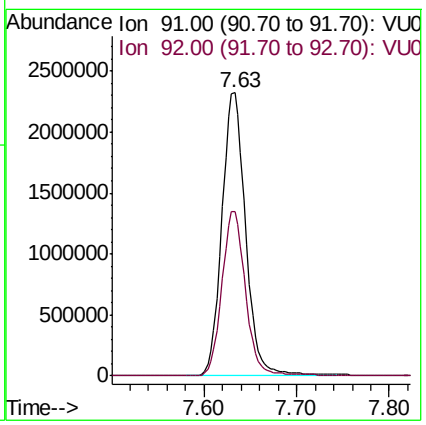


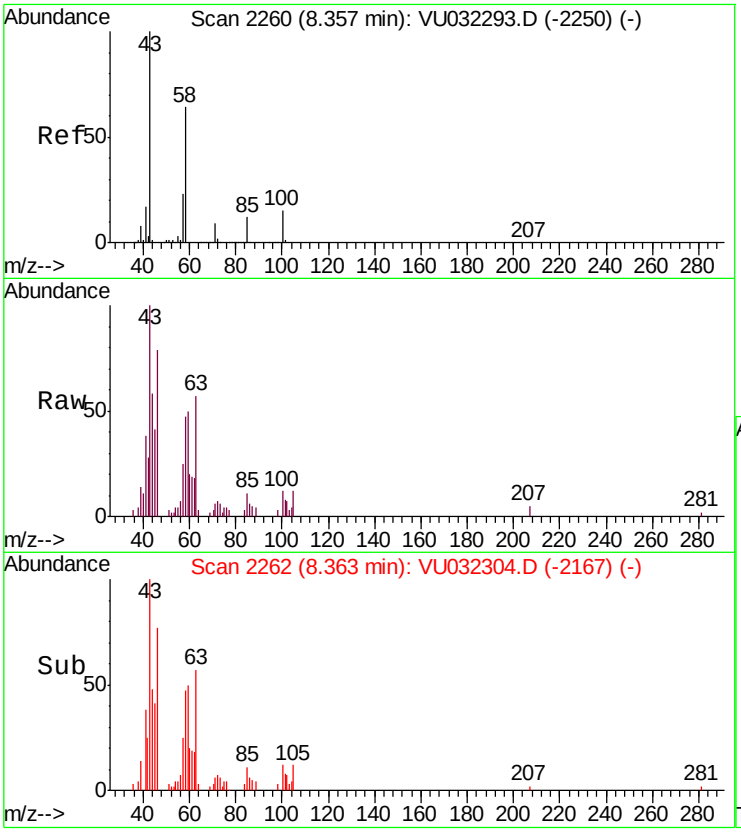


#42
Toluene
Concen: 176.888 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032304.D
Acq: 24 May 2019 11:28

Tgt Ion: 91 Resp: 4126700

Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.3	74.9



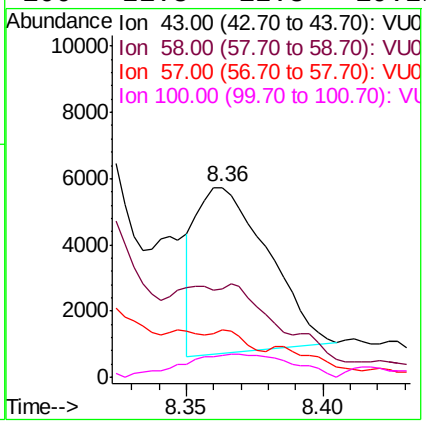


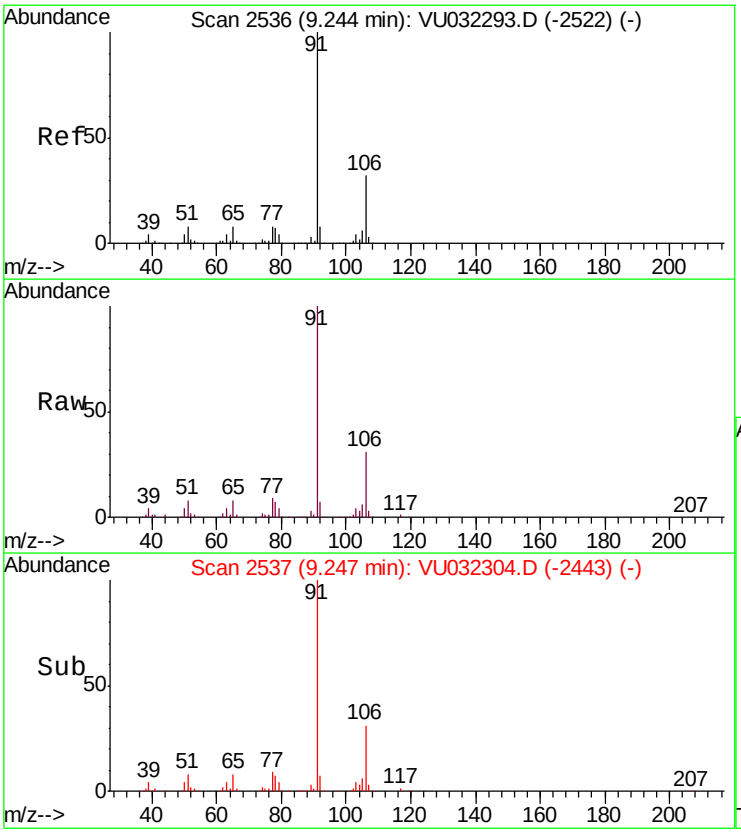
#48
2-Hexanone
Concen: 1.463 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032304.D
Acq: 24 May 2019 11:28

Instrument : MSVOA_U
ClientSampleId : E3YF7

Tgt Ion: 43 Resp: 9090

Ion	Ratio	Lower	Upper
43	100		
58	0.0	51.4	77.0#
57	1.4	17.8	26.8#
100	21.3	12.8	19.2#

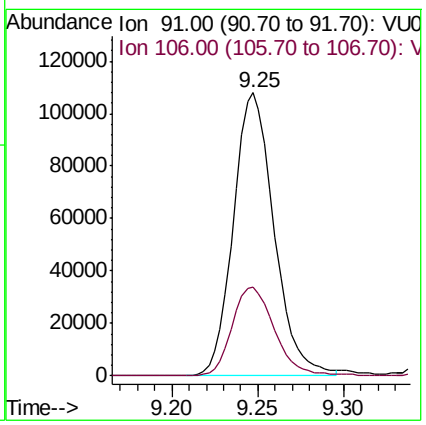


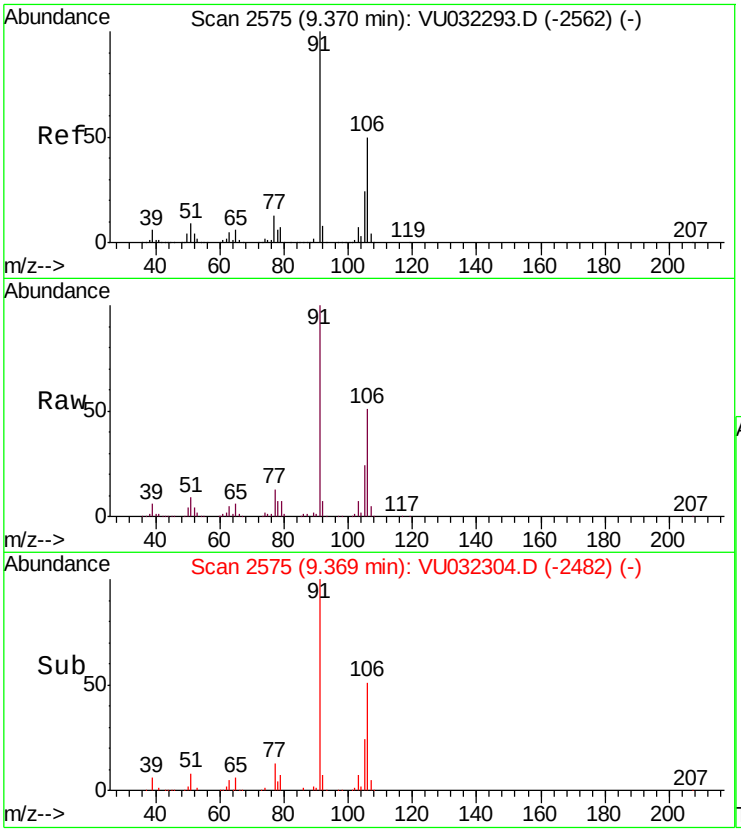


#52
Ethylbenzene
Concen: 7.499 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU032304.D
Acq: 24 May 2019 11:28

Tgt Ion: 91 Resp: 177813

Ion	Ratio	Lower	Upper
91	100		
106	31.2	22.0	41.0



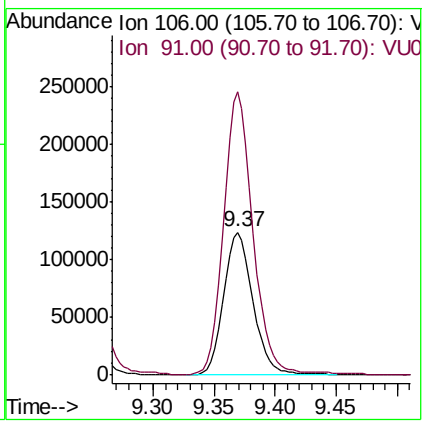


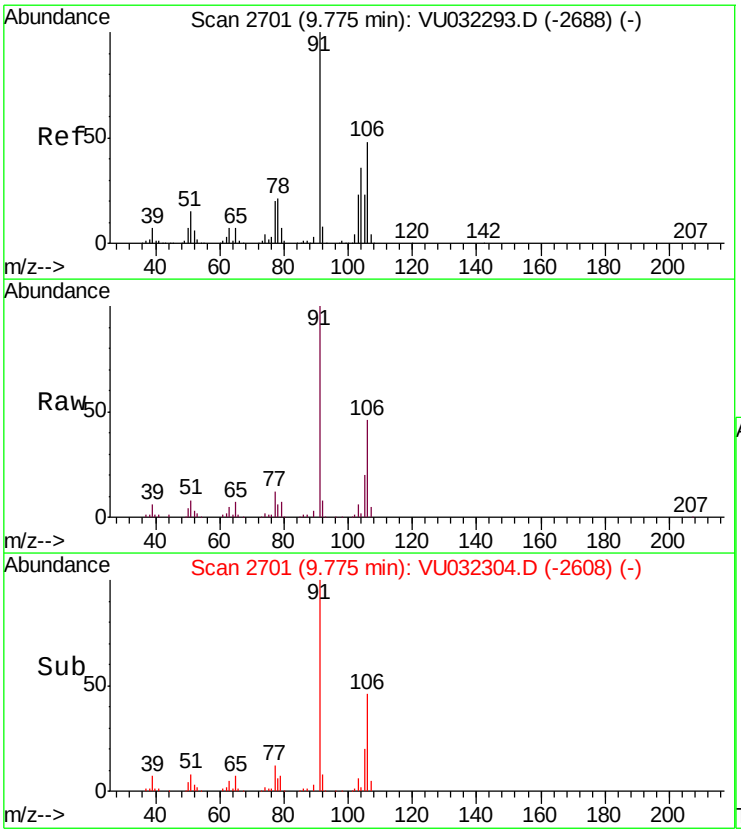
#53
m,p-Xylene
Concen: 22.913 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU032304.D
Acq: 24 May 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
E3YF7

Tgt Ion:106 Resp: 209696

Ion	Ratio	Lower	Upper
106	100		
91	197.9	136.5	253.5

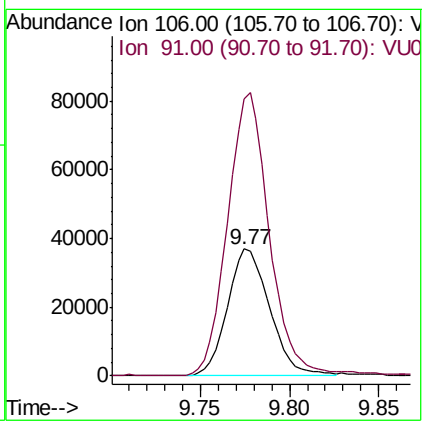


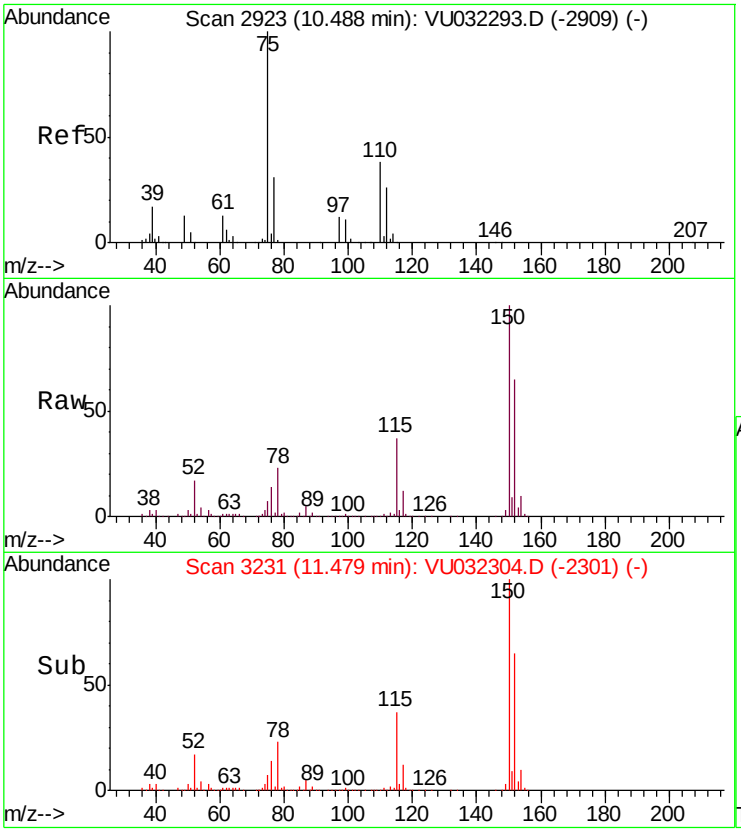


#54
o-xylene
Concen: 6.399 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU032304.D
Acq: 24 May 2019 11:28

Tgt Ion:106 Resp: 61067

Ion	Ratio	Lower	Upper
106	100		
91	218.0	150.3	279.1





#59
1,2,3-Trichloropropane
Concen: 4.279 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032304.D
Acq: 24 May 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
E3YF7

Tgt Ion: 75 Resp: 36502

Ion	Ratio	Lower	Upper
75	100		
77	34.5	25.7	38.5