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

Quantitation Report (Not Reviewed)

Data File : VU032302.D
Acq On : 24 May 2019 10:38
Operator : JC/SP
Sample : K3001-09 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YF4

Quant Time: May 24 23:35:43 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	750113	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	729427	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	316871	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	231867	59.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 118.26%			
7) Chloroethane-d5	1.67	69	210119	55.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.68%			
11) 1,1-Dichloroethene-d2	2.27	63	319979	41.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.30%			
21) 2-Butanone-d5	4.17	46	342114	91.45	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.45%			
24) Chloroform-d	4.64	84	466953	46.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.42%			
26) 1,2-Dichloroethane-d4	5.30	65	296494	47.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.44%			
32) Benzene-d6	5.33	84	955571	51.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.90%			
36) 1,2-Dichloropropane-d6	6.32	67	293620	49.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.32%			
41) Toluene-d8	7.56	98	828747	48.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.50%			
43) trans-1,3-Dichloropropene-	7.85	79	121191	44.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.16%			
47) 2-Hexanone-d5	8.31	63	237893	95.70	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.70%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	444869	45.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.10%			
64) 1,2-Dichlorobenzene-d4	11.86	152	336182	50.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.96%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2929	0.742	ug/L #	22
12) 1,1-Dichloroethene	2.26	96	2555	0.581	ug/L #	1
13) Acetone	2.32	43	4703	1.560	ug/L	97
35) Methylcyclohexane	6.41	83	14107	2.256	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	6519	0.819	ug/L #	69
42) Toluene	7.63	91	250366	11.396	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	4827	0.687	ug/L	95
52) Ethylbenzene	9.25	91	72705	3.256	ug/L	99
53) m,p-Xylene	9.37	106	2110368	244.863	ug/L	100
54) o-xylene	9.78	106	4720	0.525	ug/L	98
56) Isopropylbenzene	10.17	105	23796	1.134	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	32225	4.012	ug/L	89

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

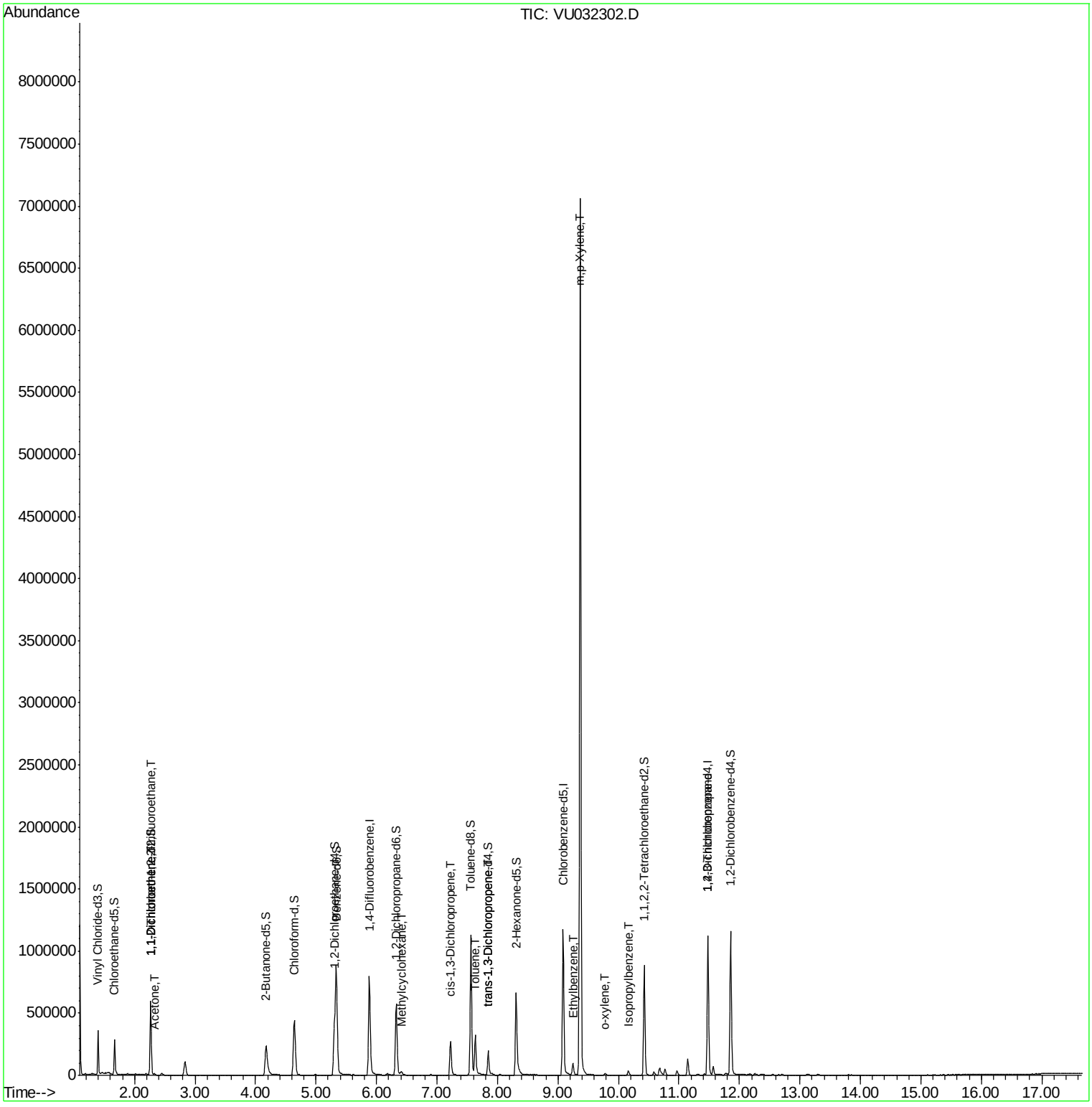
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052419\

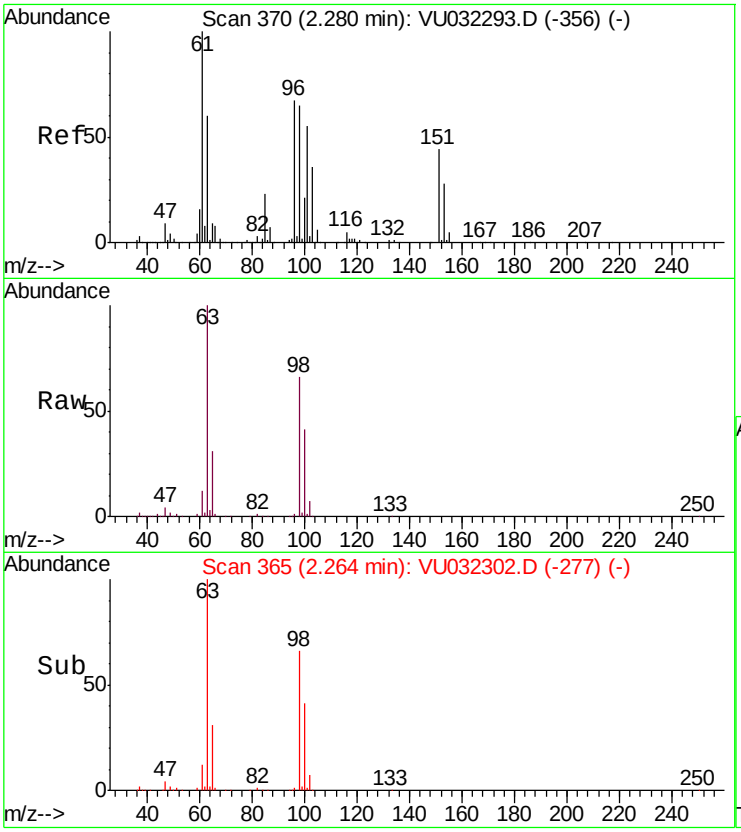
Quantitation Report (Not Reviewed)

Data File : VU032302.D
Acq On : 24 May 2019 10:38
Operator : JC/SP
Sample : K3001-09 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YF4

Quant Time: May 24 23:35:43 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



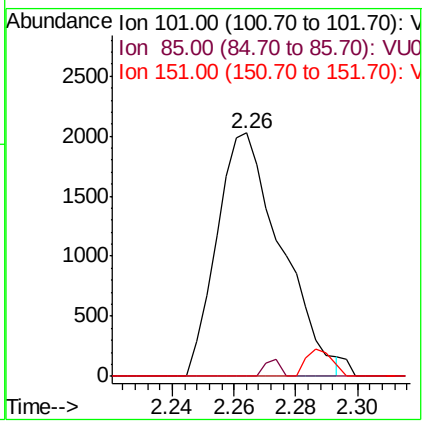


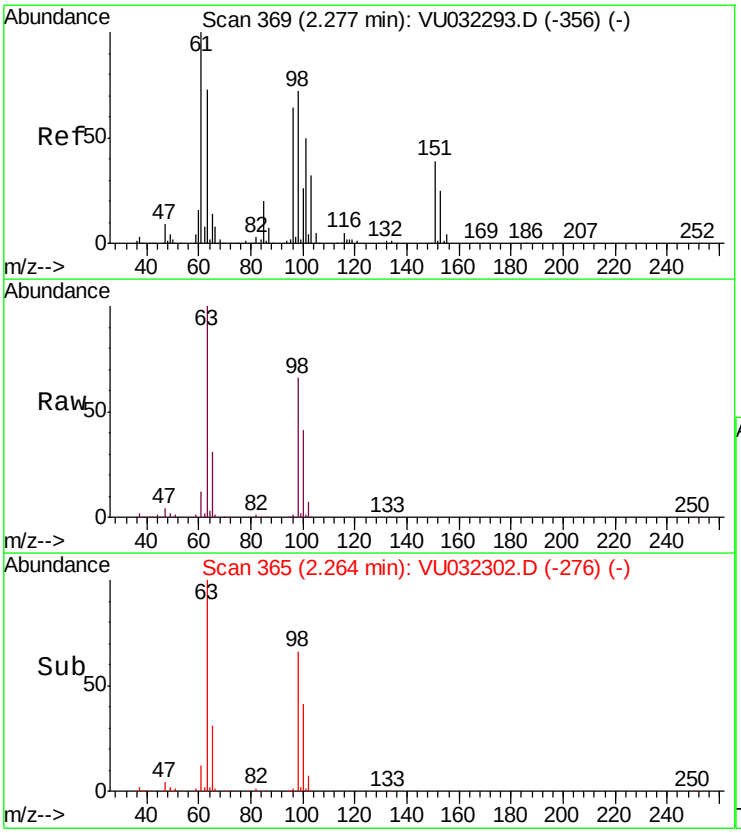
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.742 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU032302.D
Acq: 24 May 2019 10:38

Instrument :
MSVOA_U
ClientSampleId :
E3YF4

Tgt Ion:101 Resp: 2929

Ion	Ratio	Lower	Upper
101	100		
85	1.6	32.8	49.2#
151	4.5	63.5	95.3#

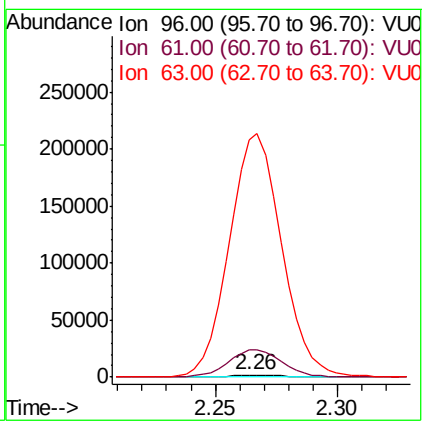


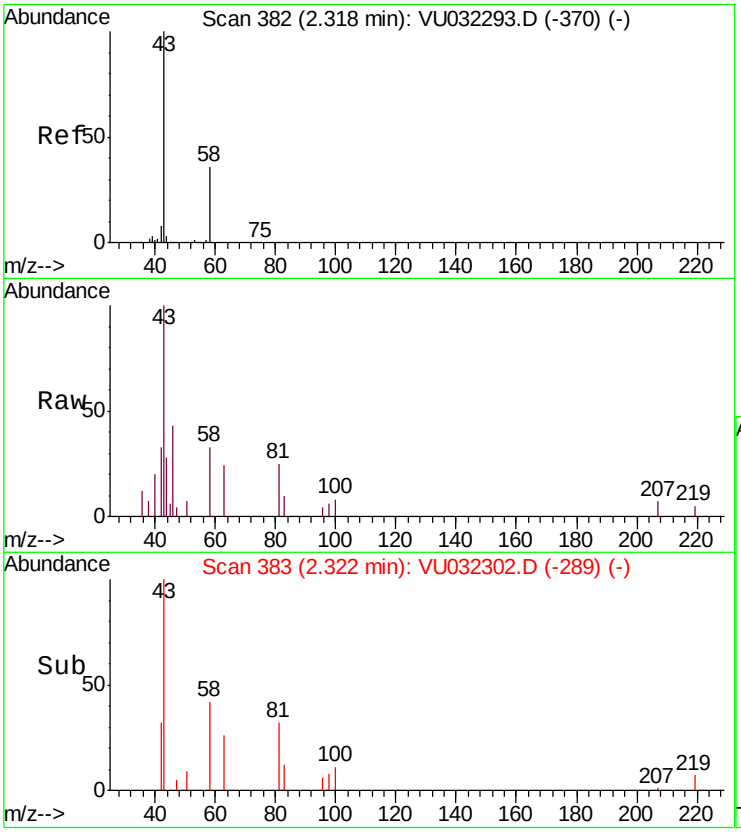


#12
1,1-Dichloroethene
Concen: 0.581 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: VU032302.D
Acq: 24 May 2019 10:38

Tgt Ion: 96 Resp: 2555

Ion	Ratio	Lower	Upper
96	100		
61	1466.5	108.0	200.6#
63	12667.5	85.5	158.7#



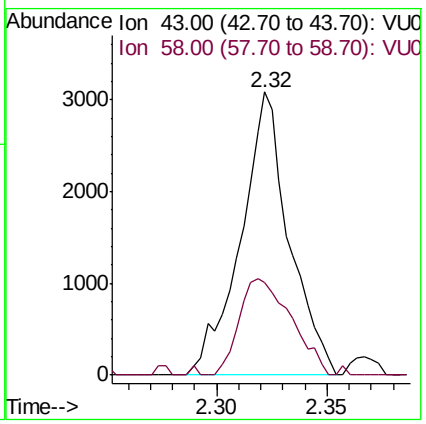


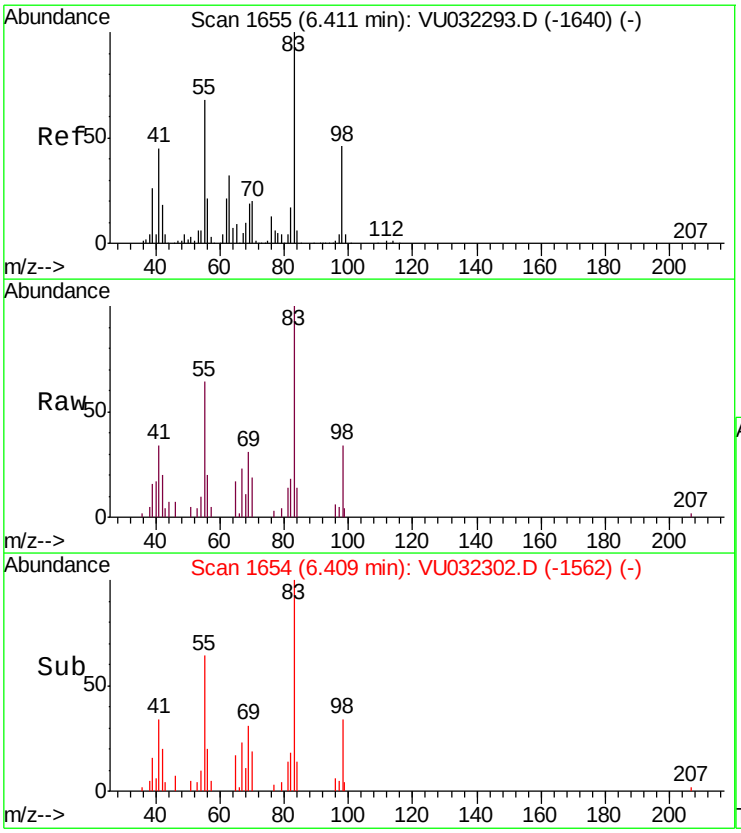
#13
Acetone
Concen: 1.560 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU032302.D
Acq: 24 May 2019 10:38

Instrument :
MSVOA_U
ClientSampleId :
E3YF4

Tgt Ion: 43 Resp: 4703

Ion	Ratio	Lower	Upper
43	100		
58	36.6	0.0	77.2

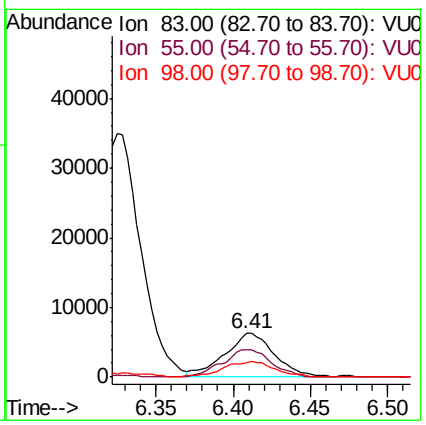


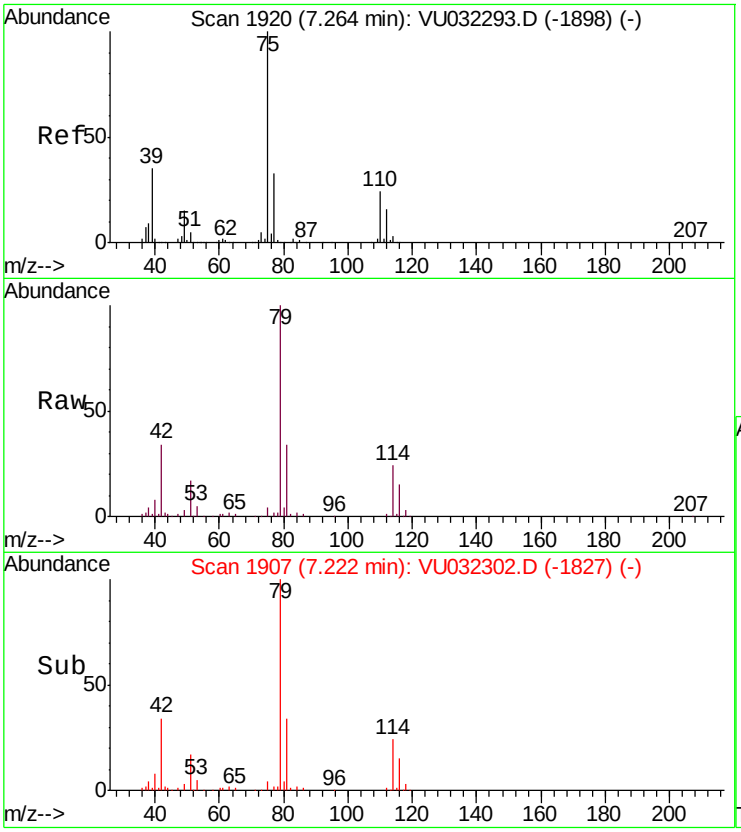


#35
Methylcyclohexane
Concen: 2.256 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU032302.D
Acq: 24 May 2019 10:38

Tgt Ion: 83 Resp: 14107

Ion	Ratio	Lower	Upper
83	100		
55	61.5	56.1	84.1
98	36.6	36.8	55.2#



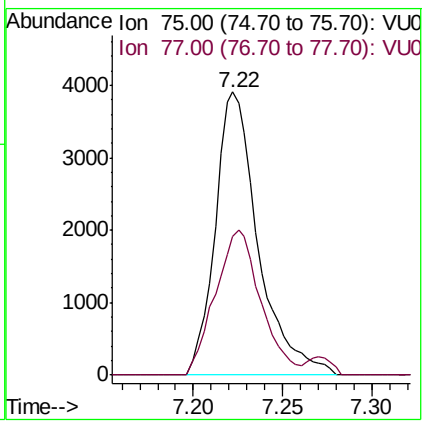


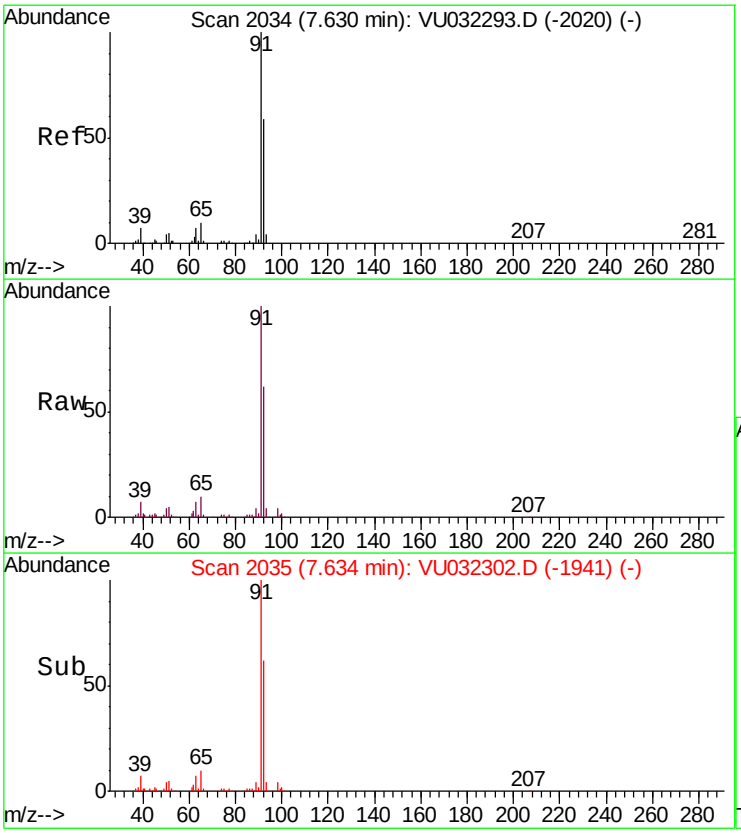
#39
cis-1,3-Dichloropropene
Concen: 0.819 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032302.D
Acq: 24 May 2019 10:38

Instrument :
MSVOA_U
ClientSampleId :
E3YF4

Tgt Ion: 75 Resp: 6519

Ion	Ratio	Lower	Upper
75	100		
77	49.0	22.1	41.1#

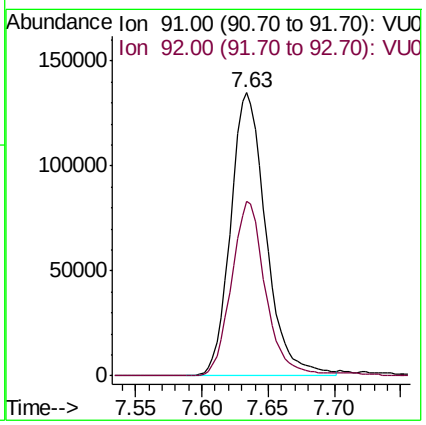


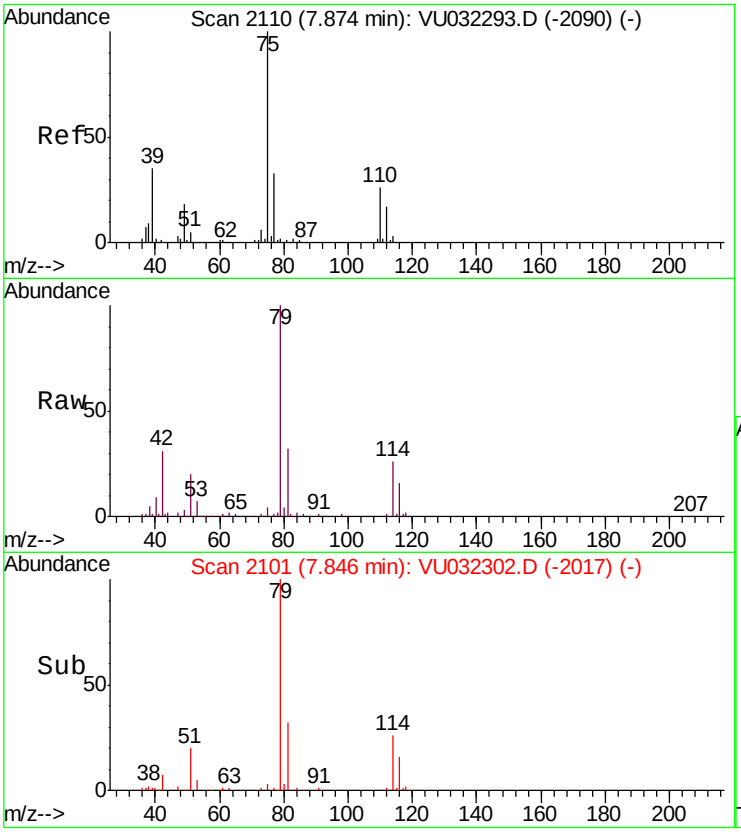


#42
Toluene
Concen: 11.396 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032302.D
Acq: 24 May 2019 10:38

Tgt Ion: 91 Resp: 250366

Ion	Ratio	Lower	Upper
91	100		
92	61.7	40.3	74.9



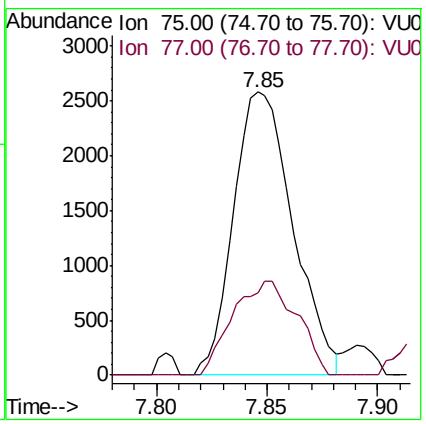


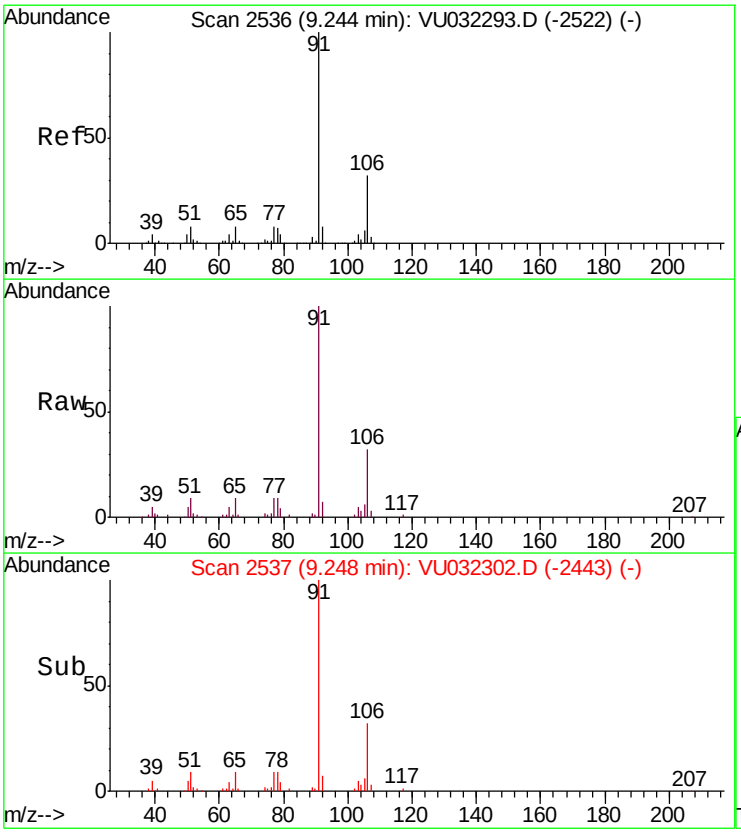
#44
trans-1,3-Dichloropropene
Concen: 0.687 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032302.D
Acq: 24 May 2019 10:38

Instrument :
MSVOA_U
ClientSampleId :
E3YF4

Tgt Ion: 75 Resp: 4827

Ion	Ratio	Lower	Upper
75	100		
77	29.1	22.4	41.6

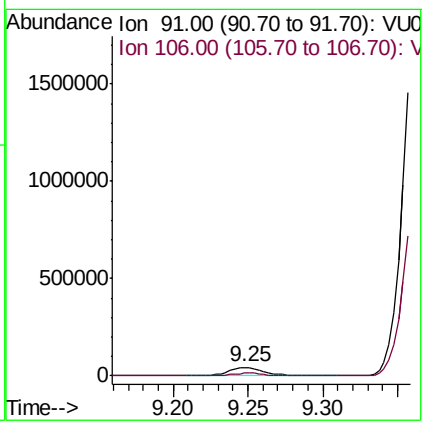


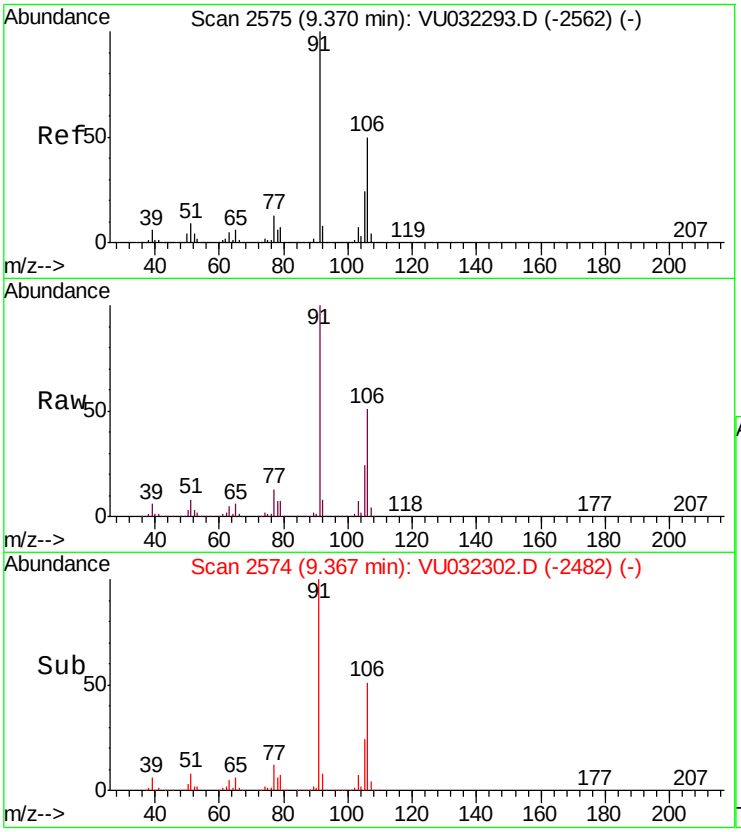


#52
Ethylbenzene
Concen: 3.256 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU032302.D
Acq: 24 May 2019 10:38

Tgt Ion: 91 Resp: 72705

Ion	Ratio	Lower	Upper
91	100		
106	32.3	22.0	41.0



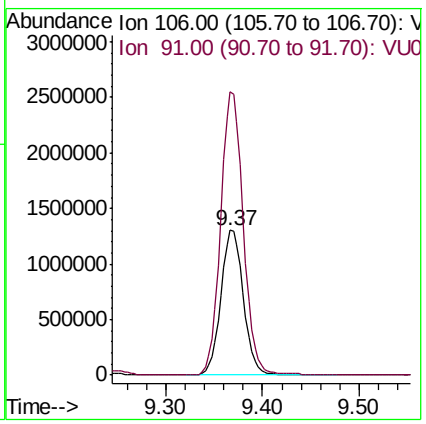


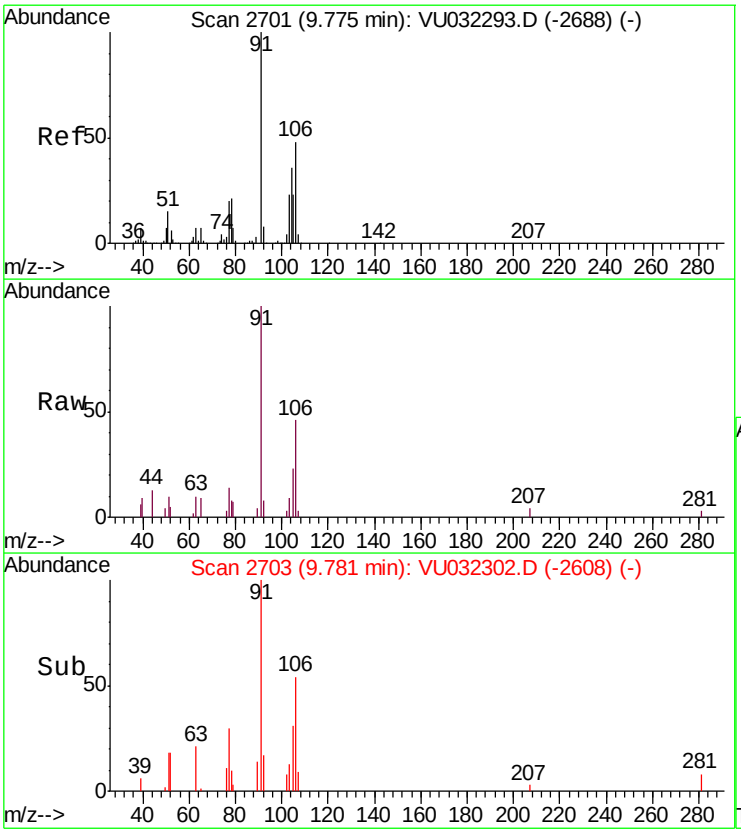
#53
m,p-Xylene
Concen: 244.863 ug/L
RT: 9.37 min Scan# 2574
Delta R.T. -0.00 min
Lab File: VU032302.D
Acq: 24 May 2019 10:38

Instrument :
MSVOA_U
ClientSampleId :
E3YF4

Tgt Ion:106 Resp: 2110368

Ion	Ratio	Lower	Upper
106	100		
91	195.7	136.5	253.5

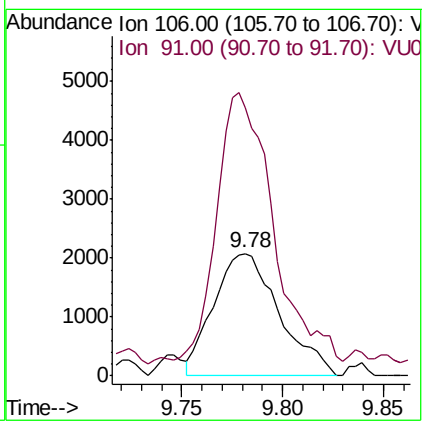


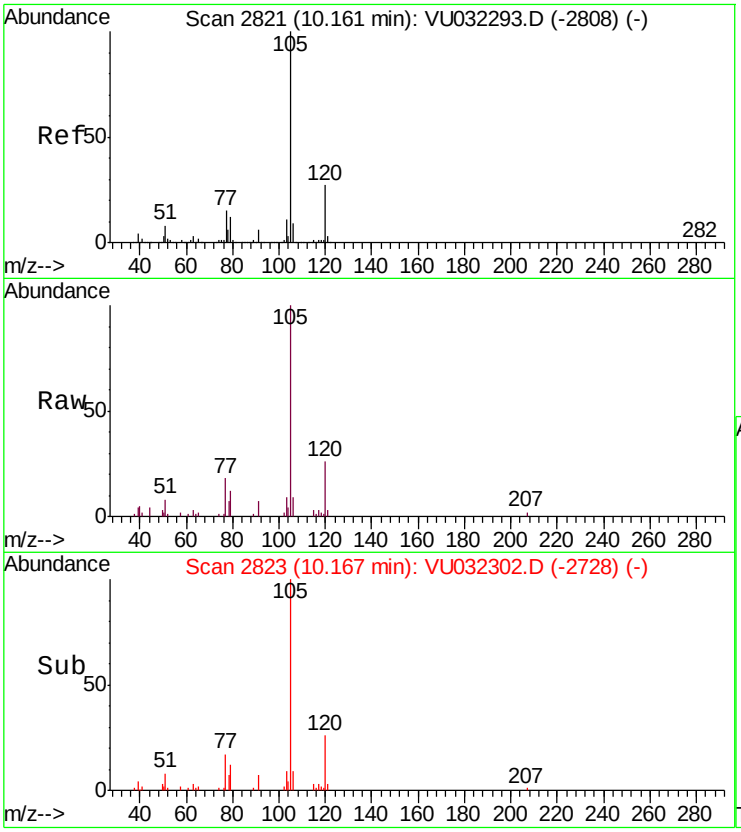


#54
o-xylene
Concen: 0.525 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU032302.D
Acq: 24 May 2019 10:38

Tgt Ion:106 Resp: 4720

Ion	Ratio	Lower	Upper
106	100		
91	218.6	150.3	279.1



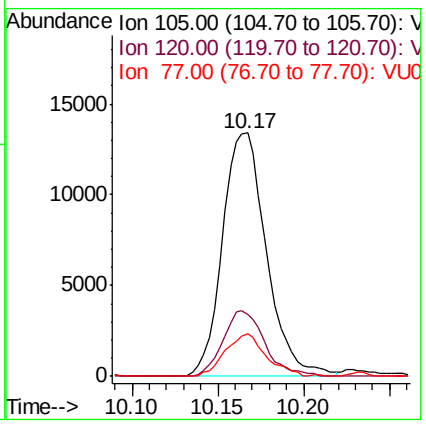


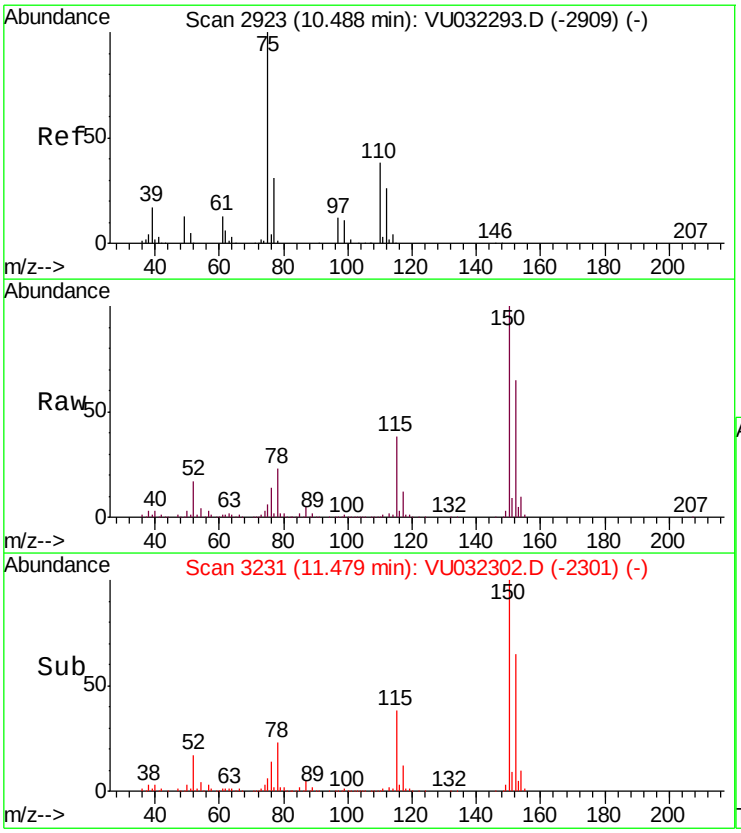
#56
Isopropylbenzene
Concen: 1.134 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.01 min
Lab File: VU032302.D
Acq: 24 May 2019 10:38

Instrument :
MSVOA_U
ClientSampleId :
E3YF4

Tgt Ion:105 Resp: 23796

Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.0	31.4
77	16.2	11.8	17.6





#59
1,2,3-Trichloropropane
Concen: 4.012 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032302.D
Acq: 24 May 2019 10:38

Tgt Ion: 75 Resp: 32225

Ion	Ratio	Lower	Upper
75	100		
77	38.4	25.7	38.5