Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\

Quantitation Report (Not Reviewed)

Data File : VU031438.D
Acq On : 23 Apr 2019 15:13
Operator : JC/SP
Sample : K2481-15
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHW8

Quant Time: Apr 24 06:05:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	755604	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	717543	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	345910	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	224181	36.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.22%			
7) Chloroethane-d5	1.68	69	151037	32.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 64.80%#			
11) 1,1-Dichloroethene-d2	2.24	63	330922	31.07	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.14%			
21) 2-Butanone-d5	4.21	46	380461	83.12	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.12%			
24) Chloroform-d	4.64	84	402024	41.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.42%			
26) 1,2-Dichloroethane-d4	5.31	65	264168	45.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.40%			
32) Benzene-d6	5.33	84	882061	42.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.10%			
36) 1,2-Dichloropropane-d6	6.33	67	297265	44.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.14%			
41) Toluene-d8	7.56	98	776573	41.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.88%			
43) trans-1,3-Dichloropropene-	7.85	79	129763	42.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.38%			
47) 2-Hexanone-d5	8.34	63	314988	94.25	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.25%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	378239	41.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	286341	40.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.98%			

Target Compounds						Qvalue
34) Trichloroethene	6.19	95	3102	0.564	ug/L	83
42) Toluene	7.64	91	59085	2.742	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	4856	0.680	ug/L	83
48) 2-Hexanone	8.35	43	40013	6.101	ug/L #	58
52) Ethylbenzene	9.25	91	111219	4.818	ug/L	97
53) m,p-Xylene	9.37	106	533303	63.297	ug/L	100
54) o-xylene	9.78	106	561976	66.342	ug/L	100
56) Isopropylbenzene	10.17	105	10694	0.491	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	42035	6.157	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	8329	4.349	ug/L #	1
69) Naphthalene	13.74	128	2255872	108.124	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\

Quantitation Report (Not Reviewed)

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Acq On : 23 Apr 2019 15:13
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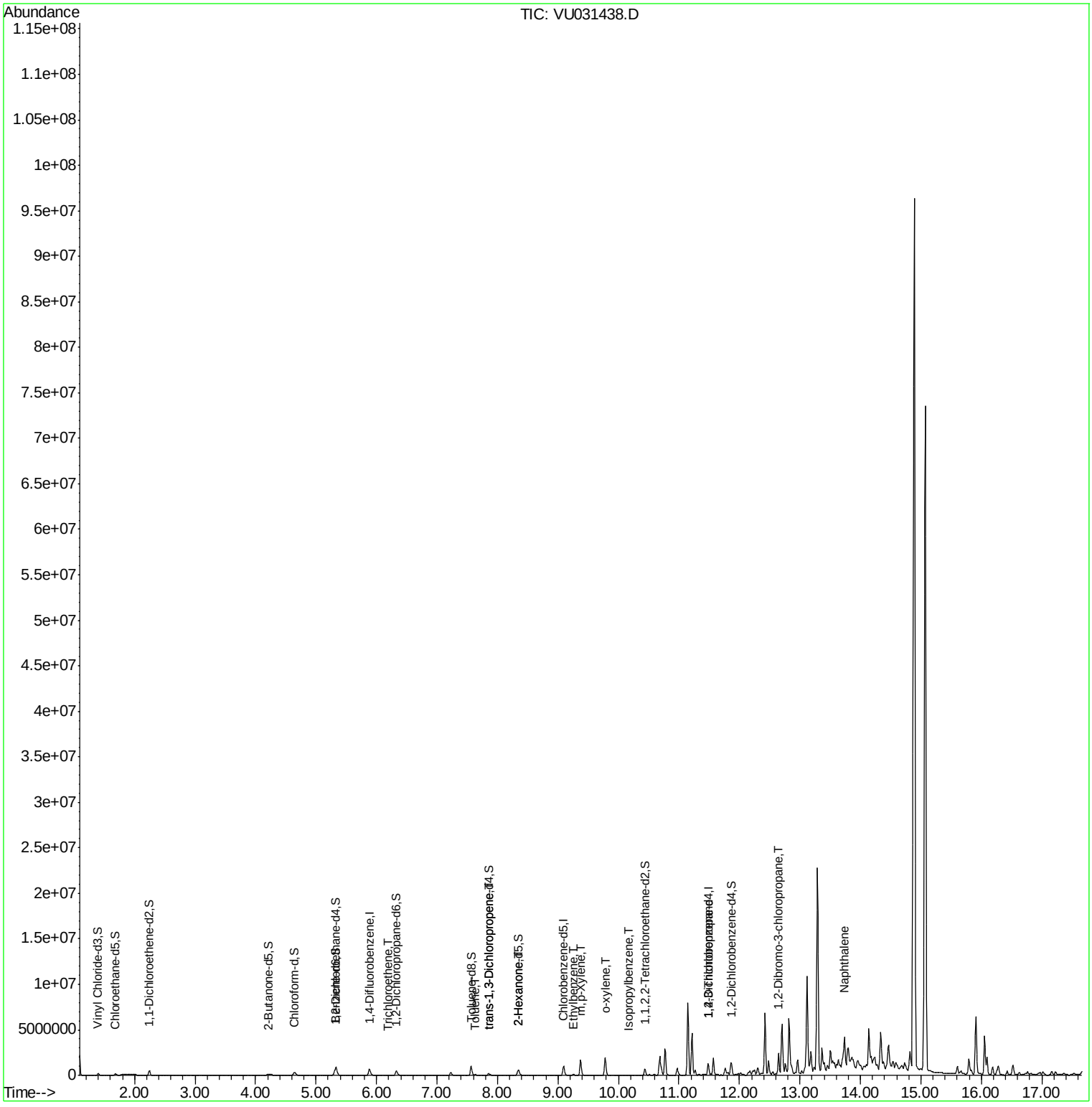
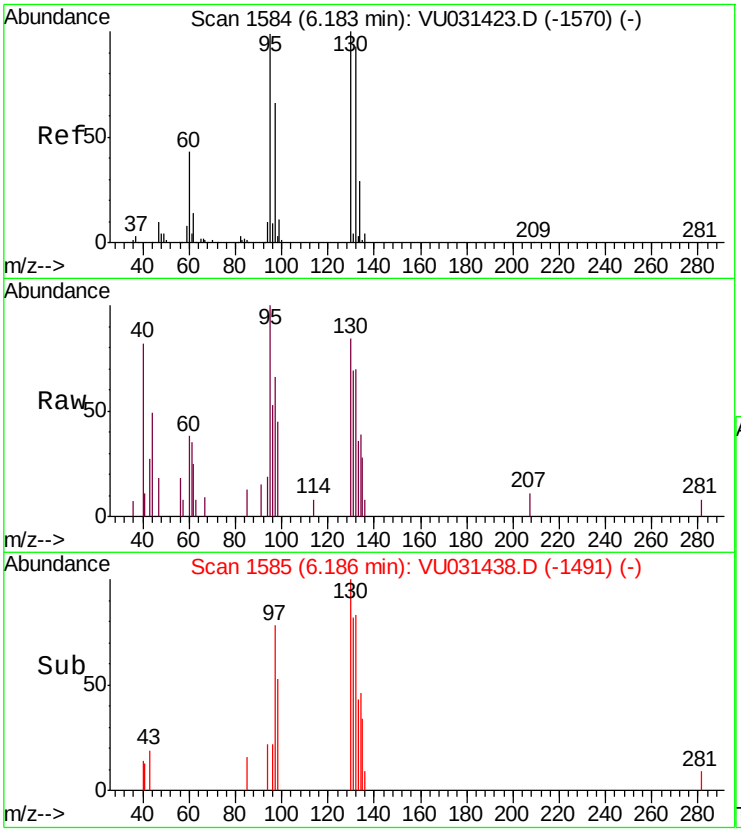
Instrument : MSVOA_U
ClientSampleId : GAHW8

Quant Time: Apr 24 06:05:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration



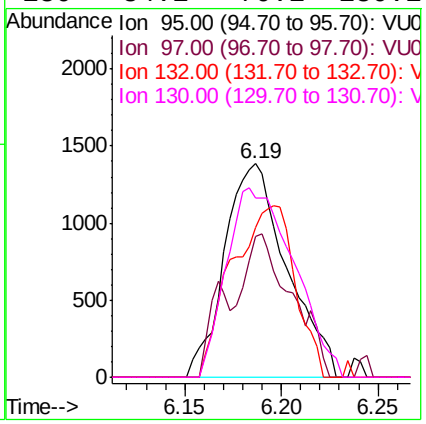


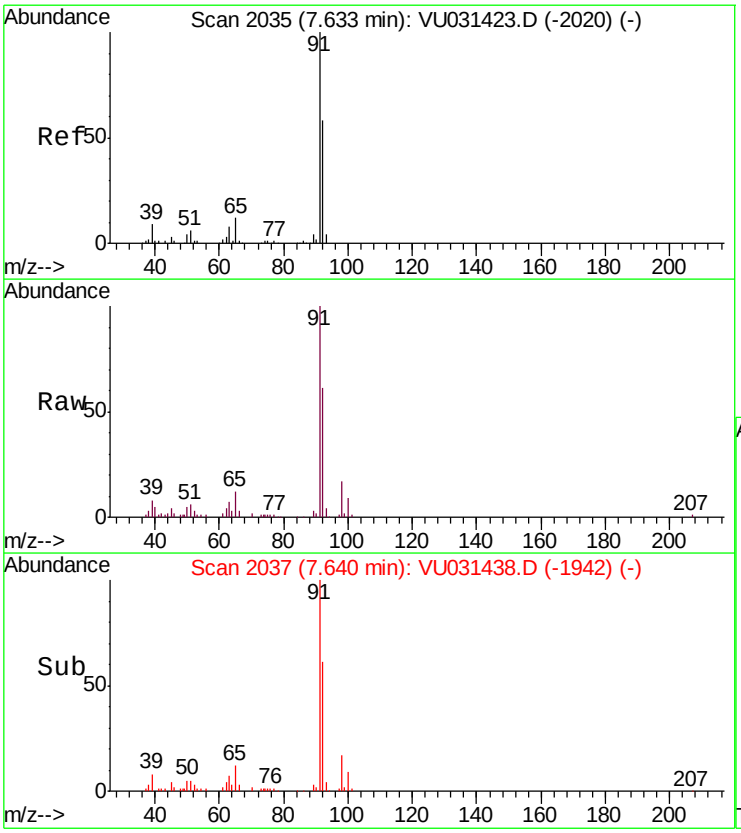
#34
Trichloroethene
Concen: 0.564 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VU031438.D
Acq: 23 Apr 2019 15:13

Instrument :
MSVOA_U
ClientSampleId :
GAHW8

Tgt Ion: 95 Resp: 3102

Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.9	83.5
132	70.1	68.0	126.2
130	84.1	70.1	130.1

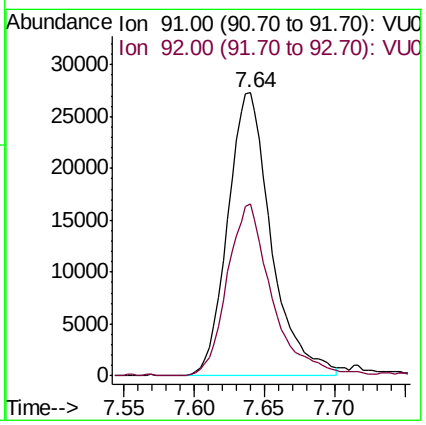


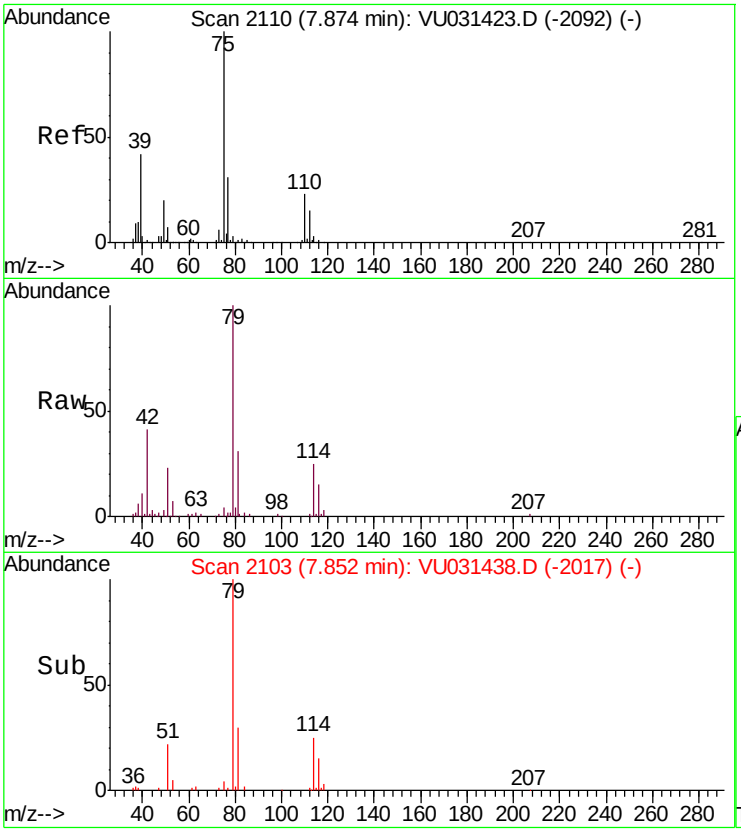


#42
Toluene
Concen: 2.742 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU031438.D
Acq: 23 Apr 2019 15:13

Tgt Ion: 91 Resp: 59085

Ion	Ratio	Lower	Upper
91	100		
92	60.9	40.6	75.4



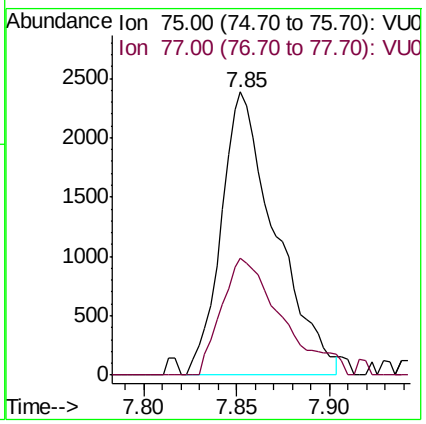


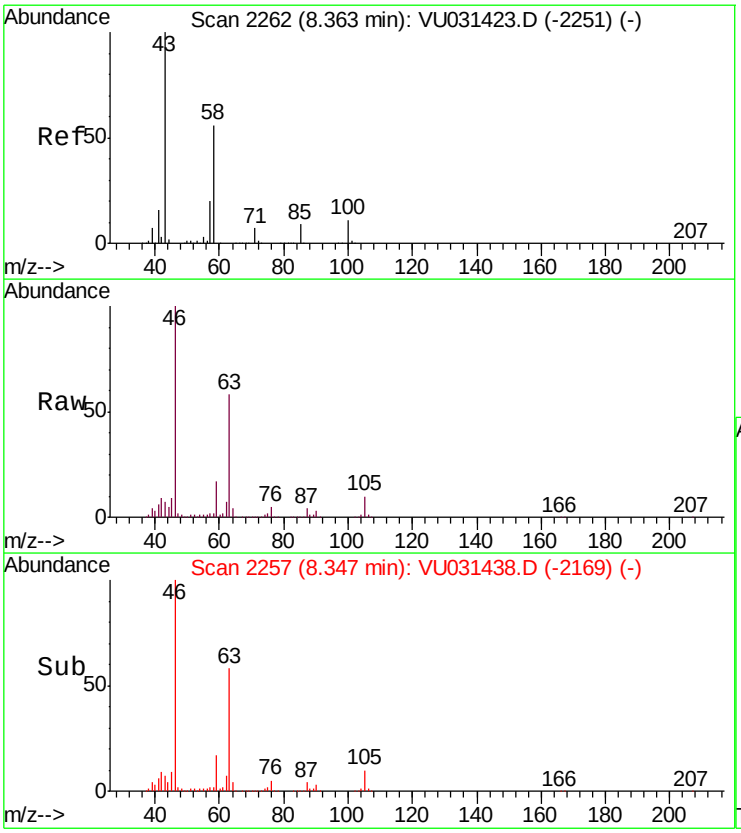
#44
trans-1,3-Dichloropropene
Concen: 0.680 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU031438.D
Acq: 23 Apr 2019 15:13

Instrument :
MSVOA_U
ClientSampleId :
GAHW8

Tgt Ion: 75 Resp: 4856

Ion	Ratio	Lower	Upper
75	100		
77	41.3	22.3	41.3

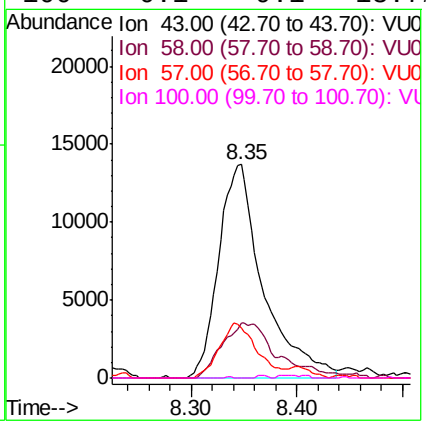


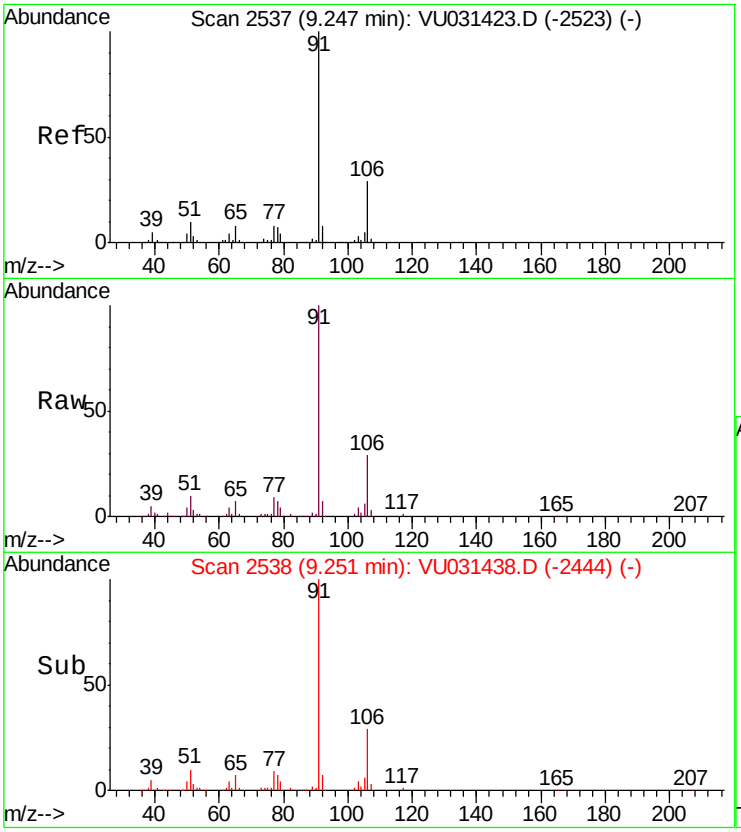


#48
2-Hexanone
Concen: 6.101 ug/L
RT: 8.35 min Scan# 2257
Delta R.T. -0.02 min
Lab File: VU031438.D
Acq: 23 Apr 2019 15:13

Tgt Ion: 43 Resp: 40013

Ion	Ratio	Lower	Upper
43	100		
58	15.3	45.5	68.3#
57	21.7	15.2	22.8
100	0.1	9.1	13.7#



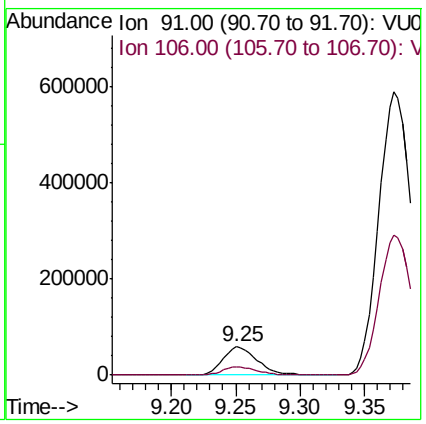


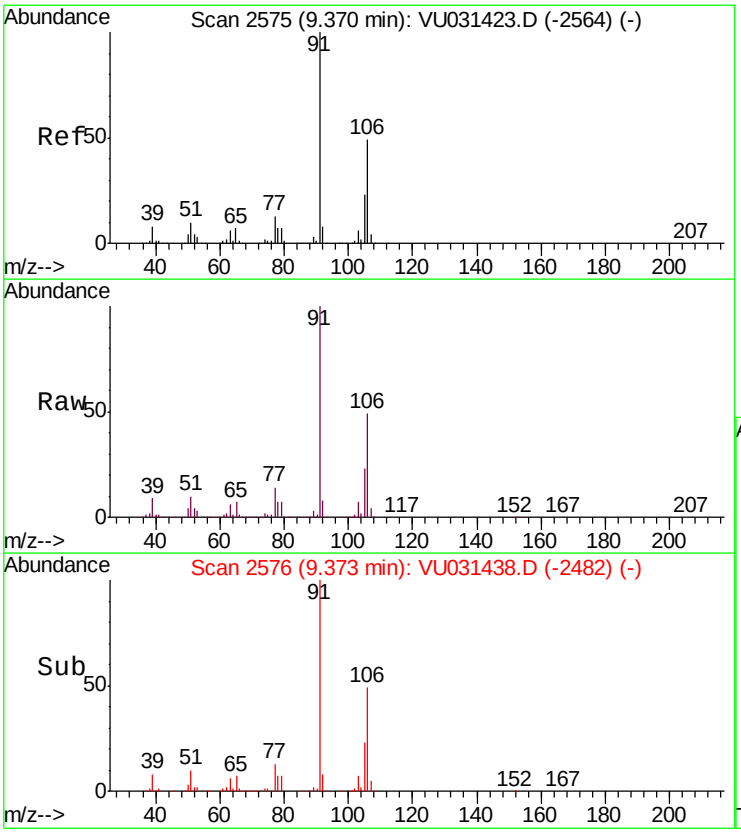
#52
Ethylbenzene
Concen: 4.818 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU031438.D
Acq: 23 Apr 2019 15:13

Instrument :
MSVOA_U
ClientSampleId :
GAHW8

Tgt Ion: 91 Resp: 111219

Ion	Ratio	Lower	Upper
91	100		
106	28.9	21.3	39.5

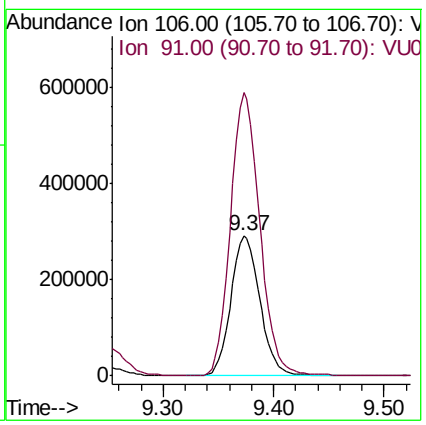


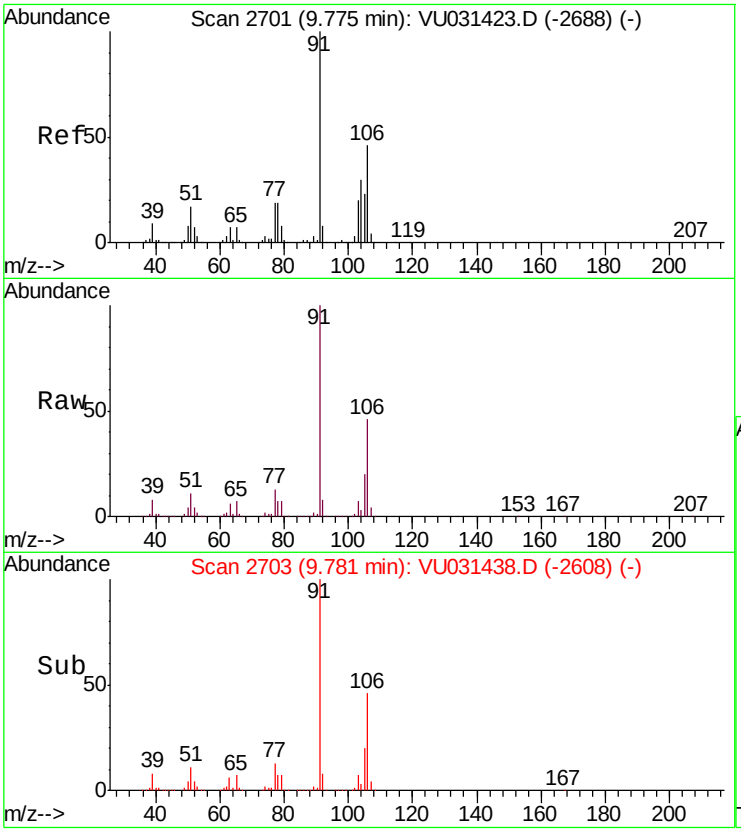


#53
m,p-Xylene
Concen: 63.297 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU031438.D
Acq: 23 Apr 2019 15:13

Tgt Ion:106 Resp: 533303

Ion	Ratio	Lower	Upper
106	100		
91	202.1	141.5	262.7



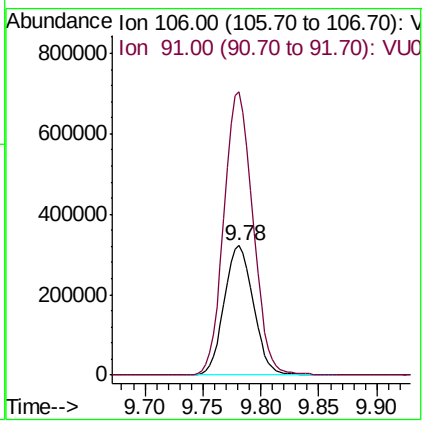


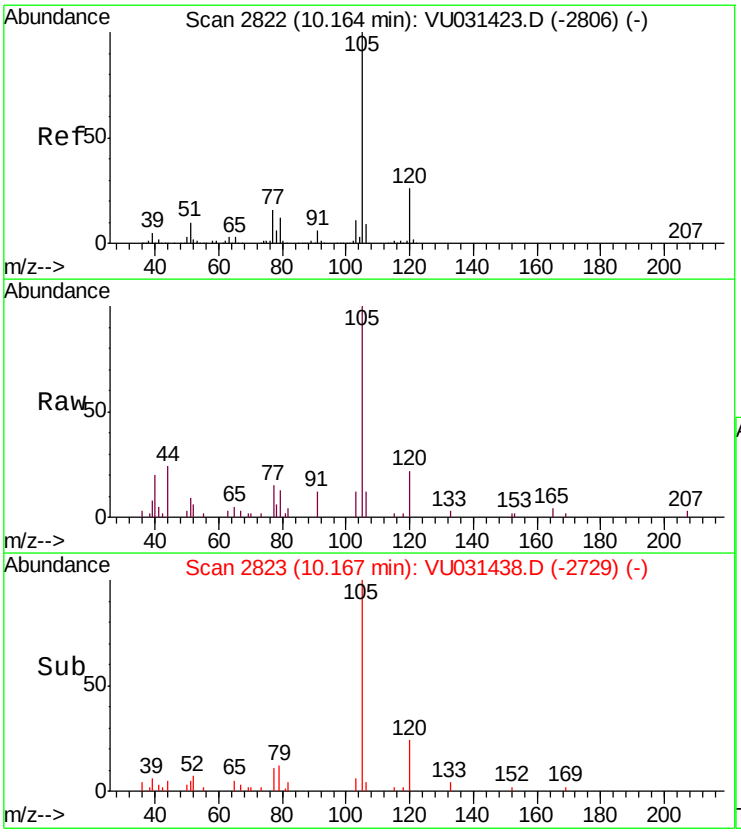
#54
o-xylene
Concen: 66.342 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU031438.D
Acq: 23 Apr 2019 15:13

Instrument :
MSVOA_U
ClientSampleId :
GAHW8

Tgt Ion:106 Resp: 561976

Ion	Ratio	Lower	Upper
106	100		
91	218.4	152.4	283.0

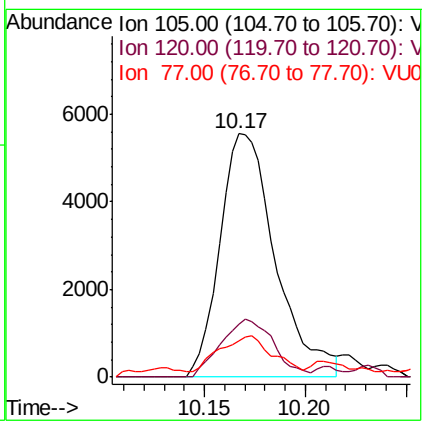


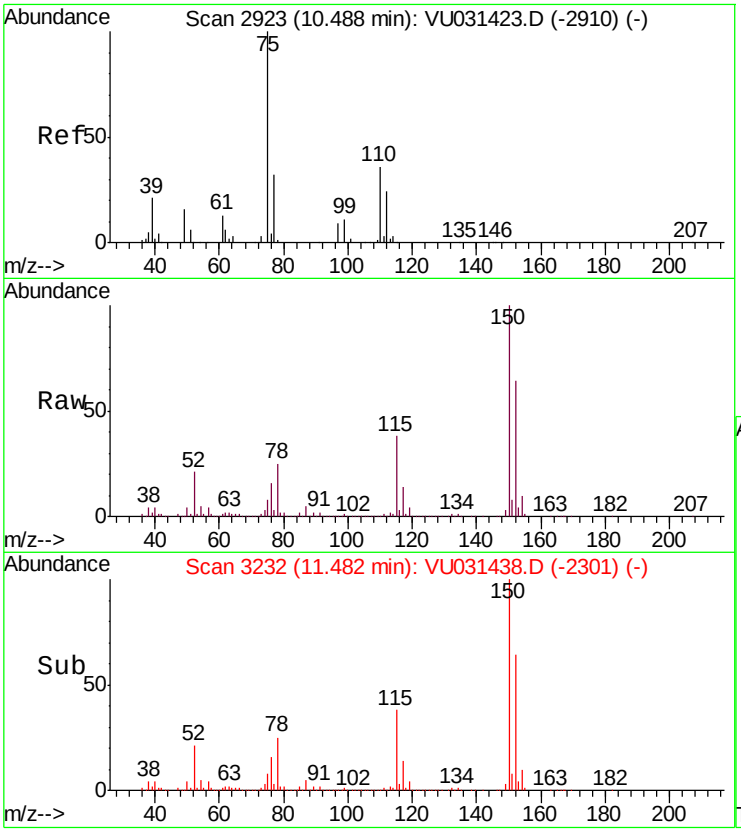


#56
Isopropylbenzene
Concen: 0.491 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.00 min
Lab File: VU031438.D
Acq: 23 Apr 2019 15:13

Tgt Ion:105 Resp: 10694

Ion	Ratio	Lower	Upper
105	100		
120	22.5	20.7	31.1
77	13.6	12.2	18.2



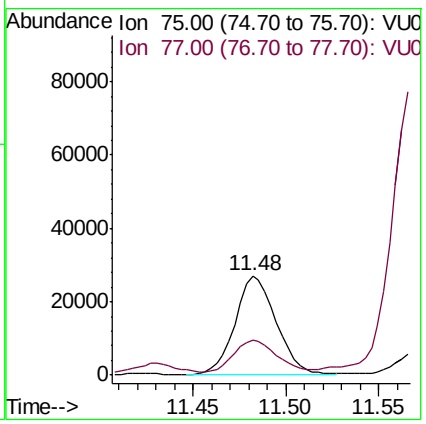


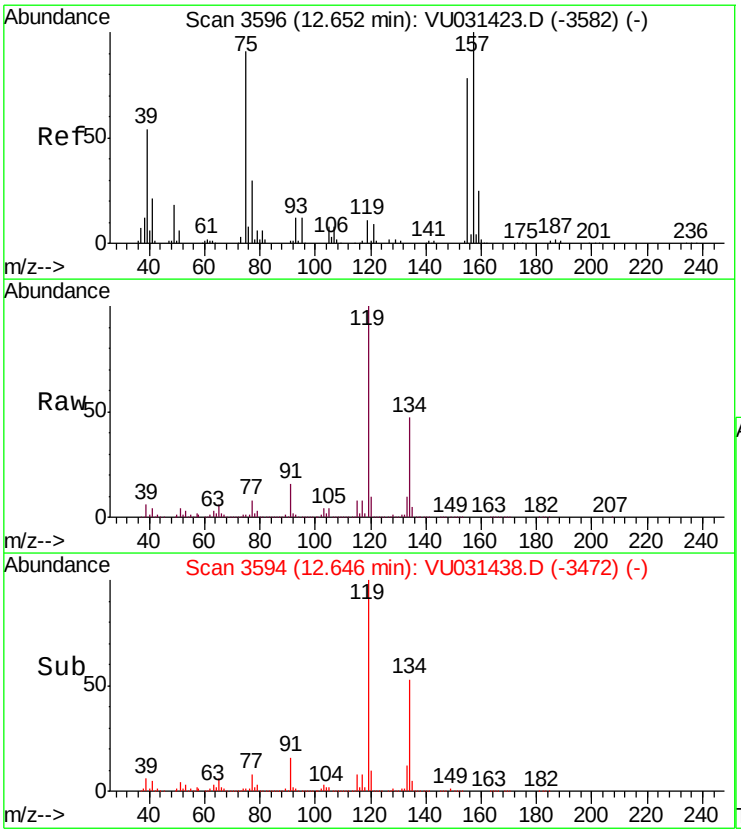
#59
1,2,3-Trichloropropane
Concen: 6.157 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031438.D
Acq: 23 Apr 2019 15:13

Instrument :
MSVOA_U
ClientSampleId :
GAHW8

Tgt Ion: 75 Resp: 42035

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.6	38.4

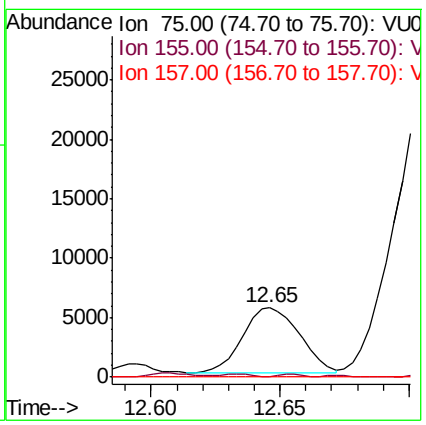


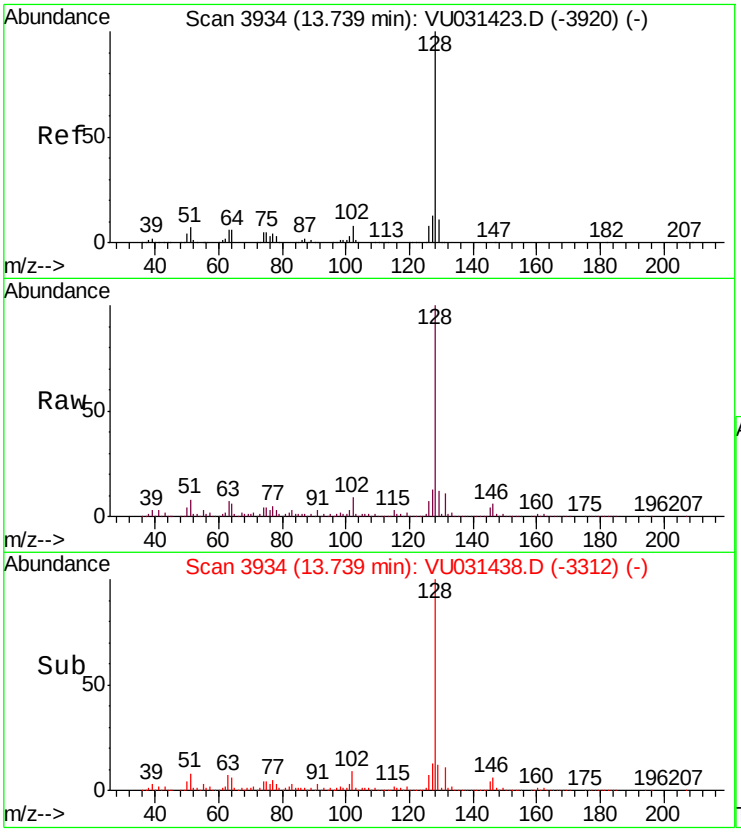


#66
1,2-Dibromo-3-chloropropane
Concen: 4.349 ug/L
RT: 12.65 min Scan# 3594
Delta R.T. -0.01 min
Lab File: VU031438.D
Acq: 23 Apr 2019 15:13

Tgt Ion: 75 Resp: 8329

Ion	Ratio	Lower	Upper
75	100		
155	0.0	68.8	103.2#
157	0.0	91.4	137.2#





#69
Naphthalene
Concen: 108.124 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU031438.D
Acq: 23 Apr 2019 15:13

Instrument :
MSVOA_U
ClientSampleId :
GAHW8

Tgt Ion:128 Resp: 2255872

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	9.0	8.6	13.0