Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\
Data File : VU030461.D
Acq On : 26 Mar 2019 22:14
Operator : JC/SP
Sample : K2063-06MS 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6R7MS

Quant Time: Mar 27 07:55:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 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	447729	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	427965	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	188015	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	176219	48.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.82%			
7) Chloroethane-d5	1.66	69	143784	50.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.68%			
11) 1,1-Dichloroethene-d2	2.27	63	328136	48.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.02%			
21) 2-Butanone-d5	4.17	46	359983	106.28	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.28%			
24) Chloroform-d	4.64	84	307729	49.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.14%			
26) 1,2-Dichloroethane-d4	5.31	65	210133	51.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.46%			
32) Benzene-d6	5.33	84	621233	50.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.24%			
36) 1,2-Dichloropropane-d6	6.32	67	220832	52.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.18%			
41) Toluene-d8	7.56	98	536539	48.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.36%			
43) trans-1,3-Dichloropropene-	7.85	79	94469	47.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.70%			
47) 2-Hexanone-d5	8.31	63	241545	106.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.15%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309314	51.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.96%			
64) 1,2-Dichlorobenzene-d4	11.86	152	191682	50.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.76%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	135382	42.262	ug/L	90
29) Cyclohexane	4.99	56	17423	2.690	ug/L	94
33) Benzene	5.38	78	1583719	108.709	ug/L	100
34) Trichloroethene	6.18	95	151875	42.407	ug/L	98
35) Methylcyclohexane	6.41	83	10394	1.764	ug/L	92
42) Toluene	7.63	91	3708398	245.273	ug/L	99
50) 1,2-Dibromoethane	8.59	107	10997	2.933	ug/L #	97
51) Chlorobenzene	9.12	112	418075	45.625	ug/L	100
52) Ethylbenzene	9.25	91	400933	24.479	ug/L	98
53) m,p-Xylene	9.37	106	510150	86.263	ug/L	98
54) o-xylene	9.77	106	240988	41.763	ug/L	100
56) Isopropylbenzene	10.16	105	16043	1.050	ug/L	97

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

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Quant Title : VOC Analysis
QLast Update : Wed Mar 27 06:00:22 2019
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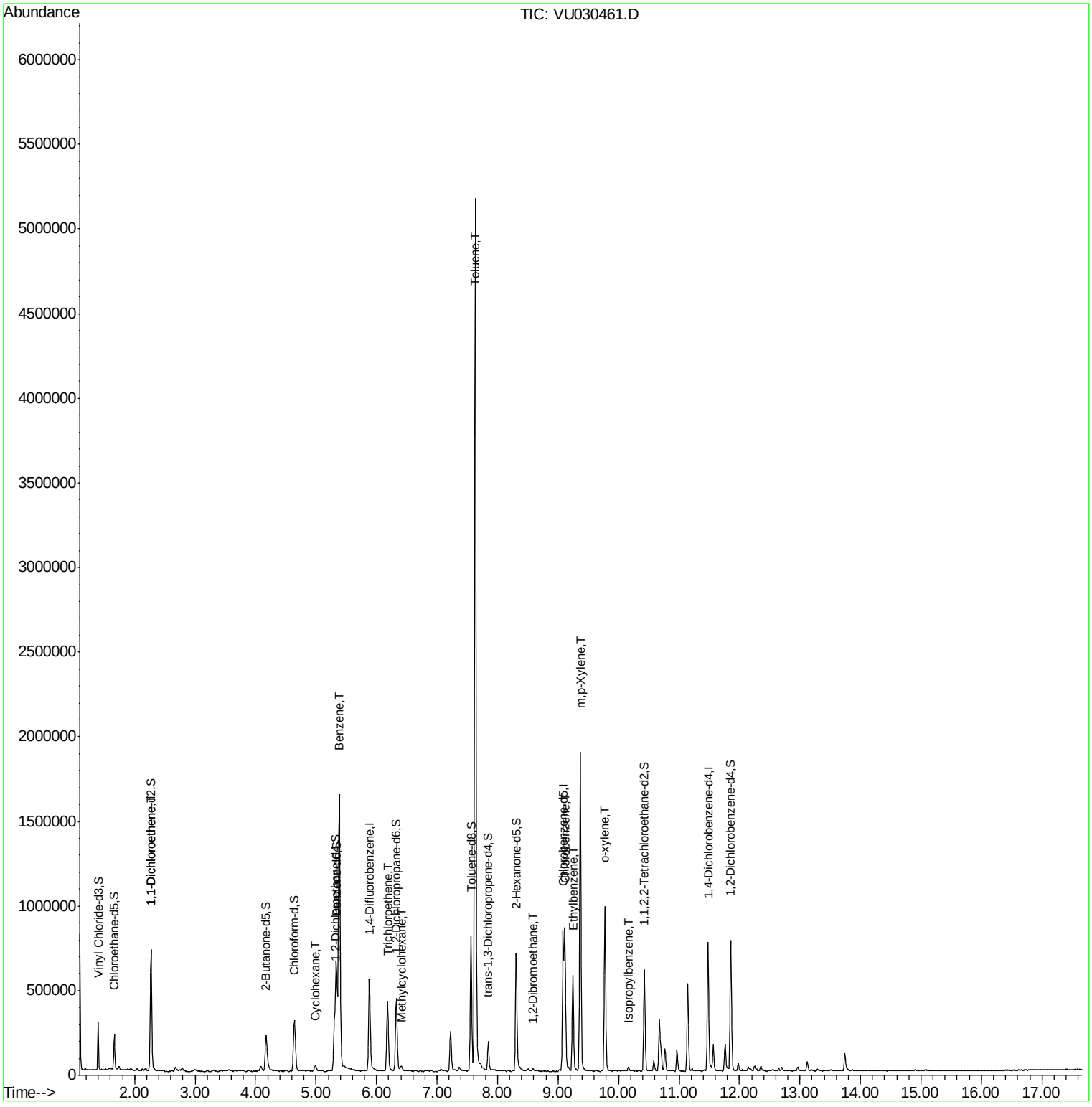
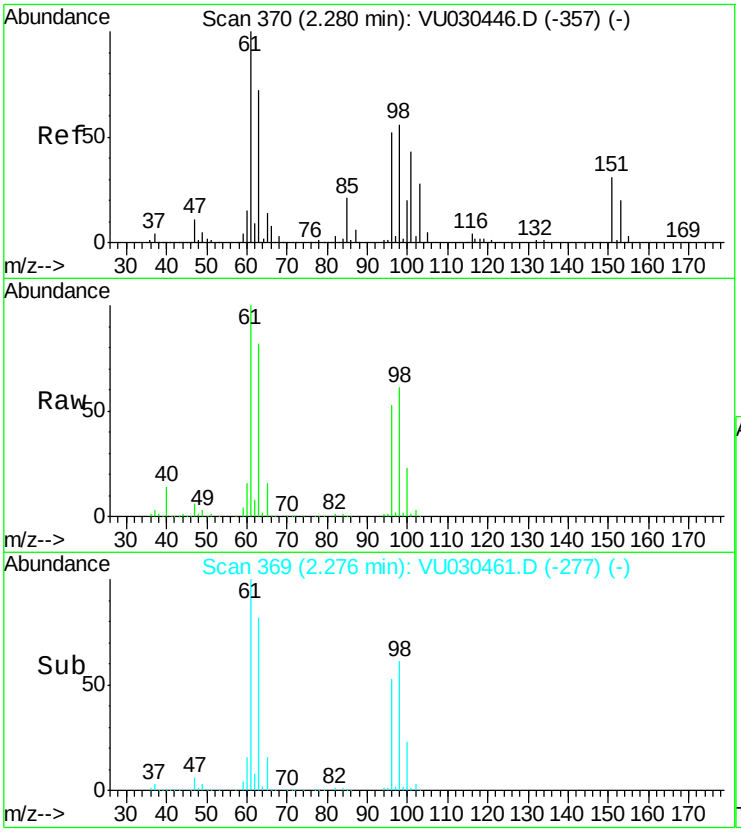


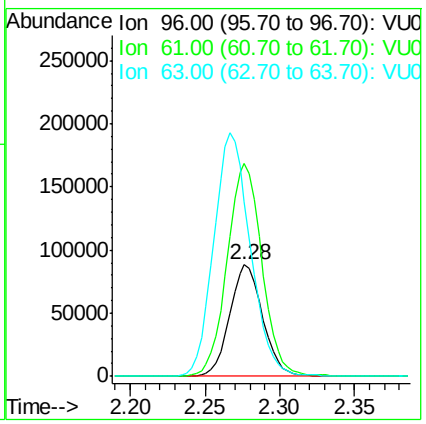


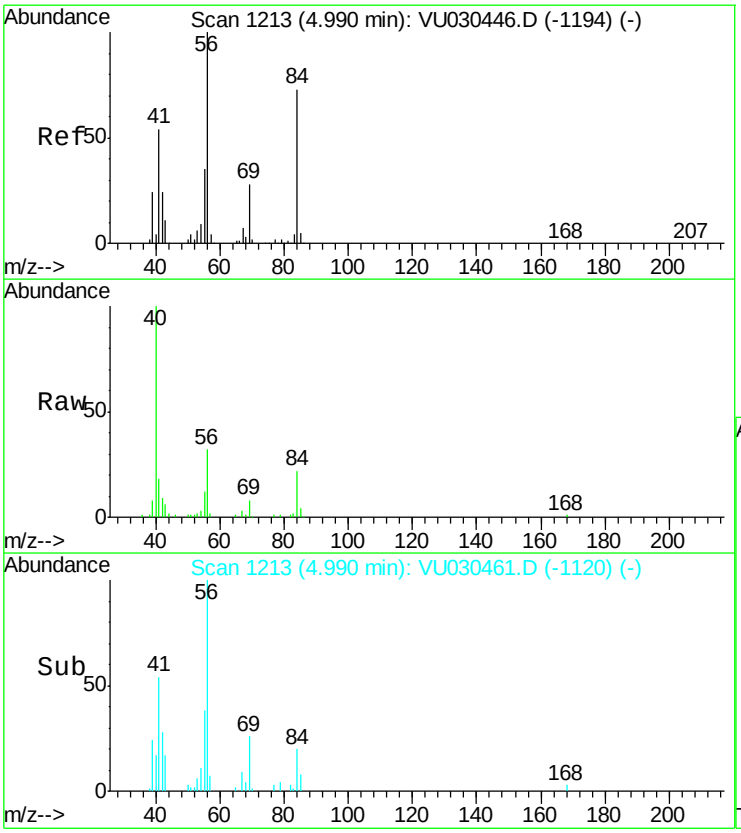
#12
1,1-Dichloroethene
Concen: 42.262 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU030461.D
Acq: 26 Mar 2019 22:14

Instrument : MSVOA_U
ClientSampleId : DB6R7MS

Tgt Ion: 96 Resp: 135382

Ion	Ratio	Lower	Upper
96	100		
61	190.5	131.0	243.4
63	156.6	92.4	171.6

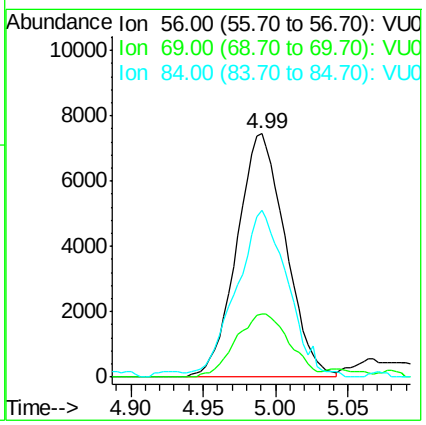


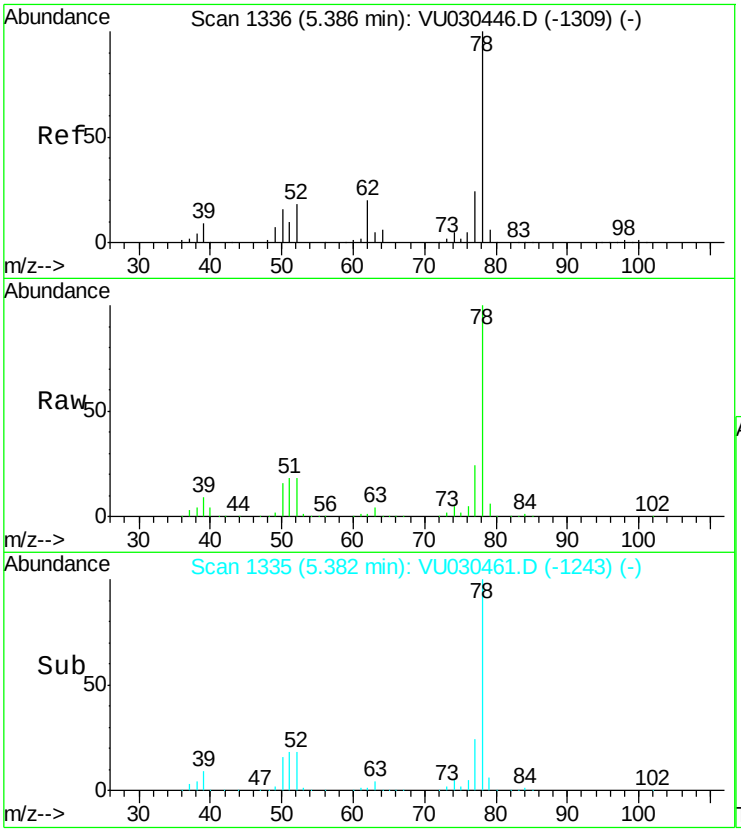


#29
Cyclohexane
Concen: 2.690 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. -0.00 min
Lab File: VU030461.D
Acq: 26 Mar 2019 22:14

Tgt Ion: 56 Resp: 17423

Ion	Ratio	Lower	Upper
56	100		
69	28.2	22.9	34.3
84	66.5	58.9	88.3

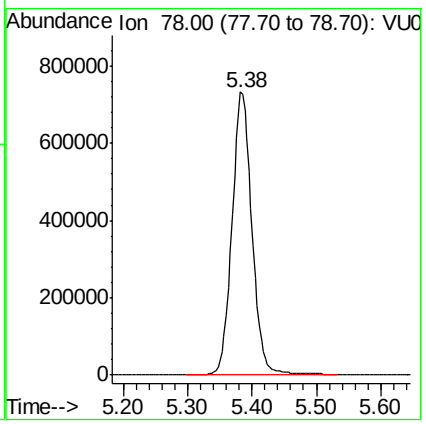


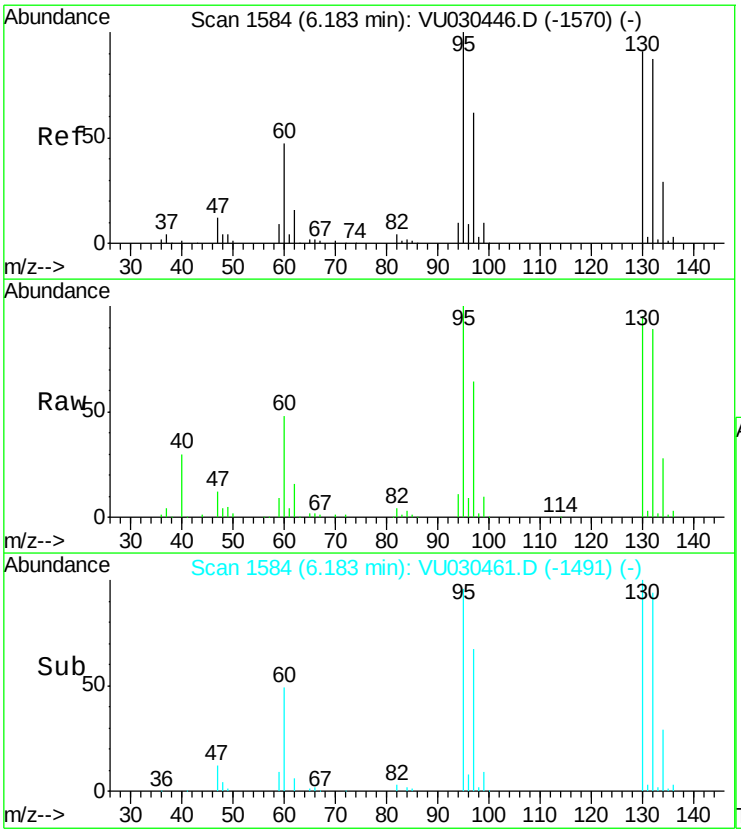


#33
Benzene
Concen: 108.709 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU030461.D
Acq: 26 Mar 2019 22:14

Instrument :
MSVOA_U
ClientSampleId :
DB6R7MS

Tgt Ion: 78 Resp: 1583719

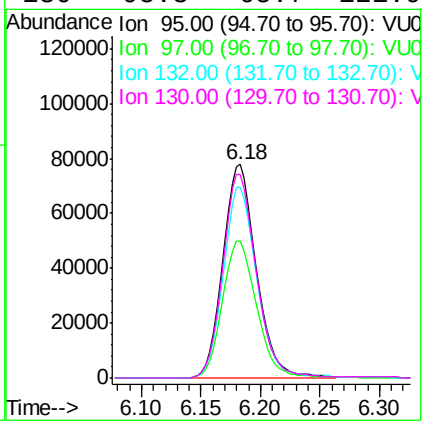


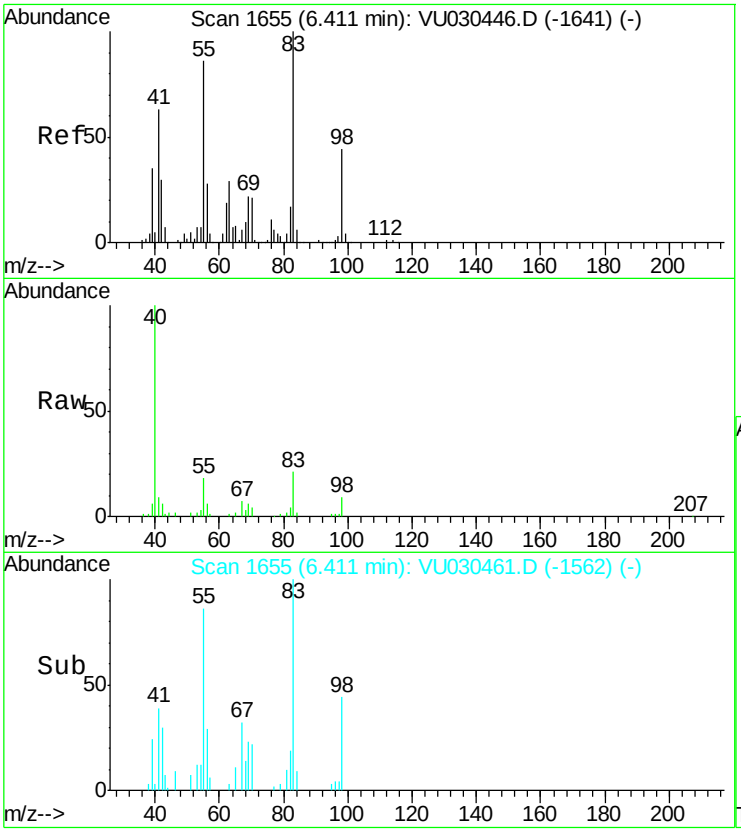


#34
Trichloroethene
Concen: 42.407 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU030461.D
Acq: 26 Mar 2019 22:14

Tgt Ion: 95 Resp: 151875

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.7	84.9
132	89.2	63.8	118.4
130	95.3	65.7	121.9



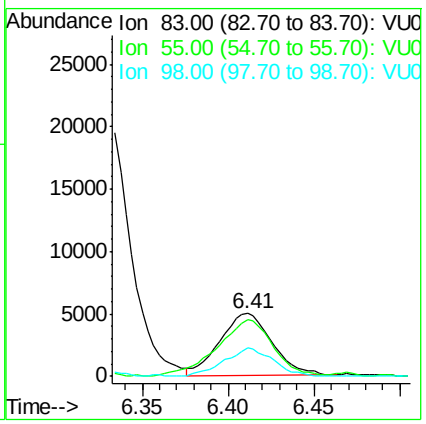


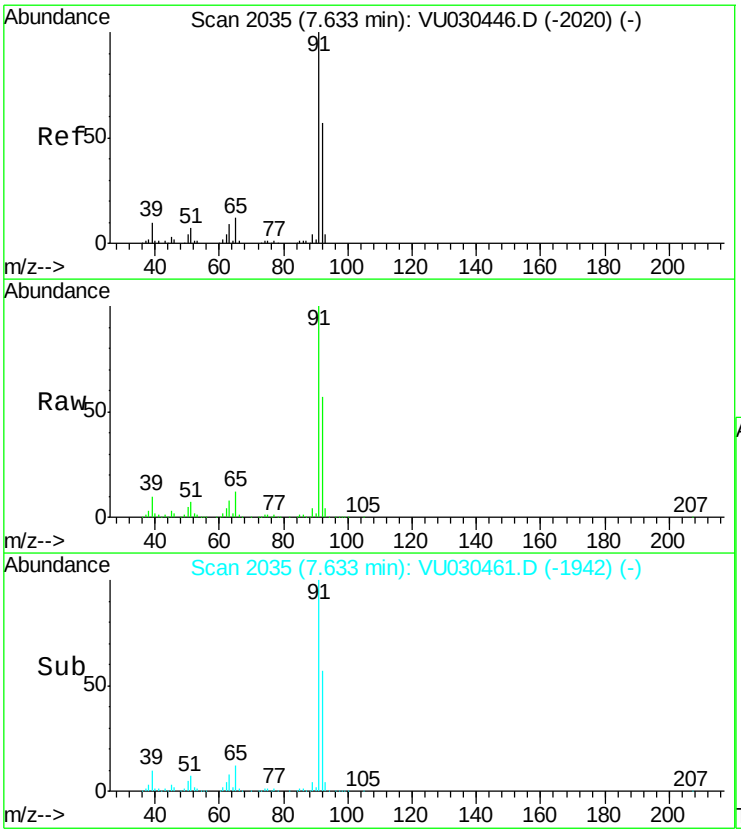
#35
Methylcyclohexane
Concen: 1.764 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VU030461.D
Acq: 26 Mar 2019 22:14

Instrument : MSVOA_U
ClientSampleId : DB6R7MS

Tgt Ion: 83 Resp: 10394

Ion	Ratio	Lower	Upper
83	100		
55	99.1	71.4	107.0
98	42.9	36.0	54.0

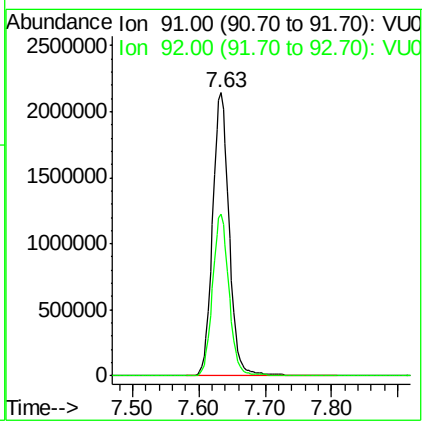


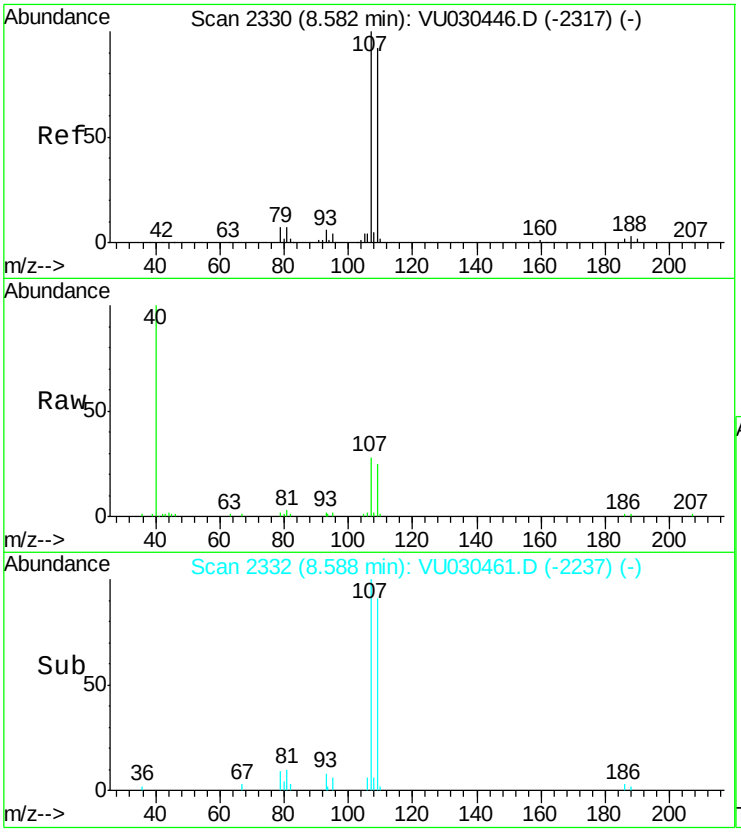


#42
Toluene
Concen: 245.273 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU030461.D
Acq: 26 Mar 2019 22:14

Tgt Ion: 91 Resp: 3708398

Ion	Ratio	Lower	Upper
91	100		
92	57.2	39.7	73.7



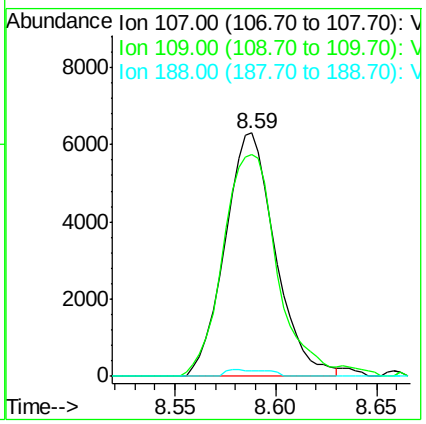


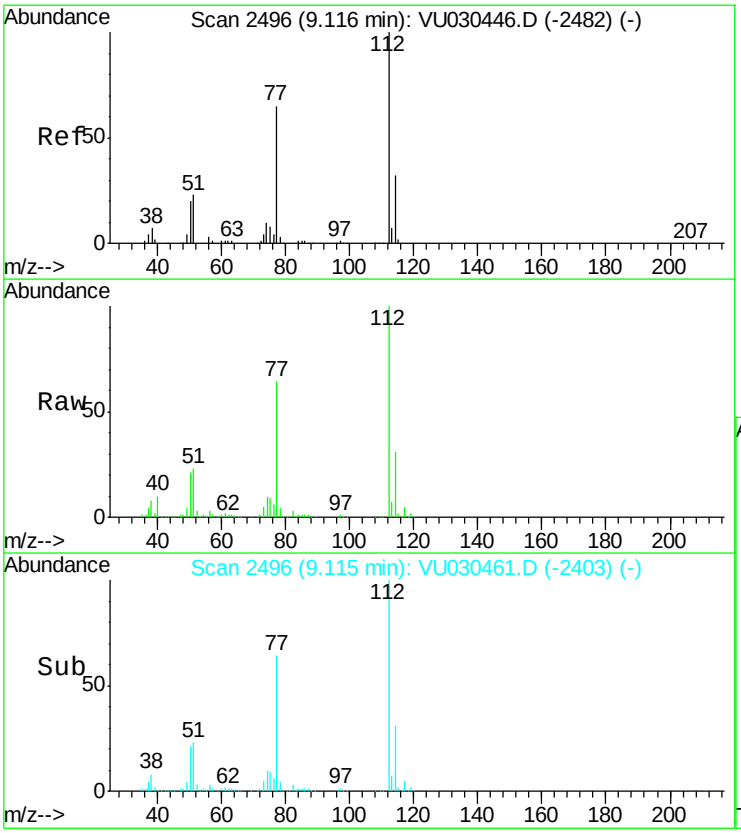
#50
1,2-Dibromoethane
Concen: 2.933 ug/L
RT: 8.59 min Scan# 2332
Delta R.T. 0.01 min
Lab File: VU030461.D
Acq: 26 Mar 2019 22:14

Instrument : MSVOA_U
ClientSampleId : DB6R7MS

Tgt Ion:107 Resp: 10997

Ion	Ratio	Lower	Upper
107	100		
109	91.2	65.8	122.2
188	2.3	2.6	4.0#

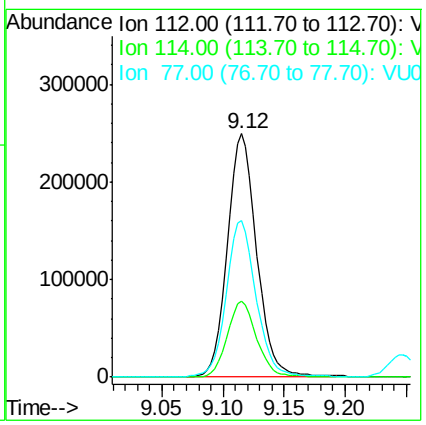


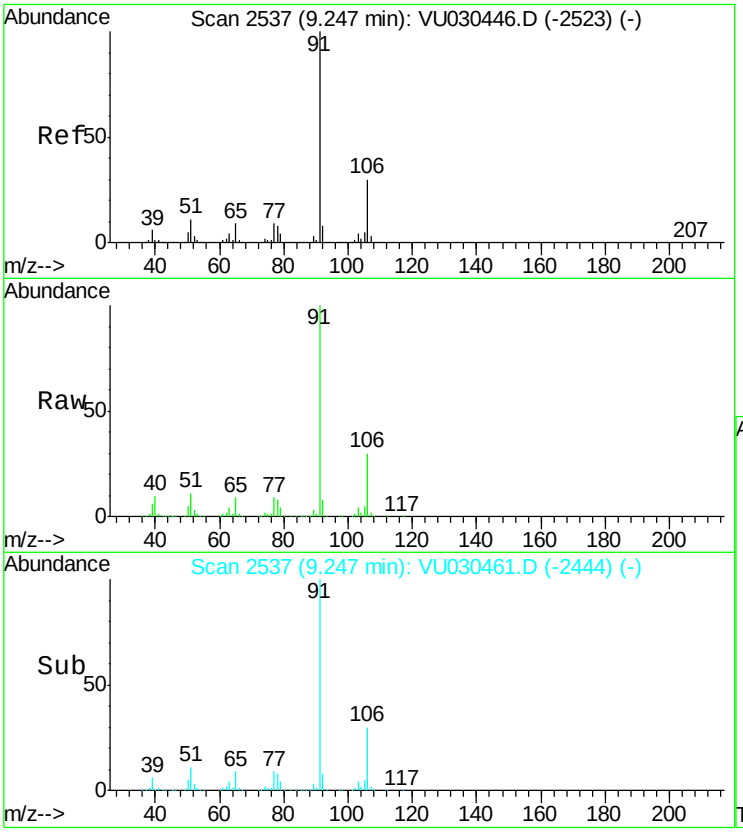


#51
Chlorobenzene
Concen: 45.625 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030461.D
Acq: 26 Mar 2019 22:14

Tgt Ion:112 Resp: 418075

Ion	Ratio	Lower	Upper
112	100		
114	31.3	21.5	39.9
77	64.2	51.4	77.0



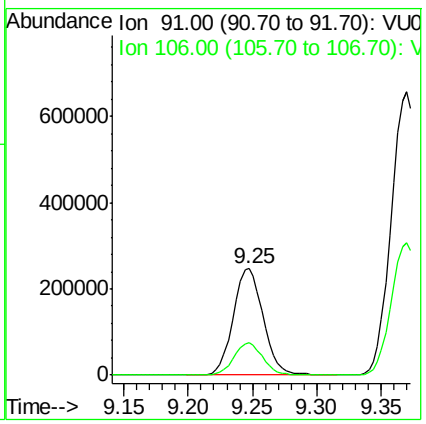


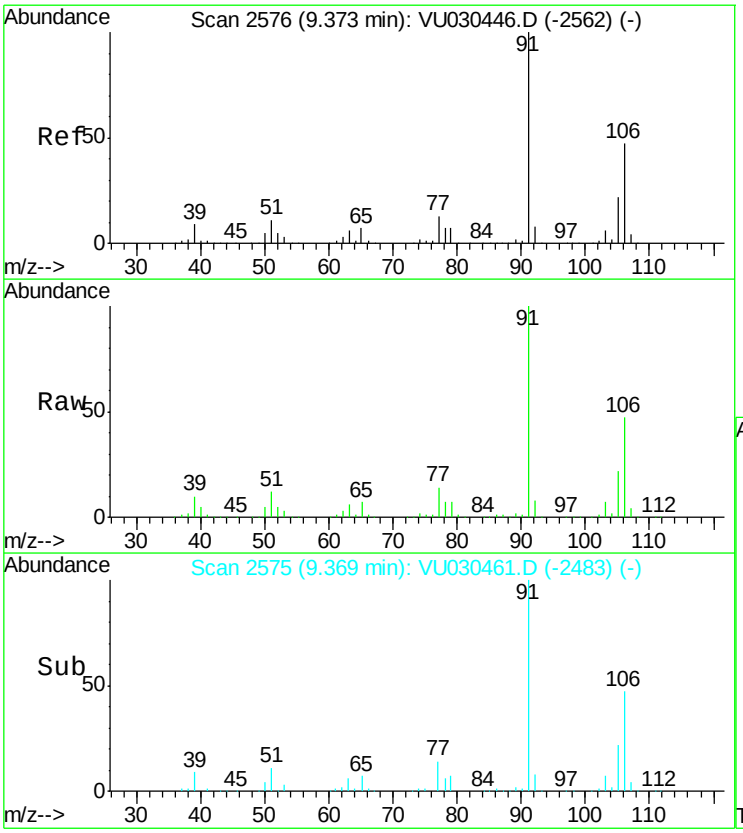
#52
Ethylbenzene
Concen: 24.479 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU030461.D
Acq: 26 Mar 2019 22:14

Instrument : MSVOA_U
ClientSampleId : DB6R7MS

Tgt Ion: 91 Resp: 400933

Ion	Ratio	Lower	Upper
91	100		
106	30.4	20.6	38.2

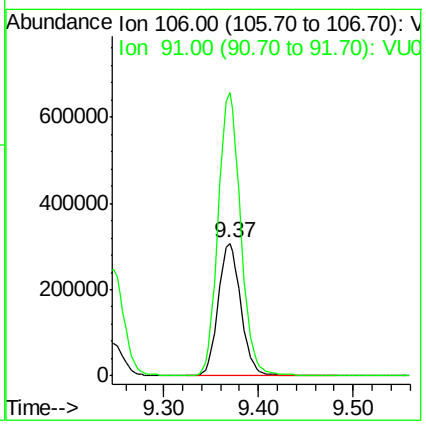


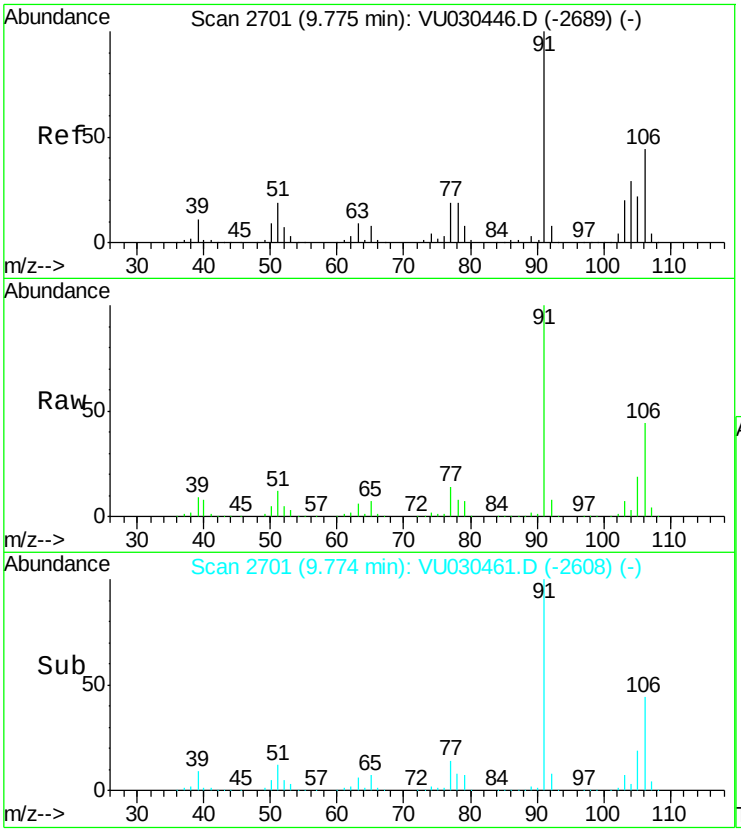


#53
m,p-Xylene
Concen: 86.263 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU030461.D
Acq: 26 Mar 2019 22:14

Tgt Ion:106 Resp: 510150

Ion	Ratio	Lower	Upper
106	100		
91	213.2	151.2	280.8



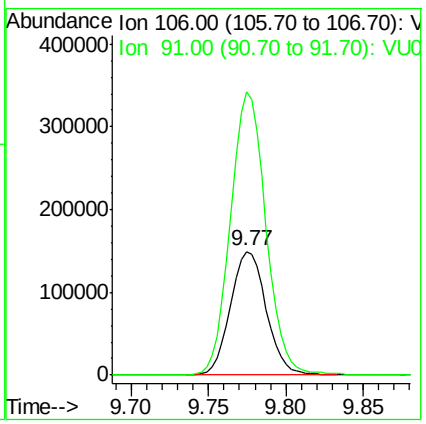


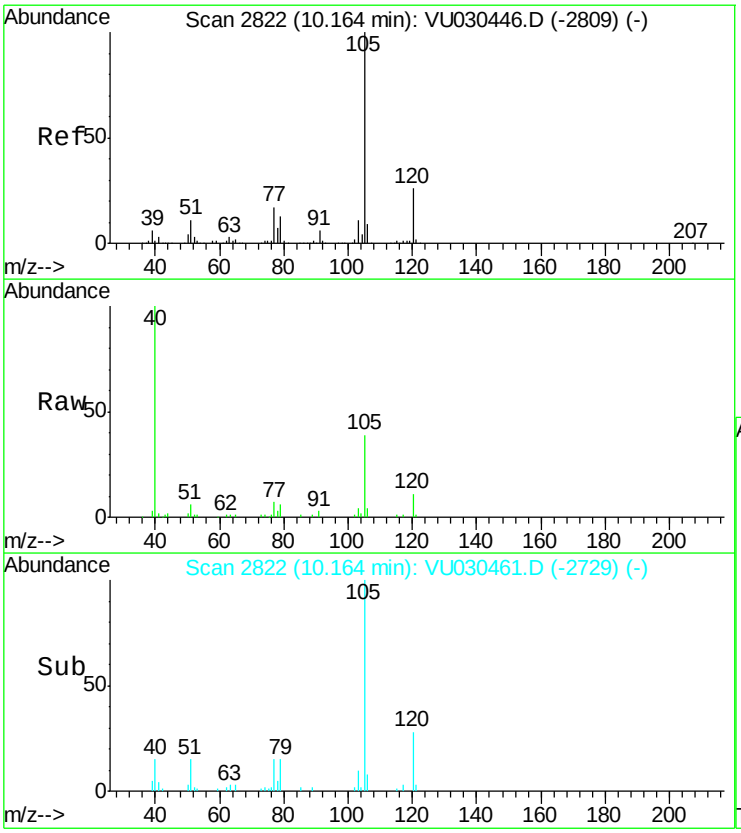
#54
o-xylene
Concen: 41.763 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU030461.D
Acq: 26 Mar 2019 22:14

Instrument :
MSVOA_U
ClientSampleId :
DB6R7MS

Tgt Ion:106 Resp: 240988

Ion	Ratio	Lower	Upper
106	100		
91	228.6	159.6	296.4





#56
Isopropylbenzene
Concen: 1.050 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU030461.D
Acq: 26 Mar 2019 22:14

Tgt Ion:105 Resp: 16043

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.2	30.2
77	18.8	13.2	19.8