Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036604.D
Acq On : 29 Jan 2020 19:45
Operator : JC/MD
Sample : L1271-02MS
Misc : 5.09g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4MS

Quant Time: Jan 30 05:55:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	303135	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	302199	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165274	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	86551	38.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.24%			
7) Chloroethane-d5	1.89	69	21557	11.07	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 22.14%#			
11) 1,1-Dichloroethene-d2	2.56	63	154305	42.03	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.06%			
21) 2-Butanone-d5	4.69	46	119219	88.46	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.46%			
24) Chloroform-d	5.11	84	151281	40.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.38%			
26) 1,2-Dichloroethane-d4	5.74	65	98118	42.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.68%			
32) Benzene-d6	5.76	84	358513	42.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.34%			
36) 1,2-Dichloropropane-d6	6.73	67	112756	42.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.14%			
41) Toluene-d8	7.93	98	350966	42.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.82%			
43) trans-1,3-Dichloropropene-	8.21	79	55268	43.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.74%			
47) 2-Hexanone-d5	8.68	63	142128	115.70	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.70%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	181621	46.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.26%			
64) 1,2-Dichlorobenzene-d4	12.22	152	150671	42.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.96%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.57	96	88840	47.152	ug/L	92
13) Acetone	2.68	43	2838	2.175	ug/L	97
15) Methyl Acetate	2.99	43	2311	1.133	ug/L #	89
33) Benzene	5.81	78	862095	95.416	ug/L	100
34) Trichloroethene	6.57	95	104998	45.149	ug/L	99
42) Toluene	8.00	91	1776541	180.898	ug/L	99
51) Chlorobenzene	9.48	112	313026	48.844	ug/L	99
52) Ethylbenzene	9.60	91	929955	86.443	ug/L	100
53) m,p-Xylene	9.72	106	2427985	578.643	ug/L	98
54) o-xylene	10.13	106	1105423	264.113	ug/L	100
56) Isopropylbenzene	10.51	105	35832	3.367	ug/L	98

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

Quantitation Report (QT Reviewed)

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Sample : L1271-02MS
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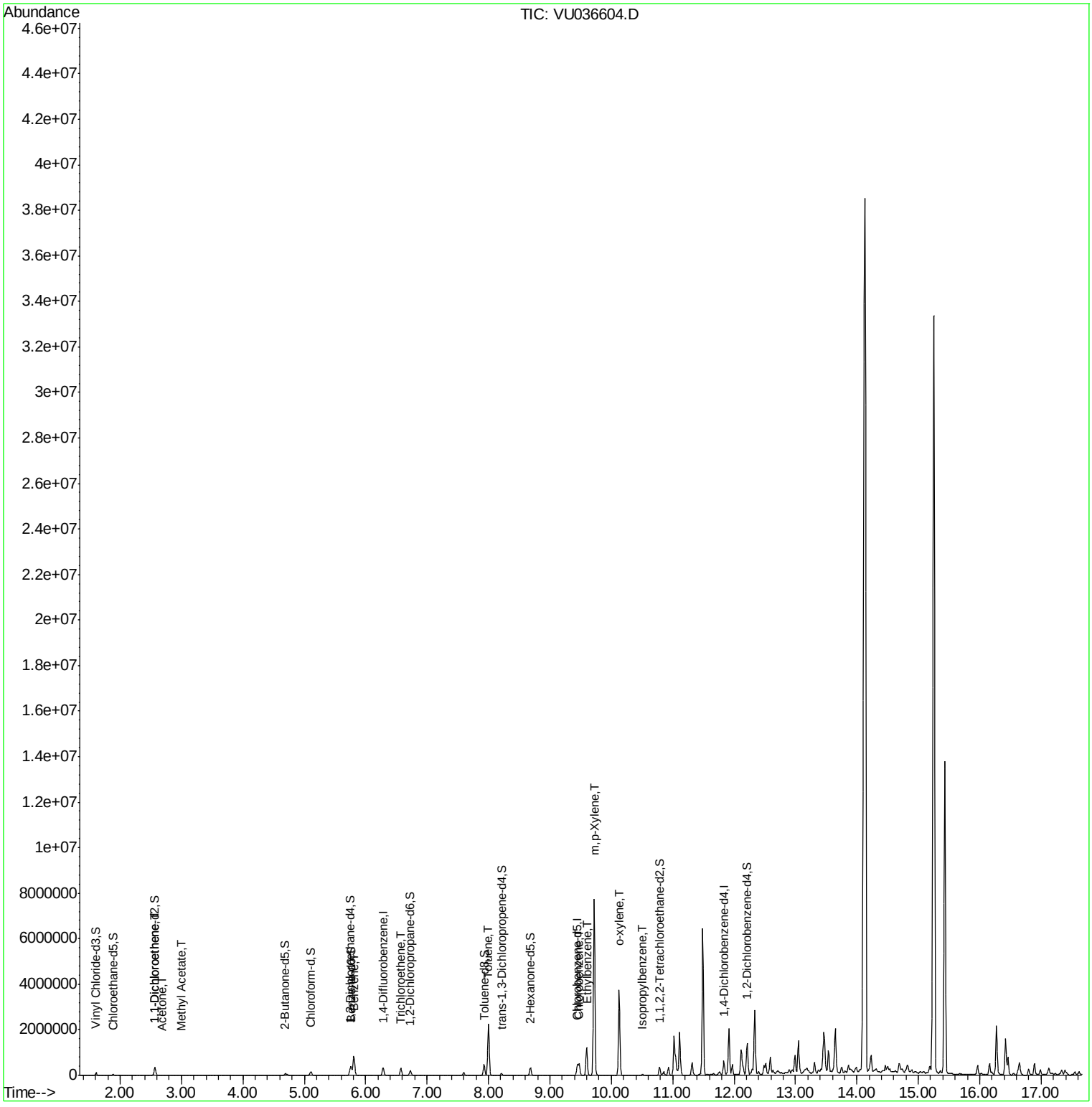
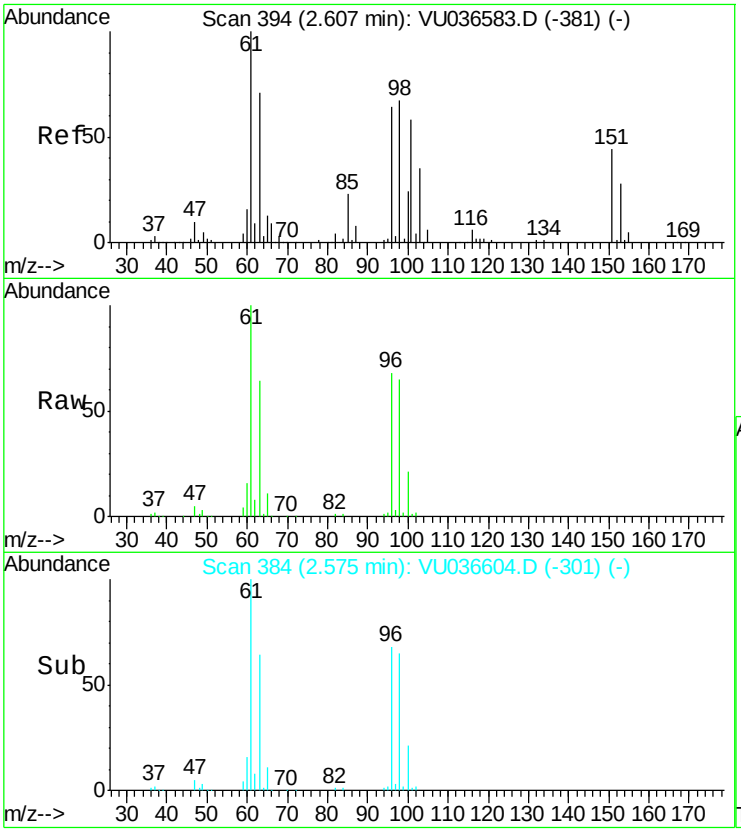
Instrument : MSVOA_U
ClientSampleId : GASZ4MS

Quant Time: Jan 30 05:55:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration



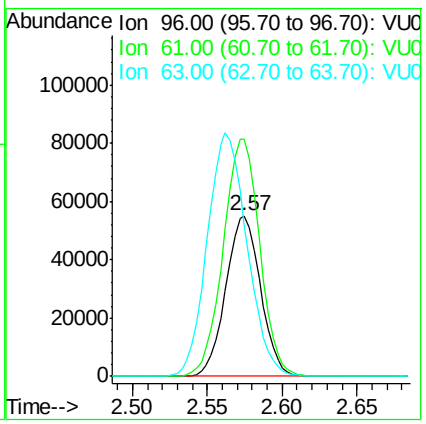


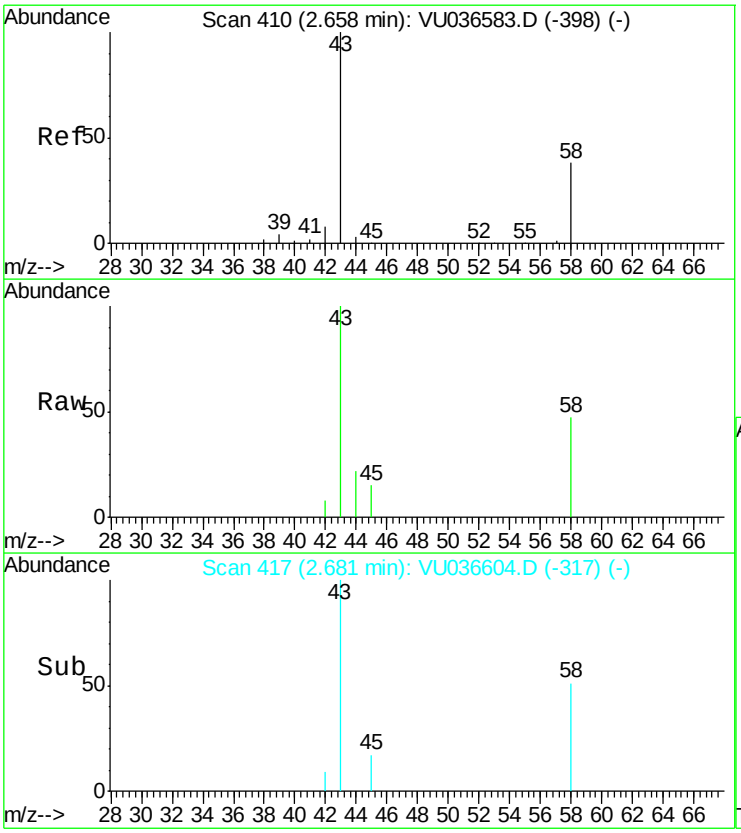
#12
1,1-Dichloroethene
Concen: 47.152 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.03 min
Lab File: VU036604.D
Acq: 29 Jan 2020 19:45

Instrument :
MSVOA_U
ClientSampleId :
GASZ4MS

Tgt Ion: 96 Resp: 88840

Ion	Ratio	Lower	Upper
96	100		
61	147.4	108.6	201.8
63	94.6	75.0	139.2

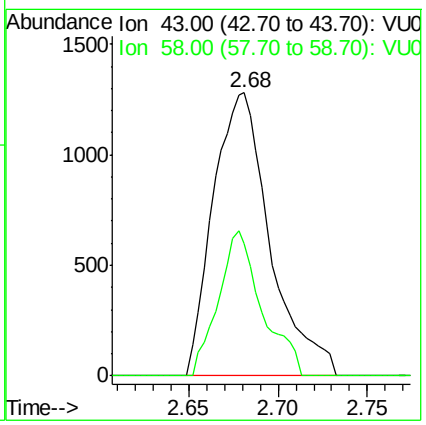


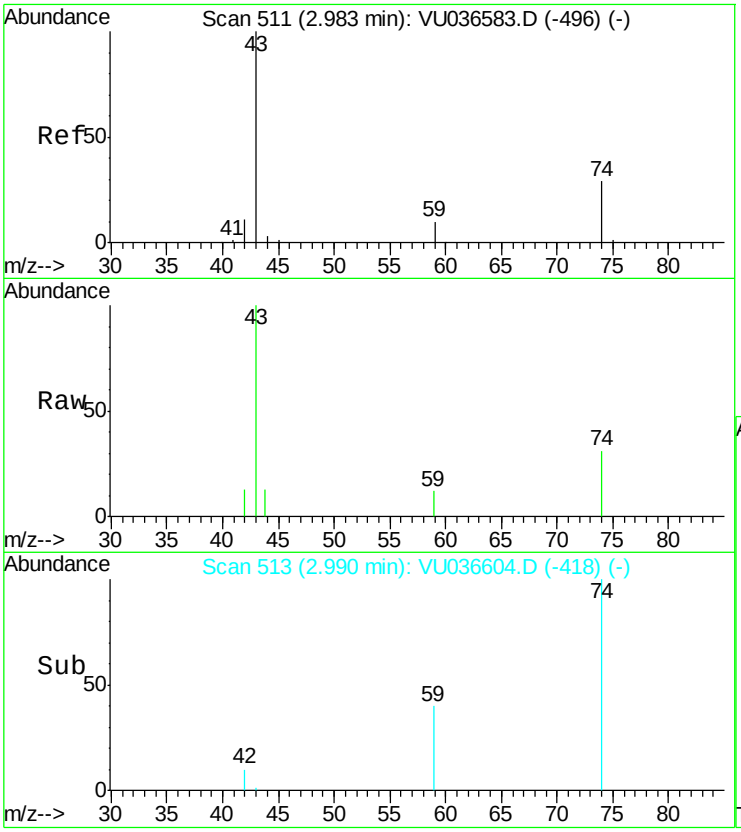


#13
Acetone
Concen: 2.175 ug/L
RT: 2.68 min Scan# 417
Delta R.T. 0.02 min
Lab File: VU036604.D
Acq: 29 Jan 2020 19:45

Tgt Ion: 43 Resp: 2838

Ion	Ratio	Lower	Upper
43	100		
58	39.2	0.0	75.4



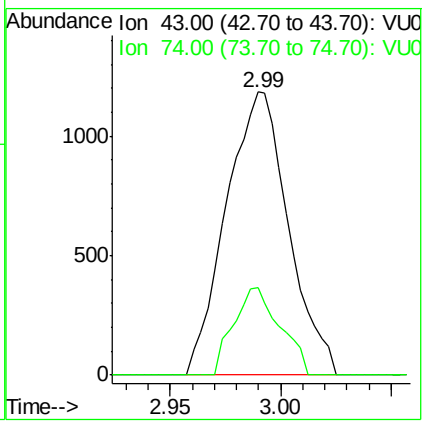


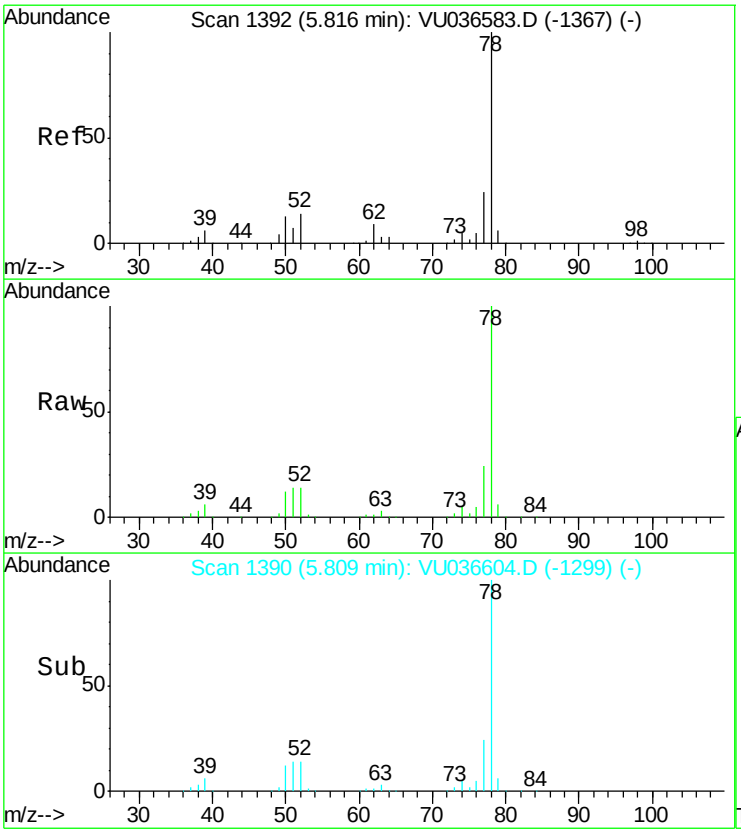
#15
Methyl Acetate
Concen: 1.133 ug/L
RT: 2.99 min Scan# 513
Delta R.T. 0.01 min
Lab File: VU036604.D
Acq: 29 Jan 2020 19:45

Instrument : MSVOA_U
ClientSampleId : GASZ4MS

Tgt Ion: 43 Resp: 2311

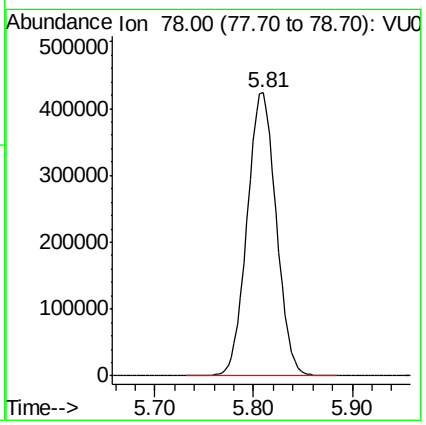
Ion	Ratio	Lower	Upper
43	100		
74	23.2	23.3	34.9#

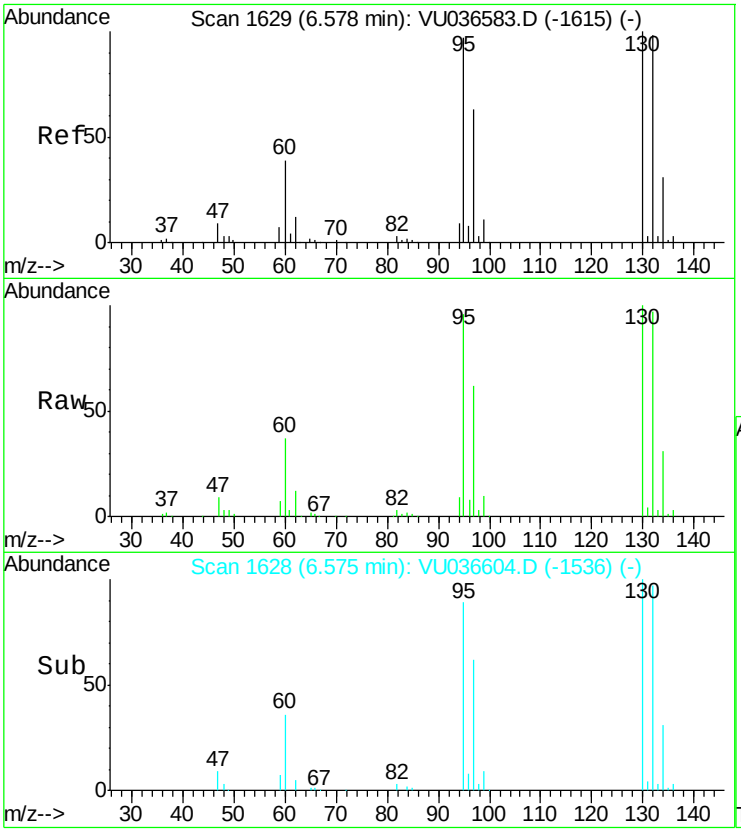




#33
Benzene
Concen: 95.416 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VU036604.D
Acq: 29 Jan 2020 19:45

Tgt Ion: 78 Resp: 862095



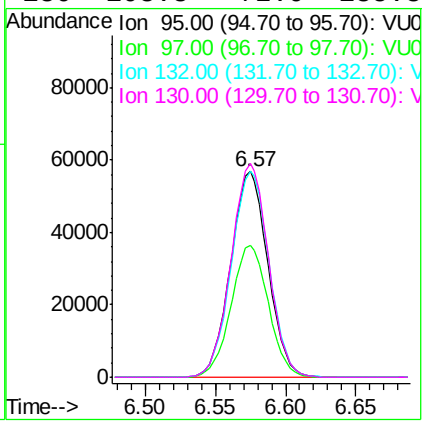


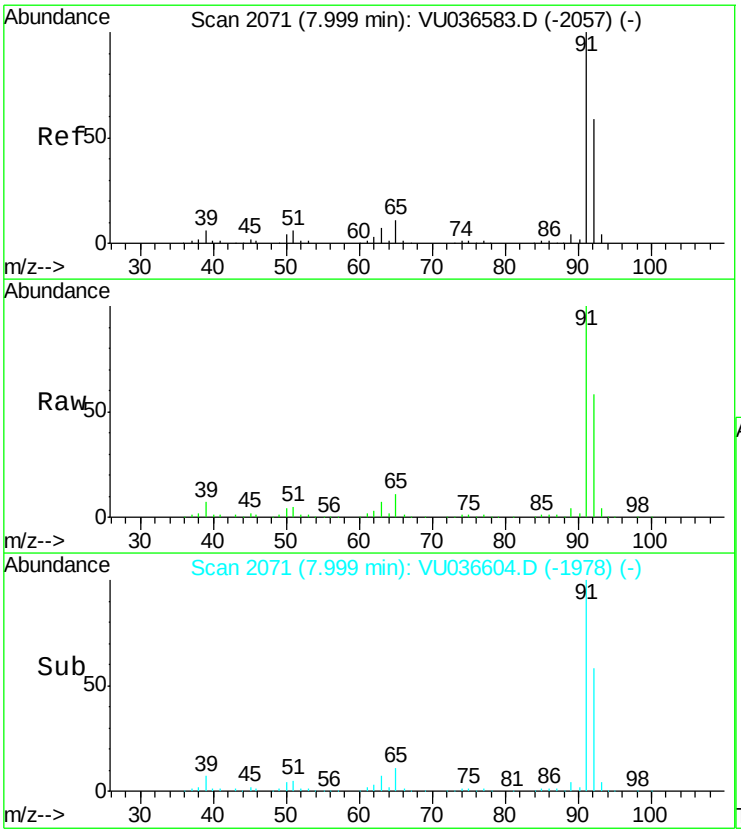
#34
Trichloroethene
Concen: 45.149 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU036604.D
Acq: 29 Jan 2020 19:45

Instrument :
MSVOA_U
ClientSampleId :
GASZ4MS

Tgt Ion: 95 Resp: 104998

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.5	84.5
132	100.3	70.9	131.7
130	103.8	72.9	135.3

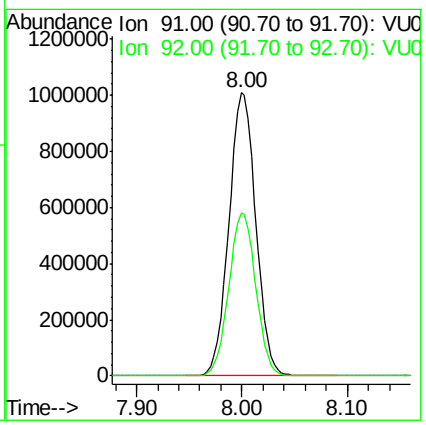


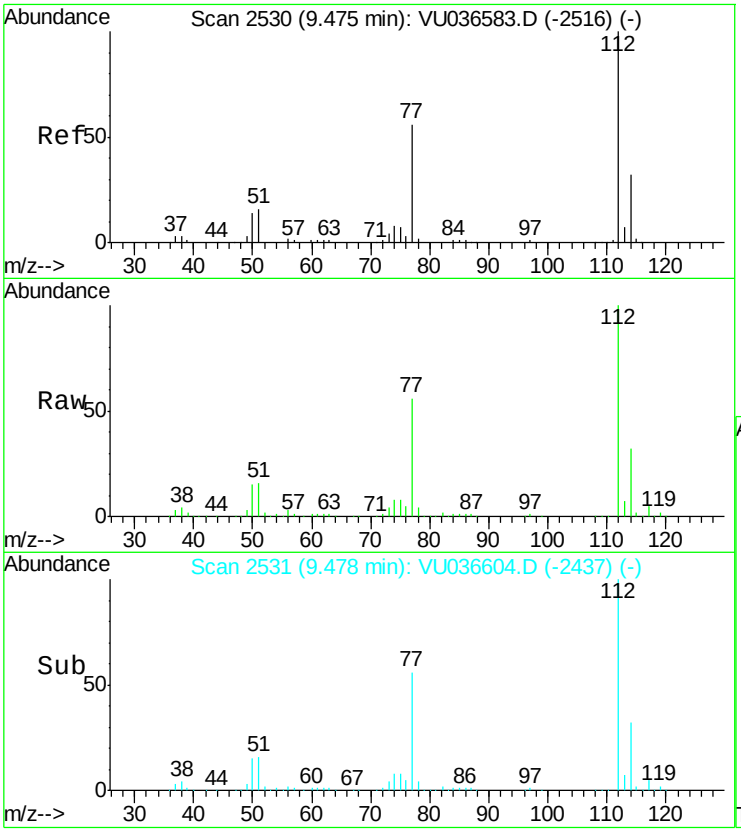


#42
Toluene
Concen: 180.898 ug/L
RT: 8.00 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VU036604.D
Acq: 29 Jan 2020 19:45

Tgt Ion: 91 Resp: 1776541

Ion	Ratio	Lower	Upper
91	100		
92	57.7	39.9	74.1



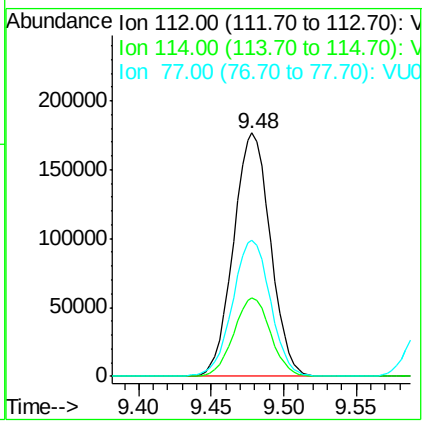


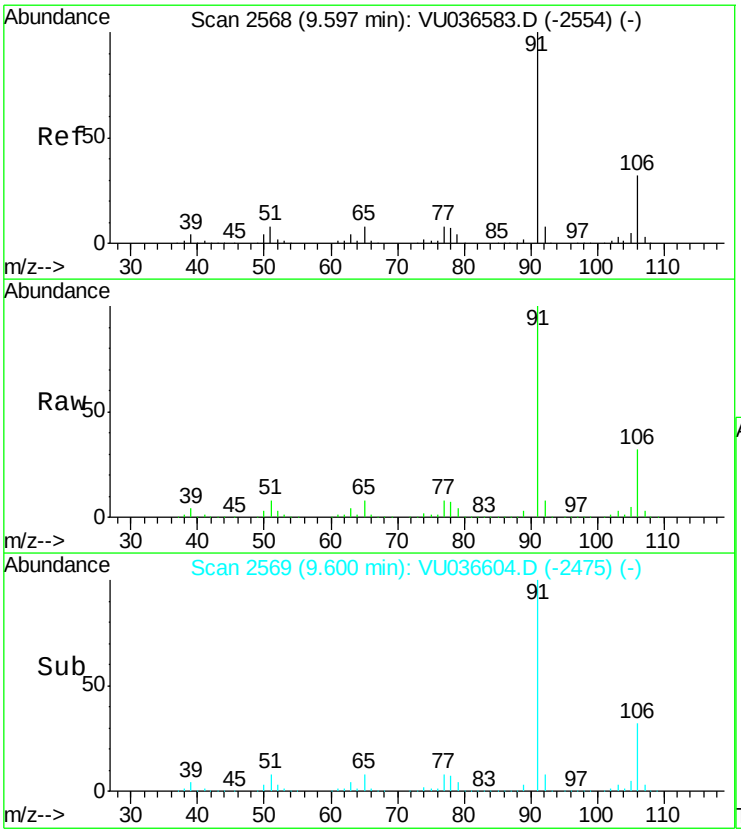
#51
Chlorobenzene
Concen: 48.844 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU036604.D
Acq: 29 Jan 2020 19:45

Instrument : MSVOA_U
ClientSampleId : GASZ4MS

Tgt Ion:112 Resp: 313026

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.5
77	56.2	45.7	68.5

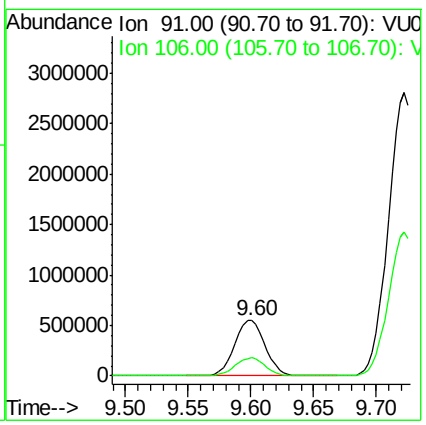


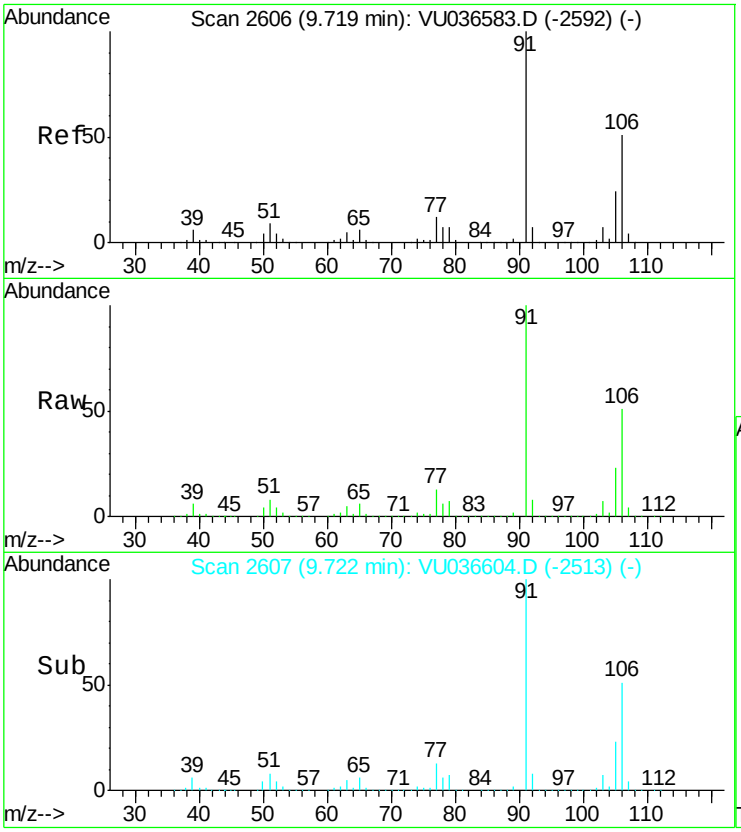


#52
Ethylbenzene
Concen: 86.443 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. 0.00 min
Lab File: VU036604.D
Acq: 29 Jan 2020 19:45

Tgt Ion: 91 Resp: 929955

Ion	Ratio	Lower	Upper
91	100		
106	32.4	22.6	42.0



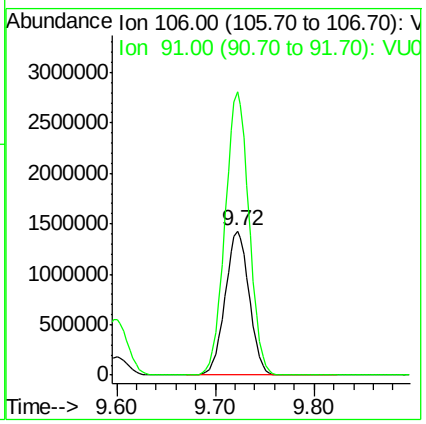


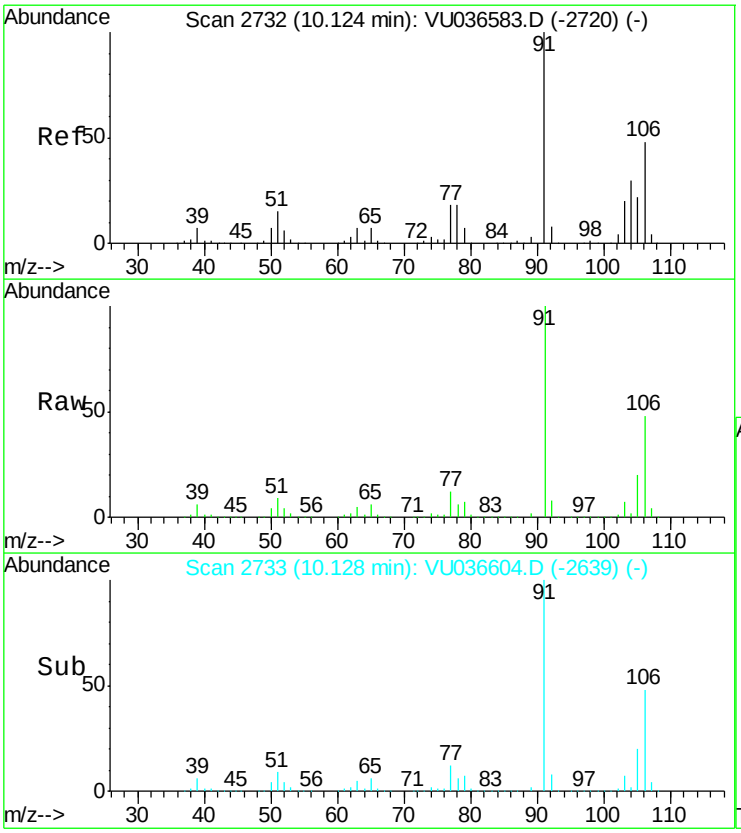
#53
m,p-Xylene
Concen: 578.643 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU036604.D
Acq: 29 Jan 2020 19:45

Instrument : MSVOA_U
ClientSampleId : GASZ4MS

Tgt Ion:106 Resp: 2427985

Ion	Ratio	Lower	Upper
106	100		
91	196.5	139.4	259.0

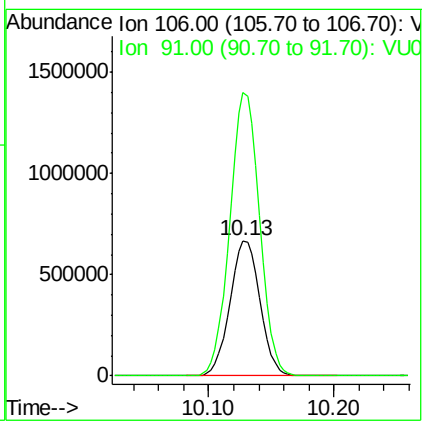


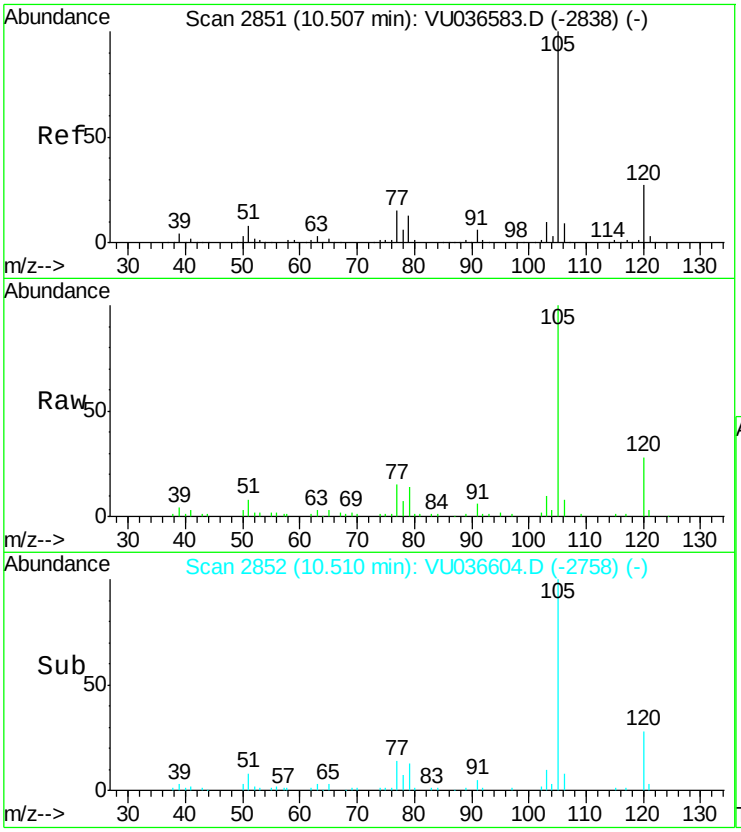


#54
o-xylene
Concen: 264.113 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU036604.D
Acq: 29 Jan 2020 19:45

Tgt Ion:106 Resp: 1105423

Ion	Ratio	Lower	Upper
106	100		
91	209.2	145.9	271.1





#56
Isopropylbenzene
Concen: 3.367 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036604.D
Acq: 29 Jan 2020 19:45

Instrument :
MSVOA_U
ClientSampleId :
GASZ4MS

Tgt Ion:105 Resp: 35832

Ion	Ratio	Lower	Upper
105	100		
120	27.8	21.6	32.4
77	16.1	11.8	17.8