Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100 uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Quant Time: Jan 16 14:17:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 14:14:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	622830	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	588483	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	291262	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	190698	47.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.44%			
7) Chloroethane-d5	1.92	69	179585	51.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.76%			
11) 1,1-Dichloroethene-d2	2.59	63	306997	39.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.18%			
21) 2-Butanone-d5	4.67	46	388838	112.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.00%			
24) Chloroform-d	5.11	84	439743	54.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.40%			
26) 1,2-Dichloroethane-d4	5.74	65	305699	57.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.40%			
32) Benzene-d6	5.77	84	881194	57.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.52%			
36) 1,2-Dichloropropane-d6	6.73	67	286367	57.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 114.42%			
41) Toluene-d8	7.93	98	845509	58.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.16%			
43) trans-1,3-Dichloropropene-	8.21	79	153759	57.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 114.04%			
47) 2-Hexanone-d5	8.66	63	305580	119.13	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.13%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	450365	59.82	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 119.64%			
64) 1,2-Dichlorobenzene-d4	12.21	152	339155	59.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 118.24%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2979	0.802	ug/L #	22
13) Acetone	2.66	43	6670	1.775	ug/L	92
25) Chloroform	5.12	83	7449	0.917	ug/L	80
42) Toluene	8.00	91	169923	9.252	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	8666	1.289	ug/L	96
52) Ethylbenzene	9.59	91	76029	3.706	ug/L	94
53) m,p-Xylene	9.72	106	196972	25.677	ug/L	100
54) o-xylene	10.12	106	87199	11.386	ug/L	91
55) Styrene	10.14	104	84592	6.811	ug/L	95
66) 1,2-Dibromo-3-chloropropan	13.05	75	4005	2.013	ug/L #	8
69) Naphthalene	14.10	128	6240279	451.844	ug/L	99

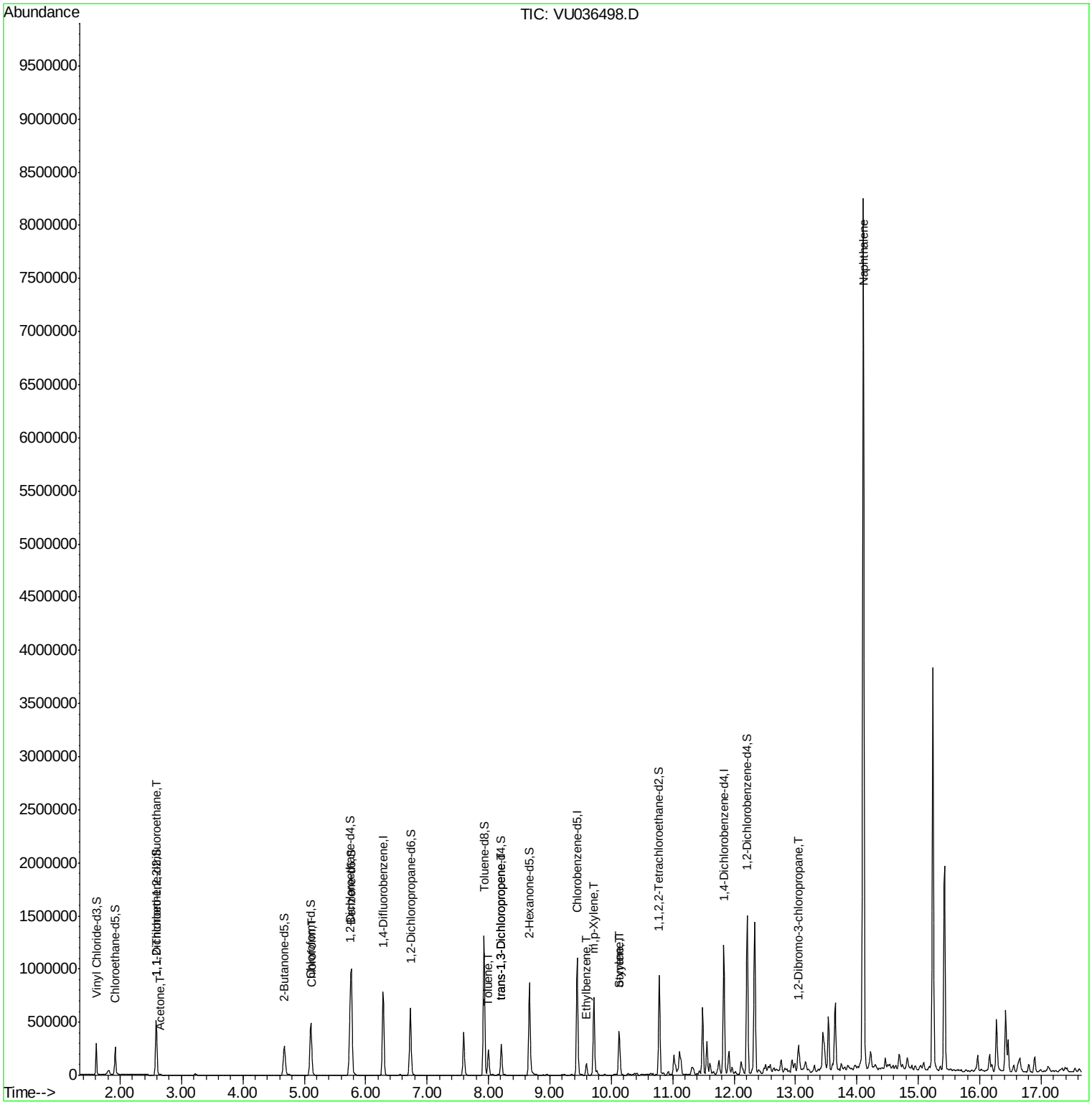
(#) = qualifier out of range (m) = manual integration (+) = signals summed

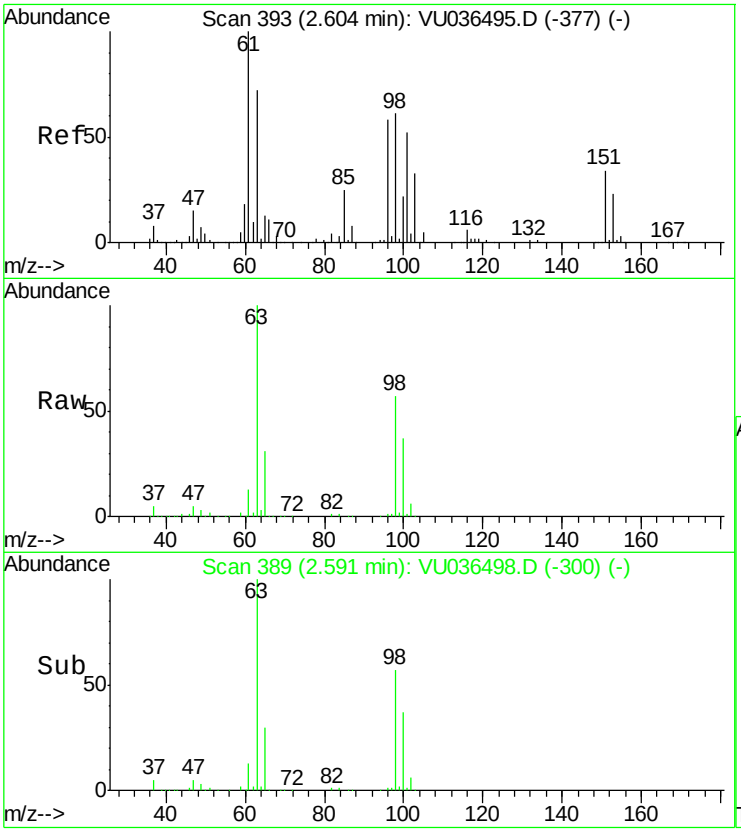
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100 uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GASK2DL

Quant Time: Jan 16 14:17:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 14:14:58 2020
Response via : Initial Calibration



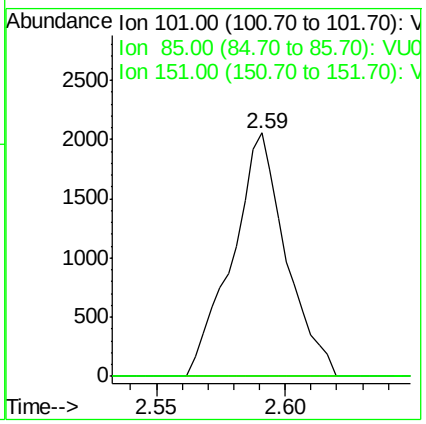


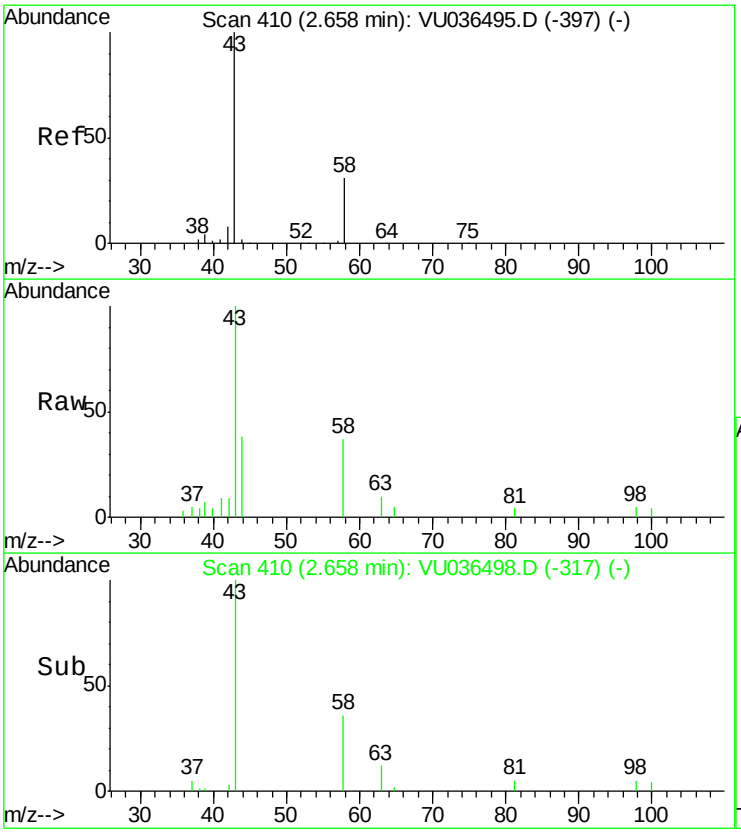
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.802 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.01 min
Lab File: VU036498.D
Acq: 16 Jan 2020 12:53

Instrument :
MSVOA_U
ClientSampleId :
GASK2DL

Tgt Ion:101 Resp: 2979

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.7	55.1#
151	0.0	53.3	79.9#

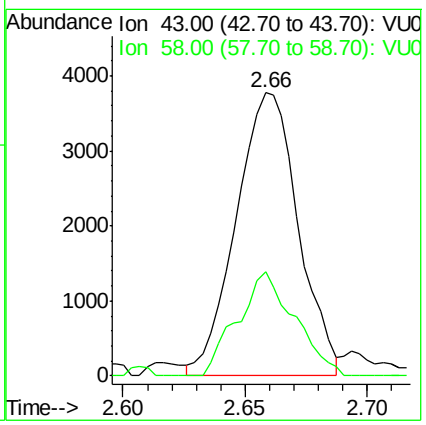


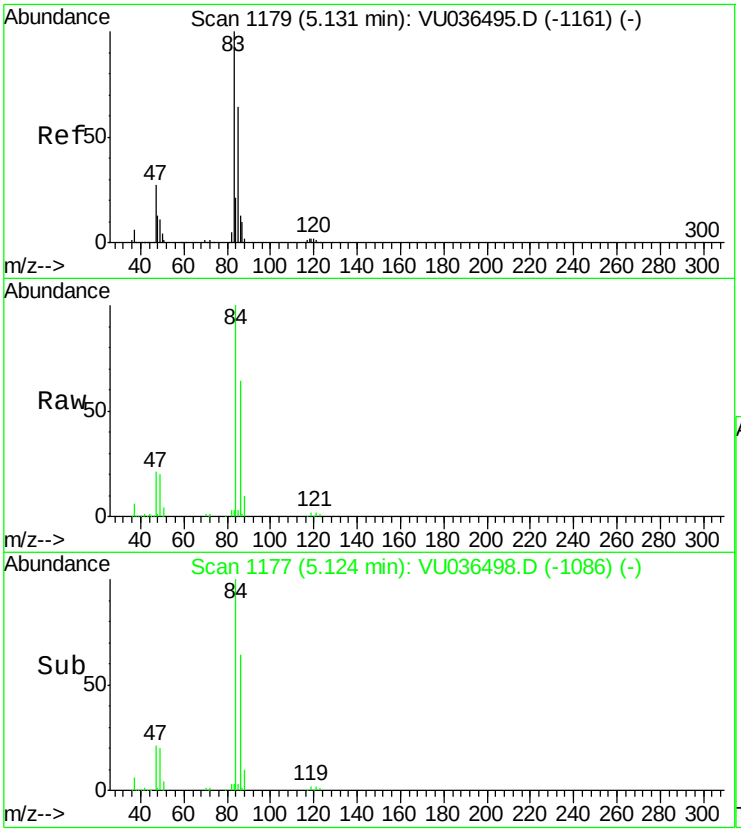


#13
Acetone
Concen: 1.775 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.00 min
Lab File: VU036498.D
Acq: 16 Jan 2020 12:53

Tgt Ion: 43 Resp: 6670

Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.0	65.0



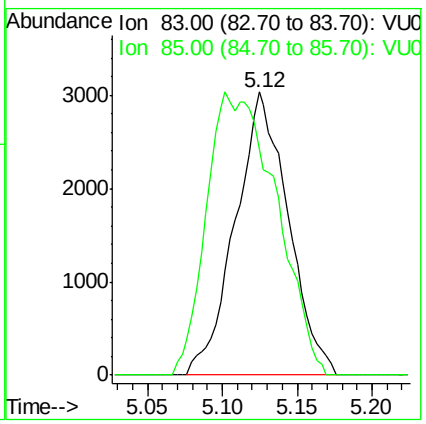


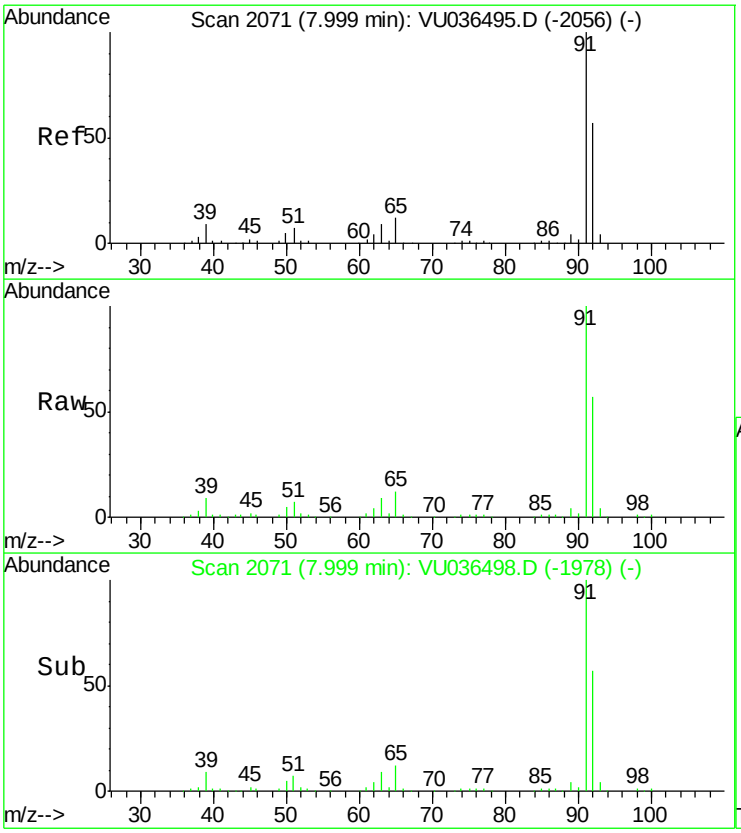
#25
Chloroform
Concen: 0.917 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VU036498.D
Acq: 16 Jan 2020 12:53

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Tgt Ion: 83 Resp: 7449

Ion	Ratio	Lower	Upper
83	100		
85	79.9	45.1	83.9

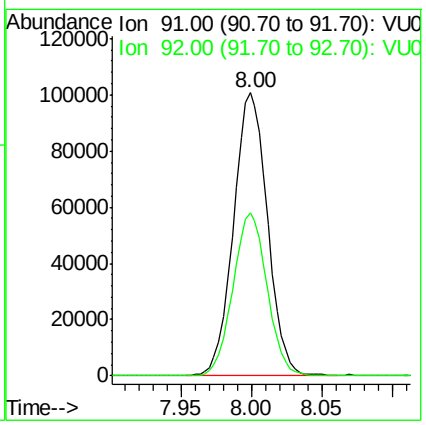


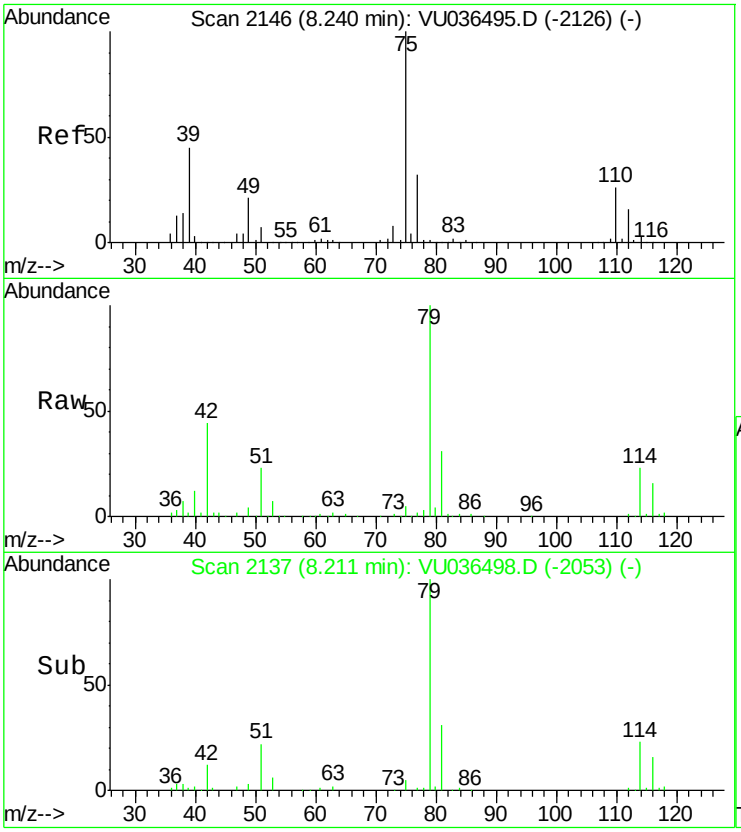


#42
Toluene
Concen: 9.252 ug/L
RT: 8.00 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VU036498.D
Acq: 16 Jan 2020 12:53

Tgt Ion: 91 Resp: 169923

Ion	Ratio	Lower	Upper
91	100		
92	57.5	39.5	73.3



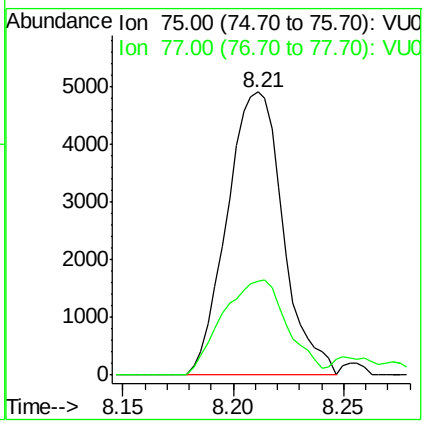


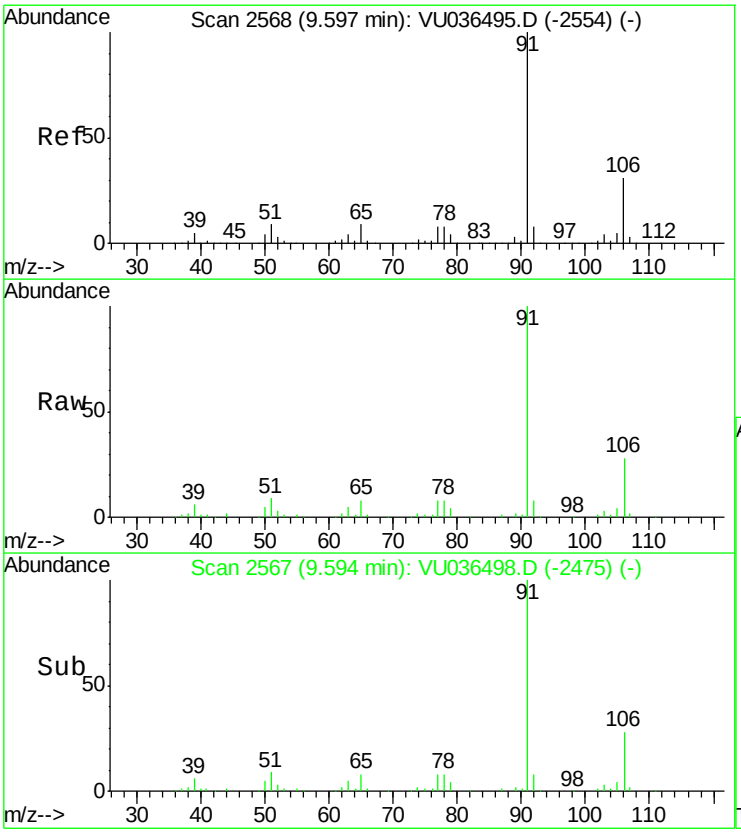
#44
trans-1,3-Dichloropropene
Concen: 1.289 ug/L
RT: 8.21 min Scan# 2137
Delta R.T. -0.03 min
Lab File: VU036498.D
Acq: 16 Jan 2020 12:53

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Tgt Ion: 75 Resp: 8666

Ion	Ratio	Lower	Upper
75	100		
77	33.4	21.8	40.4

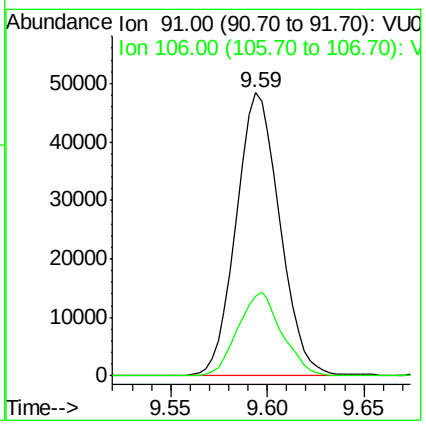


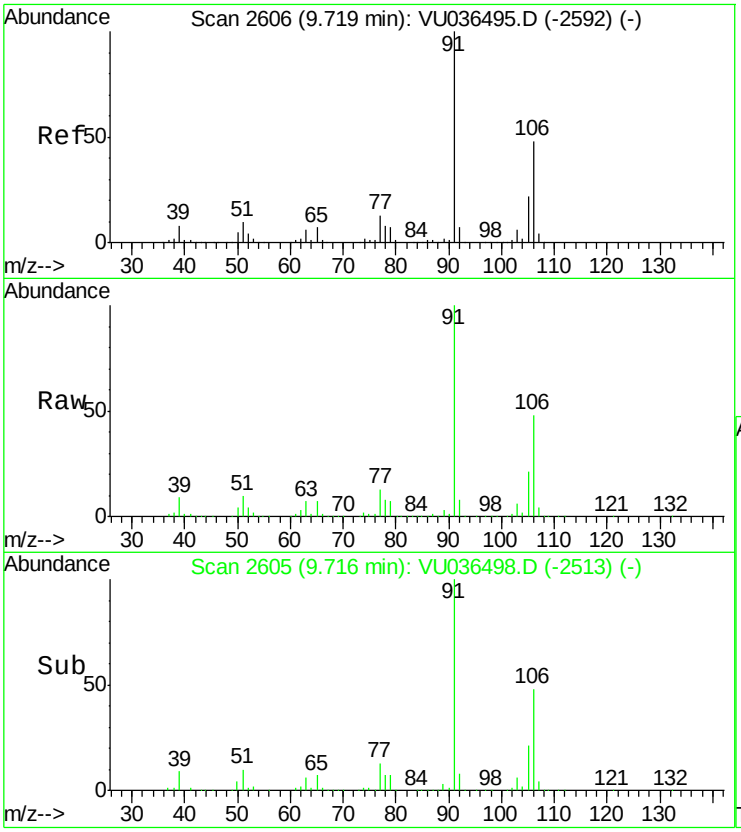


#52
Ethylbenzene
Concen: 3.706 ug/L
RT: 9.59 min Scan# 2567
Delta R.T. -0.00 min
Lab File: VU036498.D
Acq: 16 Jan 2020 12:53

Tgt Ion: 91 Resp: 76029

Ion	Ratio	Lower	Upper
91	100		
106	28.2	22.3	41.3



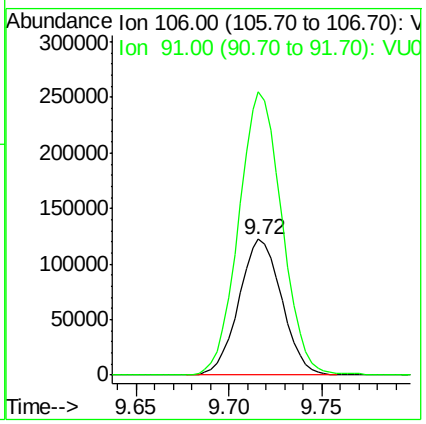


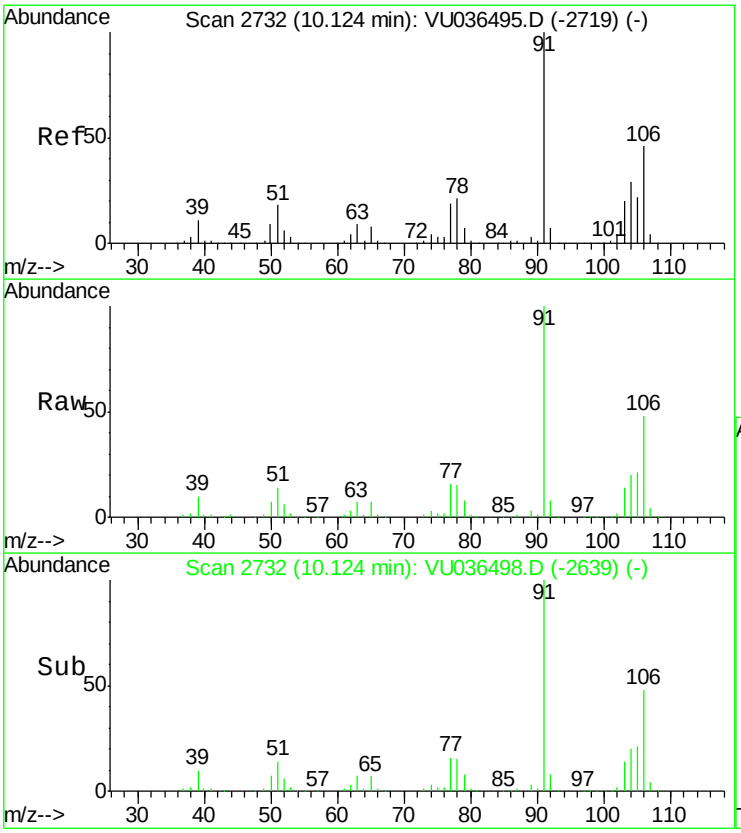
#53
m,p-Xylene
Concen: 25.677 ug/L
RT: 9.72 min Scan# 2605
Delta R.T. -0.00 min
Lab File: VU036498.D
Acq: 16 Jan 2020 12:53

Instrument :
MSVOA_U
ClientSampleId :
GASK2DL

Tgt Ion:106 Resp: 196972

Ion	Ratio	Lower	Upper
106	100		
91	208.2	145.9	270.9

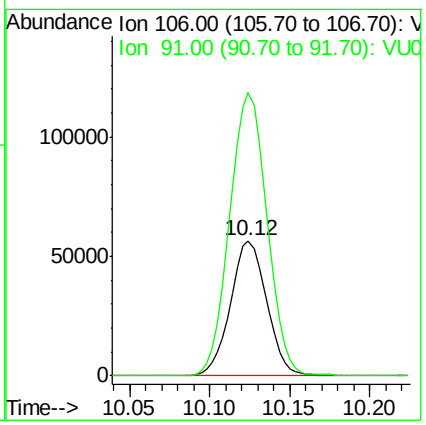


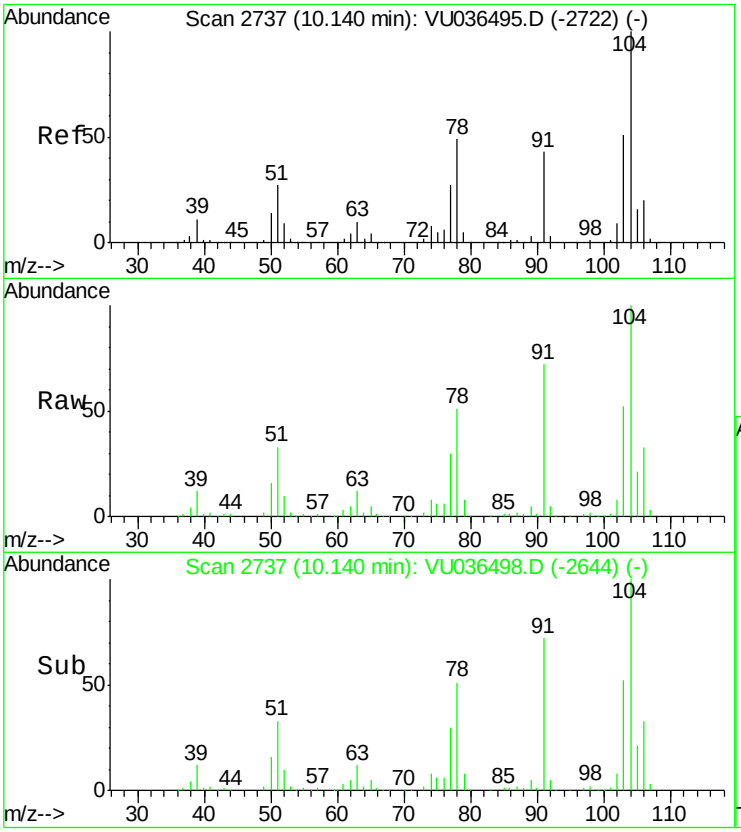


#54
o-xylene
Concen: 11.386 ug/L
RT: 10.12 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU036498.D
Acq: 16 Jan 2020 12:53

Tgt Ion:106 Resp: 87199

Ion	Ratio	Lower	Upper
106	100		
91	208.9	156.4	290.4



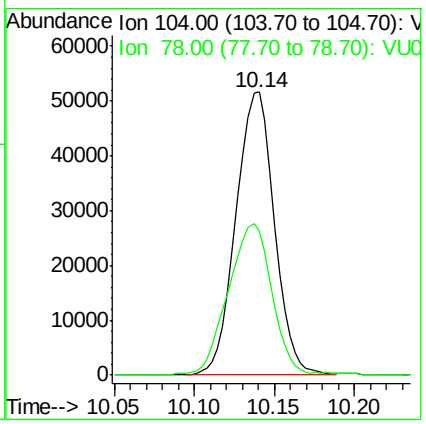


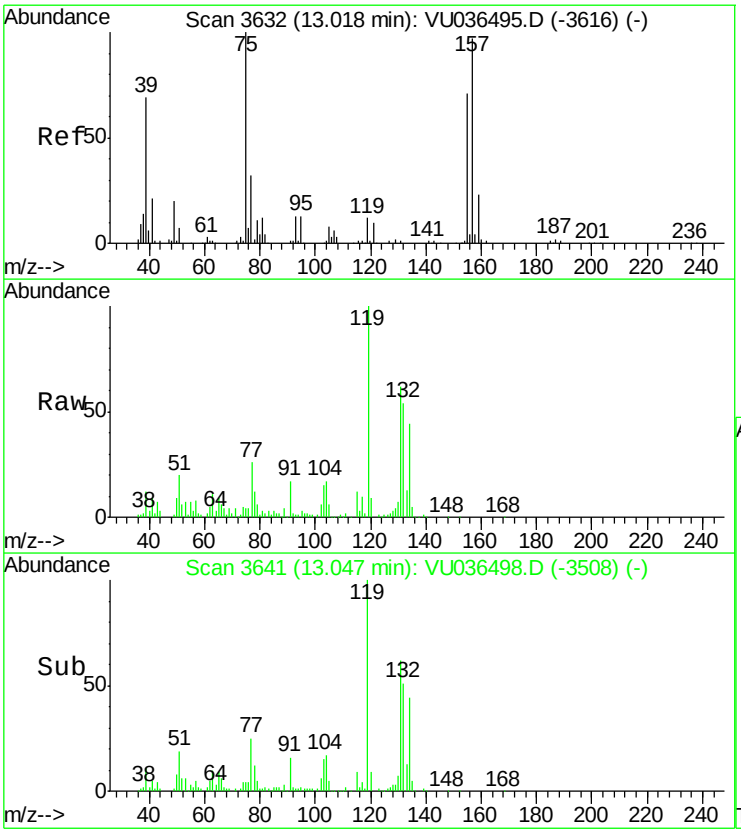
#55
Styrene
Concen: 6.811 ug/L
RT: 10.14 min Scan# 2737
Delta R.T. -0.00 min
Lab File: VU036498.D
Acq: 16 Jan 2020 12:53

Instrument : MSVOA_U
ClientSampleId : GASK2DL

Tgt Ion:104 Resp: 84592

Ion	Ratio	Lower	Upper
104	100		
78	50.7	33.2	61.7

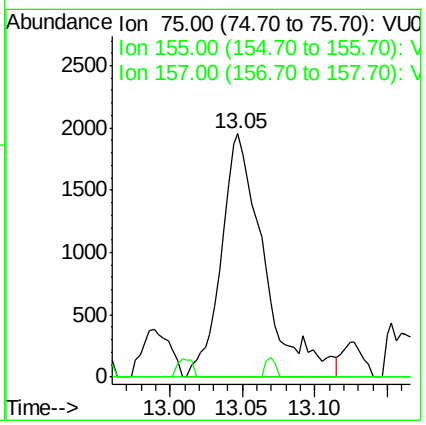


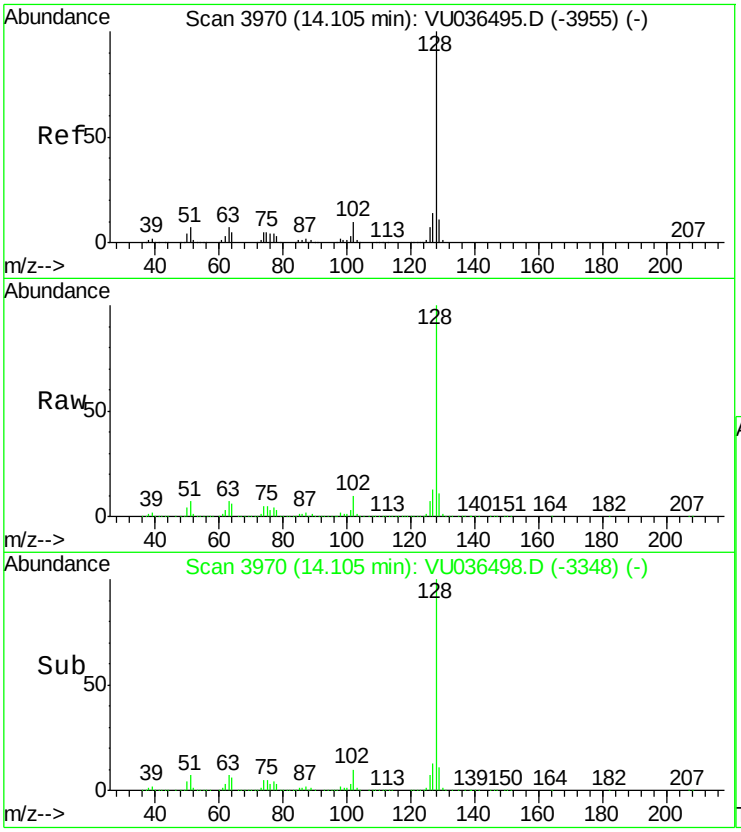


#66
1,2-Dibromo-3-chloropropane
Concen: 2.013 ug/L
RT: 13.05 min Scan# 3641
Delta R.T. 0.03 min
Lab File: VU036498.D
Acq: 16 Jan 2020 12:53

Tgt Ion: 75 Resp: 4005

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.1	88.7#
157	0.0	72.7	109.1#





#69
Naphthalene
Concen: 451.844 ug/L
RT: 14.10 min Scan# 3970
Delta R.T. -0.00 min
Lab File: VU036498.D
Acq: 16 Jan 2020 12:53

Instrument :
MSVOA_U
ClientSampleId :
GASK2DL

Tgt Ion:128 Resp: 6240279

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.7	8.6	12.8