Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\

Quantitation Report (Not Reviewed)

Data File : VU034775.D
Acq On : 24 Sep 2019 16:48
Operator : JC/SP
Sample : K4984-11
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDM6

Quant Time: Sep 25 03:03:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	596975	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	578715	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	287801	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	204938	33.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 67.06%			
7) Chloroethane-d5	1.63	69	149584	31.67	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 63.34%#			
11) 1,1-Dichloroethene-d2	2.22	63	329498	31.84	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.68%			
21) 2-Butanone-d5	4.17	46	468215	99.96	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.96%			
24) Chloroform-d	4.62	84	381699	42.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.92%			
26) 1,2-Dichloroethane-d4	5.28	65	279165	42.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.48%			
32) Benzene-d6	5.31	84	842127	46.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.90%			
36) 1,2-Dichloropropane-d6	6.31	67	294042	46.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.80%			
41) Toluene-d8	7.54	98	848723	49.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.46%			
43) trans-1,3-Dichloropropene-	7.83	79	134813	44.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.80%			
47) 2-Hexanone-d5	8.31	63	358250	113.77	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.77%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	447915	51.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.98%			
64) 1,2-Dichlorobenzene-d4	11.84	152	321321	53.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.48%			
Target Compounds						Qvalue
25) Chloroform	4.64	83	17704	1.835	ug/L	91
29) Cyclohexane	4.95	56	53059	5.555	ug/L	96
35) Methylcyclohexane	6.39	83	437281	51.983	ug/L	99
45) 1,1,2-Trichloroethane	8.02	97	219832	45.921	ug/L #	16
48) 2-Hexanone	8.31	43	337242	37.843	ug/L #	35
52) Ethylbenzene	9.23	91	1431531	58.606	ug/L	97
53) m,p-Xylene	9.36	106	1192484	137.832	ug/L	96
54) o-xylene	9.76	106	47904	5.598	ug/L	98
56) Isopropylbenzene	10.15	105	1415098	61.330	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.47	83	76981	8.372	ug/L #	36
66) 1,2-Dibromo-3-chloropropan	12.63	75	11139	5.204	ug/L #	24
69) Naphthalene	13.72	128	1406437	77.364	ug/L #	96

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\

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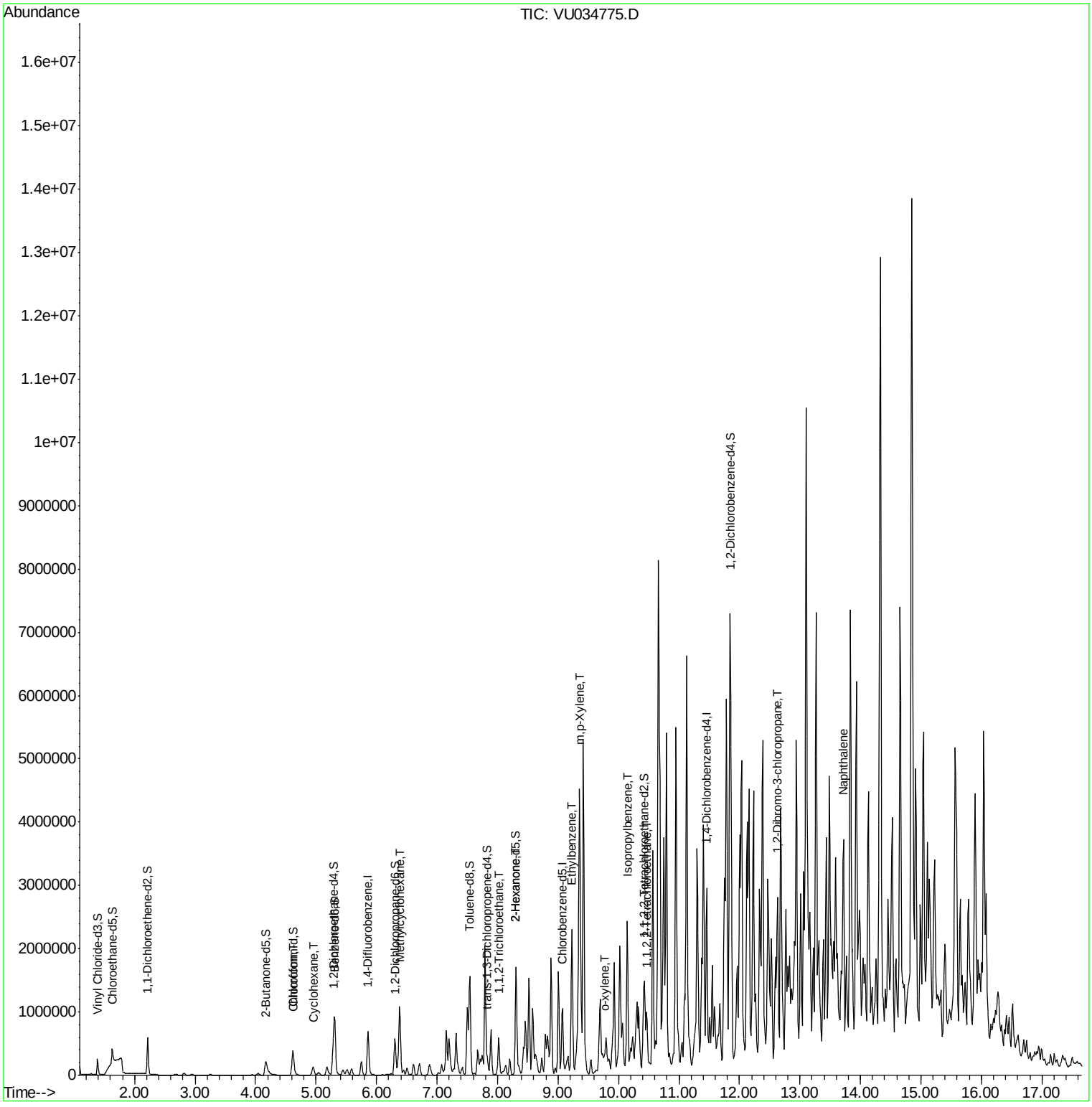
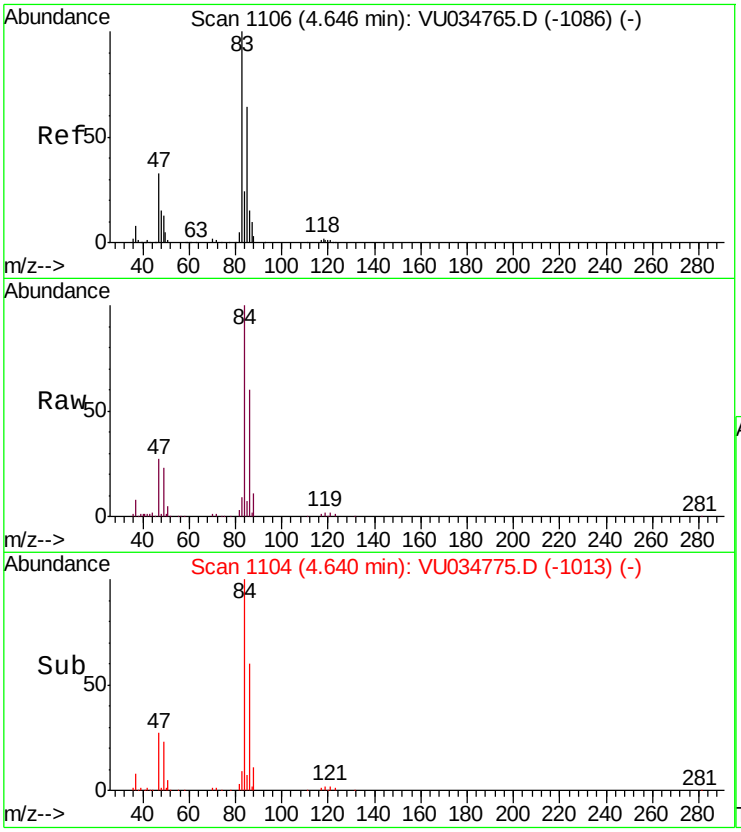
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration



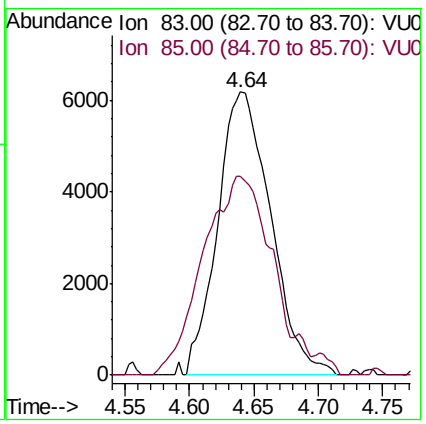


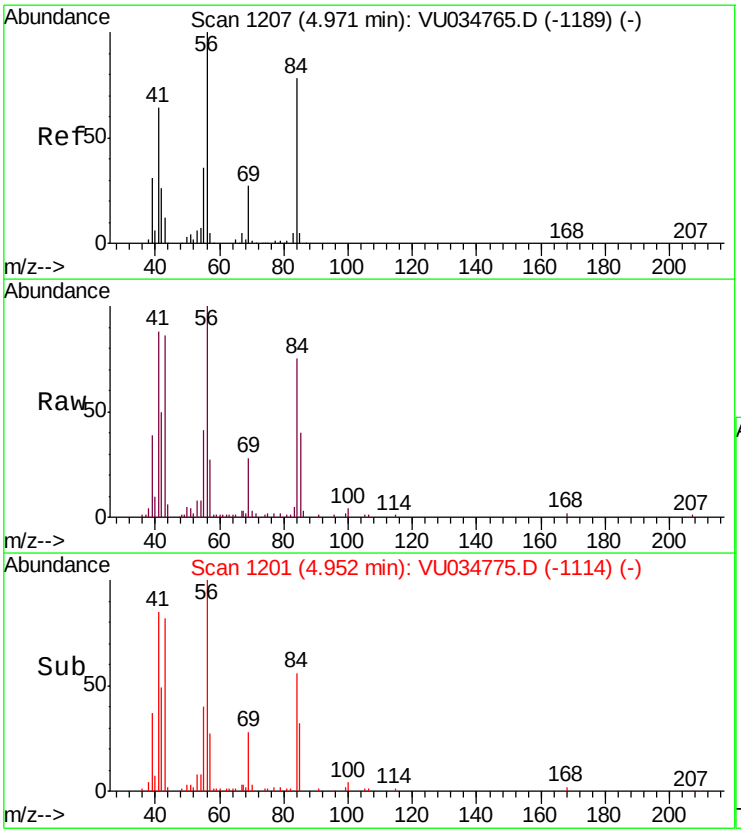
#25
Chloroform
Concen: 1.835 ug/L
RT: 4.64 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VU034775.D
Acq: 24 Sep 2019 16:48

Instrument :
MSVOA_U
ClientSampleId :
BEDM6

Tgt Ion: 83 Resp: 17704

Ion	Ratio	Lower	Upper
83	100		
85	70.1	44.0	81.6

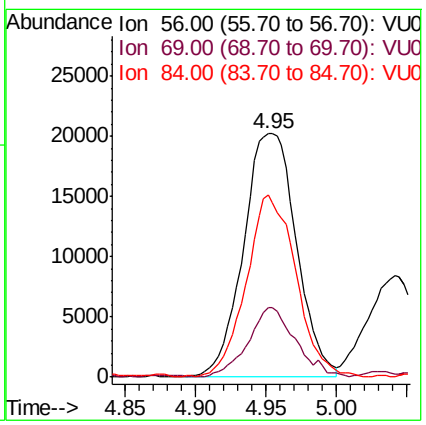


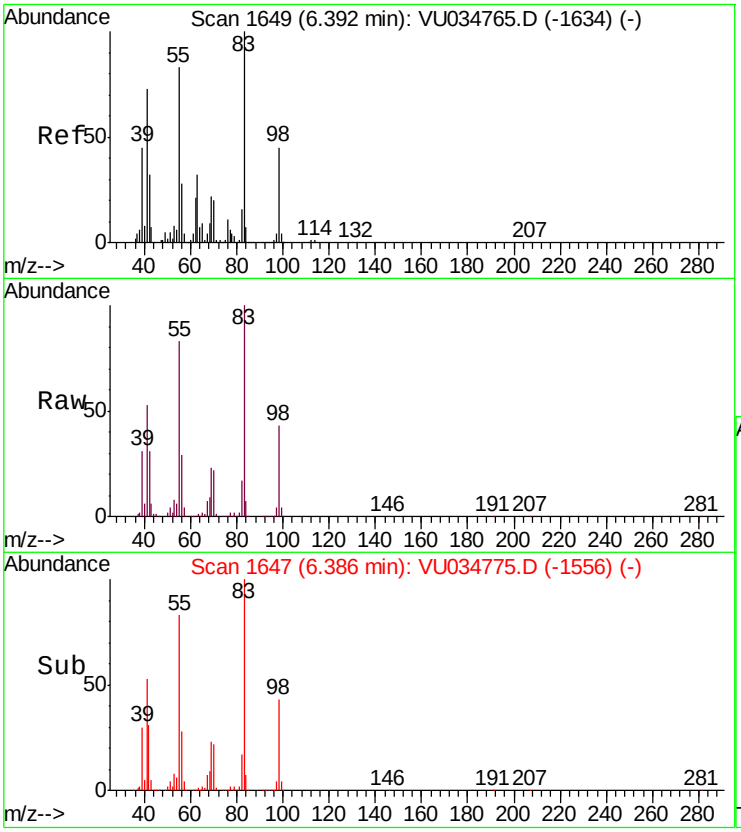


#29
Cyclohexane
Concen: 5.555 ug/L
RT: 4.95 min Scan# 1201
Delta R.T. -0.02 min
Lab File: VU034775.D
Acq: 24 Sep 2019 16:48

Tgt Ion: 56 Resp: 53059

Ion	Ratio	Lower	Upper
56	100		
69	24.2	21.7	32.5
84	70.3	58.8	88.2



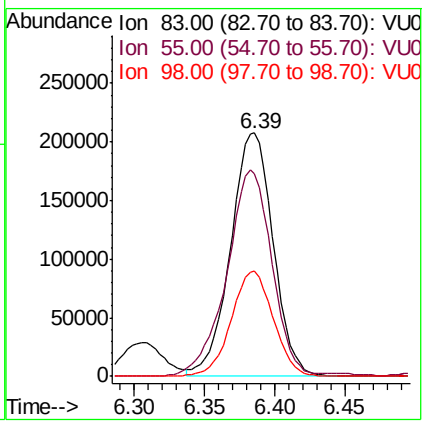


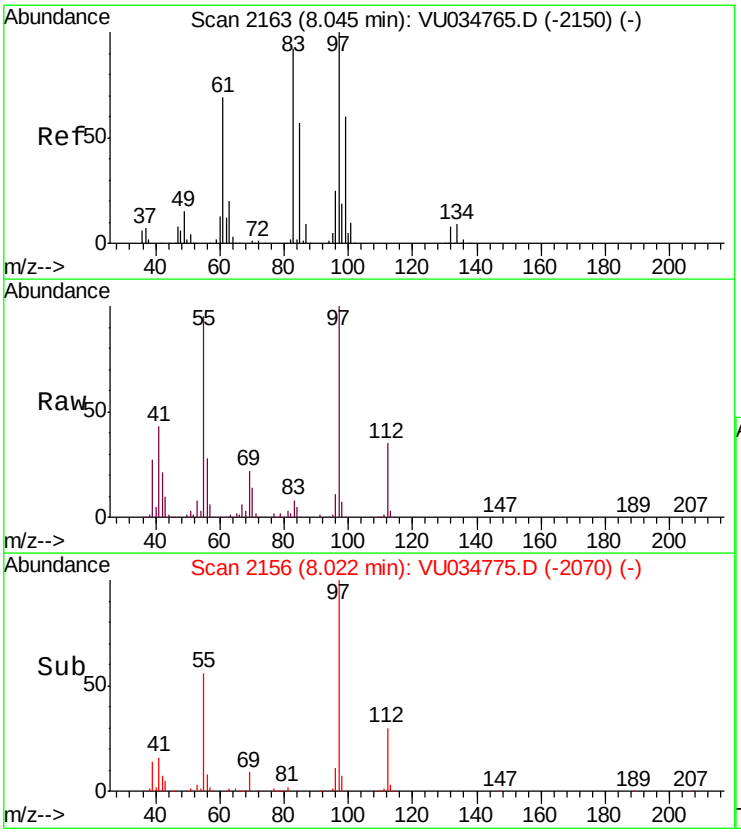
#35
Methylcyclohexane
Concen: 51.983 ug/L
RT: 6.39 min Scan# 1647
Delta R.T. -0.01 min
Lab File: VU034775.D
Acq: 24 Sep 2019 16:48

Instrument :
MSVOA_U
ClientSampleId :
BEDM6

Tgt Ion: 83 Resp: 437281

Ion	Ratio	Lower	Upper
83	100		
55	89.4	71.6	107.4
98	42.5	35.7	53.5

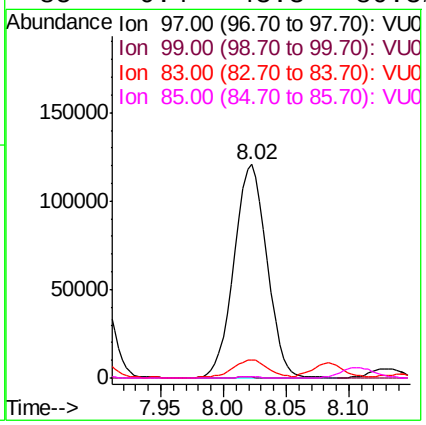


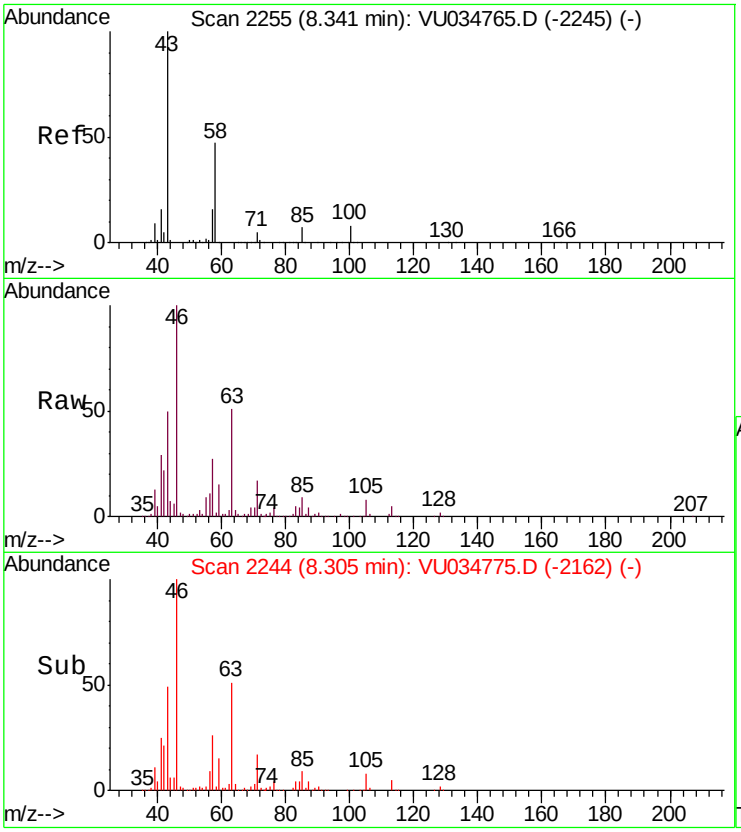


#45
1,1,2-Trichloroethane
Concen: 45.921 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.02 min
Lab File: VU034775.D
Acq: 24 Sep 2019 16:48

Tgt Ion: 97 Resp: 219832

Ion	Ratio	Lower	Upper
97	100		
99	0.4	43.6	81.0#
83	8.5	66.9	124.3#
85	0.4	43.3	80.3#



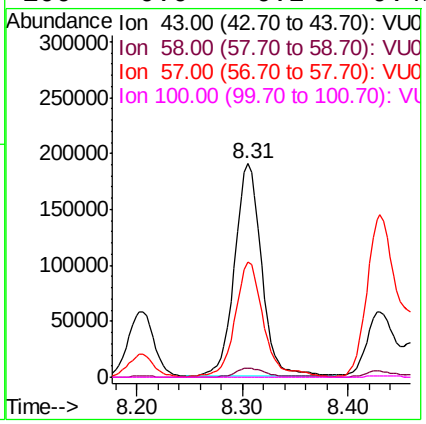


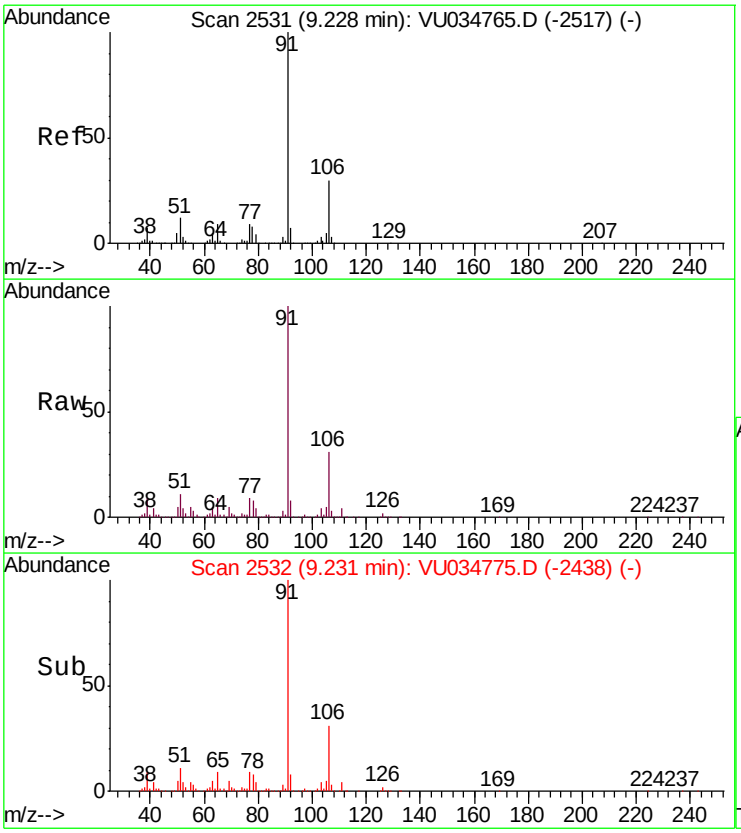
#48
2-Hexanone
Concen: 37.843 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.04 min
Lab File: VU034775.D
Acq: 24 Sep 2019 16:48

Instrument :
MSVOA_U
ClientSampleId :
BEDM6

Tgt Ion: 43 Resp: 337242

Ion	Ratio	Lower	Upper
43	100		
58	4.9	35.3	52.9#
57	56.9	12.1	18.1#
100	0.0	6.2	9.4#

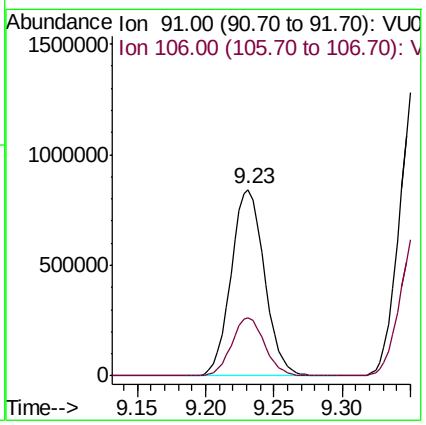


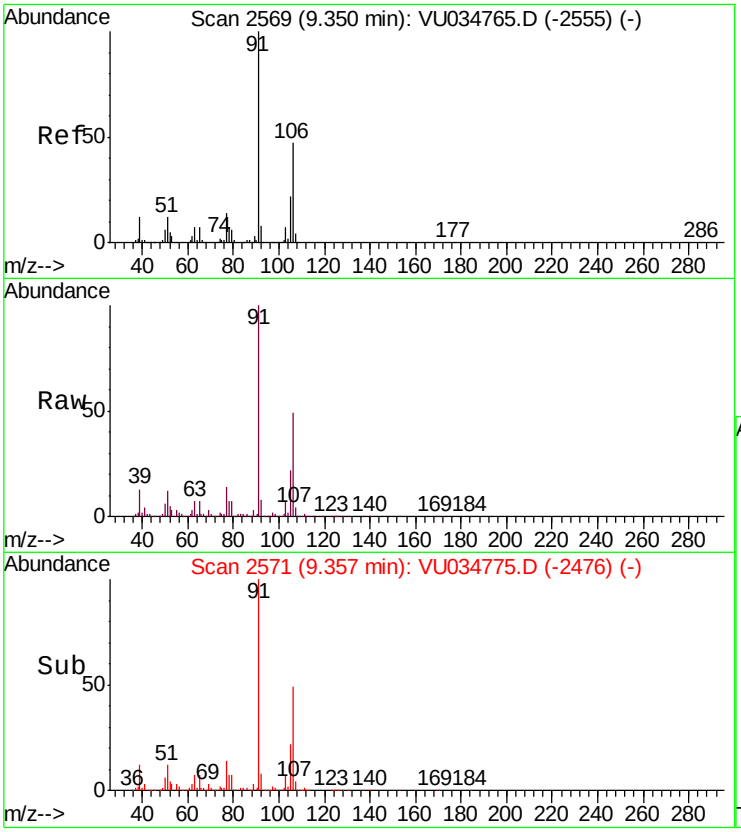


#52
Ethylbenzene
Concen: 58.606 ug/L
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034775.D
Acq: 24 Sep 2019 16:48

Tgt Ion: 91 Resp: 1431531

Ion	Ratio	Lower	Upper
91	100		
106	31.1	20.6	38.4



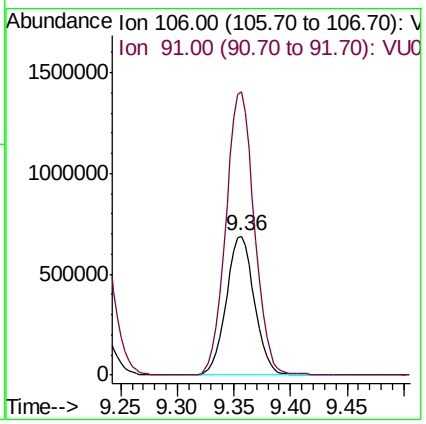


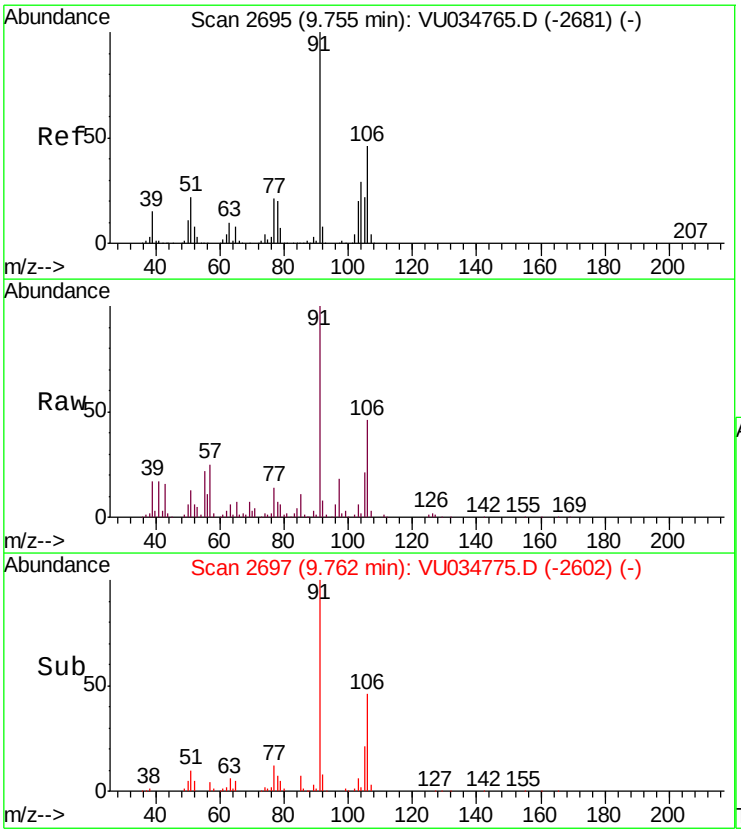
#53
m,p-Xylene
Concen: 137.832 ug/L
RT: 9.36 min Scan# 2571
Delta R.T. 0.01 min
Lab File: VU034775.D
Acq: 24 Sep 2019 16:48

Instrument :
MSVOA_U
ClientSampleId :
BEDM6

Tgt Ion:106 Resp: 1192484

Ion	Ratio	Lower	Upper
106	100		
91	203.7	146.9	272.7

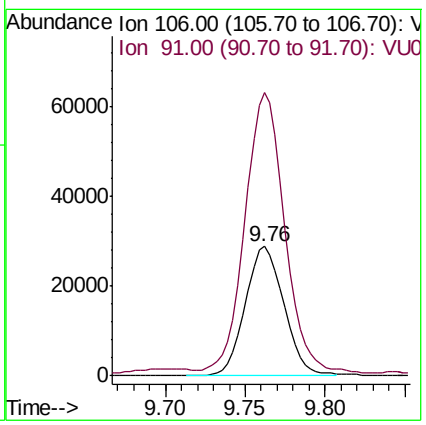


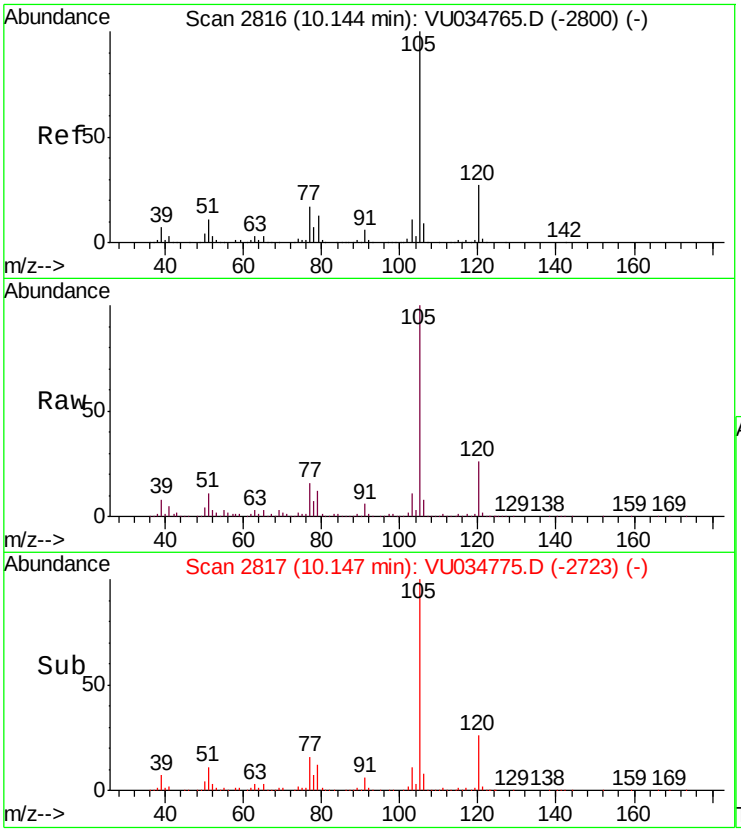


#54
o-xylene
Concen: 5.598 ug/L
RT: 9.76 min Scan# 2697
Delta R.T. 0.01 min
Lab File: VU034775.D
Acq: 24 Sep 2019 16:48

Tgt Ion:106 Resp: 47904

Ion	Ratio	Lower	Upper
106	100		
91	219.0	155.6	289.0



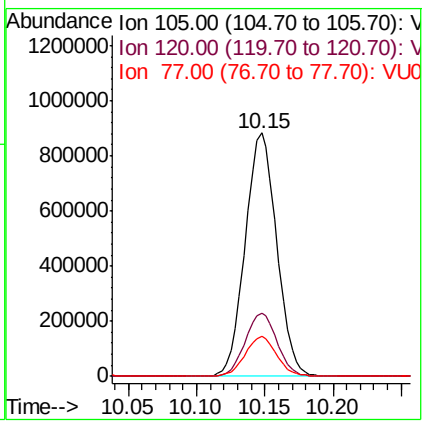


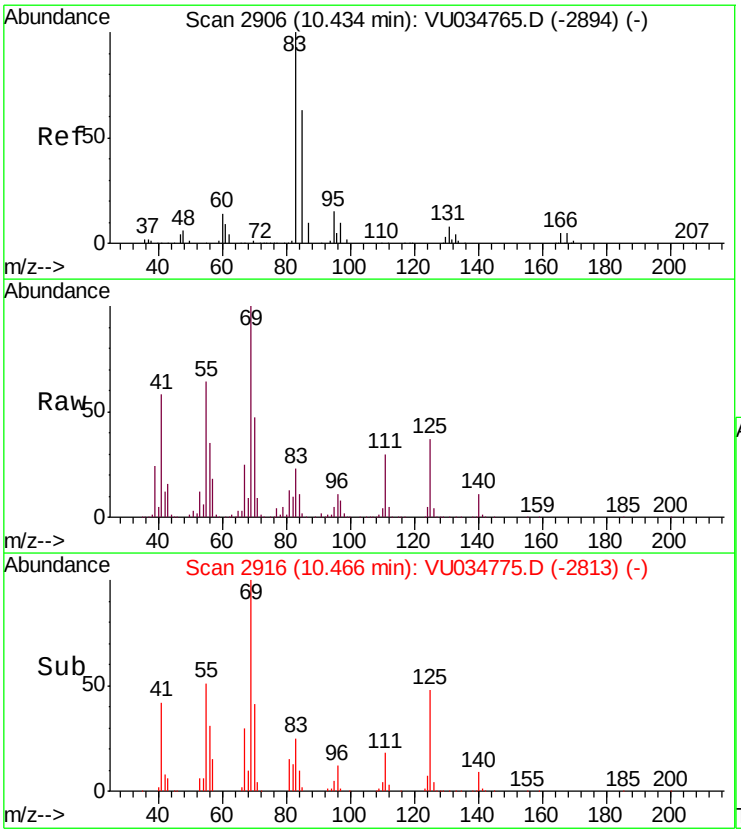
#56
Isopropylbenzene
Concen: 61.330 ug/L
RT: 10.15 min Scan# 2817
Delta R.T. 0.00 min
Lab File: VU034775.D
Acq: 24 Sep 2019 16:48

Instrument :
MSVOA_U
ClientSampleId :
BEDM6

Tgt Ion:105 Resp: 1415098

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.4	30.6
77	16.1	14.2	21.4

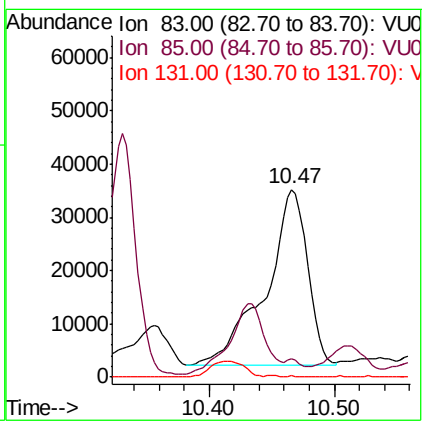


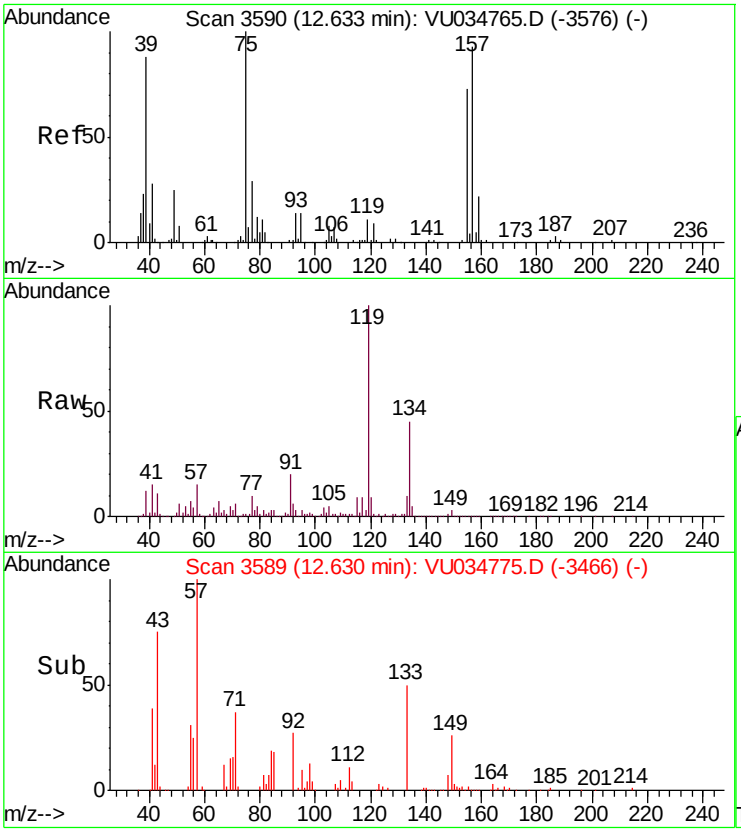


#58
1,1,2,2-Tetrachloroethane
Concen: 8.372 ug/L
RT: 10.47 min Scan# 2916
Delta R.T. 0.03 min
Lab File: VU034775.D
Acq: 24 Sep 2019 16:48

Tgt Ion: 83 Resp: 76981

Ion	Ratio	Lower	Upper
83	100		
85	9.6	44.6	82.8#
131	0.6	6.6	10.0#



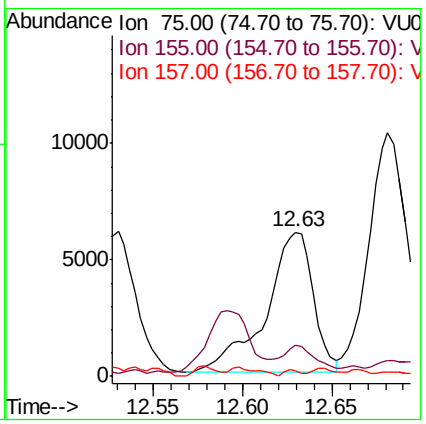


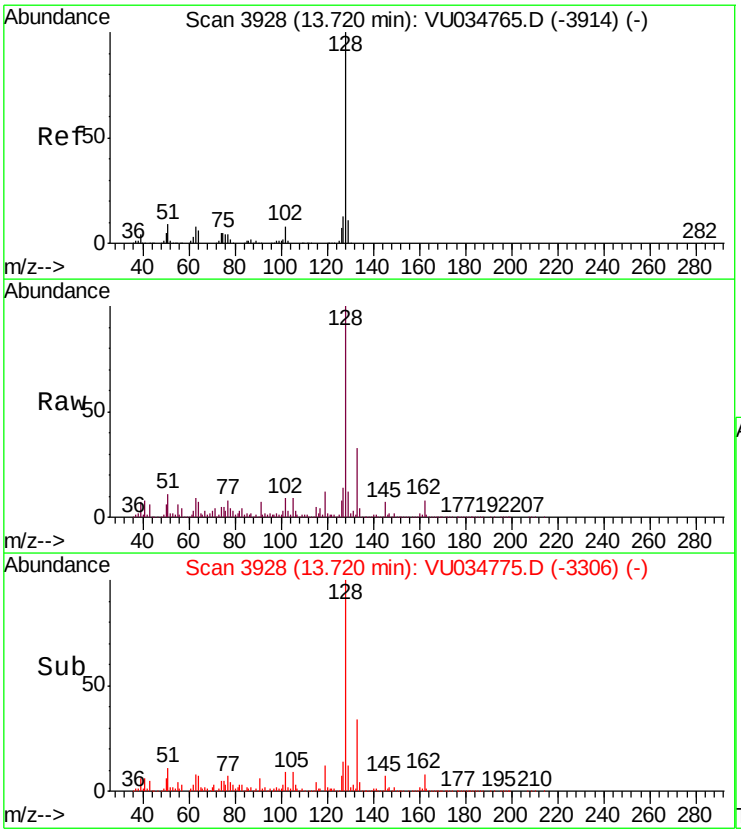
#66
1,2-Dibromo-3-chloropropane
Concen: 5.204 ug/L
RT: 12.63 min Scan# 3589
Delta R.T. -0.00 min
Lab File: VU034775.D
Acq: 24 Sep 2019 16:48

Instrument :
MSVOA_U
ClientSampleId :
BEDM6

Tgt Ion: 75 Resp: 11139

Ion	Ratio	Lower	Upper
75	100		
155	22.0	54.7	82.1#
157	4.0	69.9	104.9#





#69
Naphthalene
Concen: 77.364 ug/L
RT: 13.72 min Scan# 3928
Delta R.T. -0.00 min
Lab File: VU034775.D
Acq: 24 Sep 2019 16:48

Tgt Ion:128 Resp: 1406437

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	13.1	8.6	12.8#