Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Time: Sep 24 05:42:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	525710	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	492786	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	239585	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	209338	38.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.80%			
7) Chloroethane-d5	1.67	69	175016	42.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.16%			
11) 1,1-Dichloroethene-d2	2.26	63	297771	32.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.34%			
21) 2-Butanone-d5	4.15	46	457085	110.81	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.81%			
24) Chloroform-d	4.62	84	370320	47.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.66%			
26) 1,2-Dichloroethane-d4	5.29	65	274207	47.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.34%			
32) Benzene-d6	5.32	84	754835	49.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.84%			
36) 1,2-Dichloropropane-d6	6.31	67	267787	50.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.32%			
41) Toluene-d8	7.54	98	716929	49.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.68%			
43) trans-1,3-Dichloropropene-	7.83	79	116821	45.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.38%			
47) 2-Hexanone-d5	8.29	63	304019	113.38	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.38%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	357473	48.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.52%			
64) 1,2-Dichlorobenzene-d4	11.84	152	257426	51.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.48%			
Target Compounds						Qvalue
13) Acetone	2.31	43	203526	42.418	ug/L	100
15) Methyl Acetate	2.61	43	6032	0.941	ug/L #	77
16) Methylene chloride	2.68	84	64831	14.880	ug/L	93
22) 2-Butanone	4.24	43	57954	10.153	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	29755	3.063	ug/L	99
42) Toluene	7.62	91	44236	2.395	ug/L	91
51) Chlorobenzene	9.10	112	16763	1.493	ug/L	97
52) Ethylbenzene	9.23	91	93781	4.509	ug/L	98
53) m,p-Xylene	9.35	106	64108	8.702	ug/L	97
54) o-xylene	9.76	106	53590	7.355	ug/L	100
56) Isopropylbenzene	10.14	105	54938	2.796	ug/L	97
63) 1,4-Dichlorobenzene	11.48	146	7440	0.880	ug/L	90
65) 1,2-Dichlorobenzene	11.85	146	26237	3.130	ug/L	98

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
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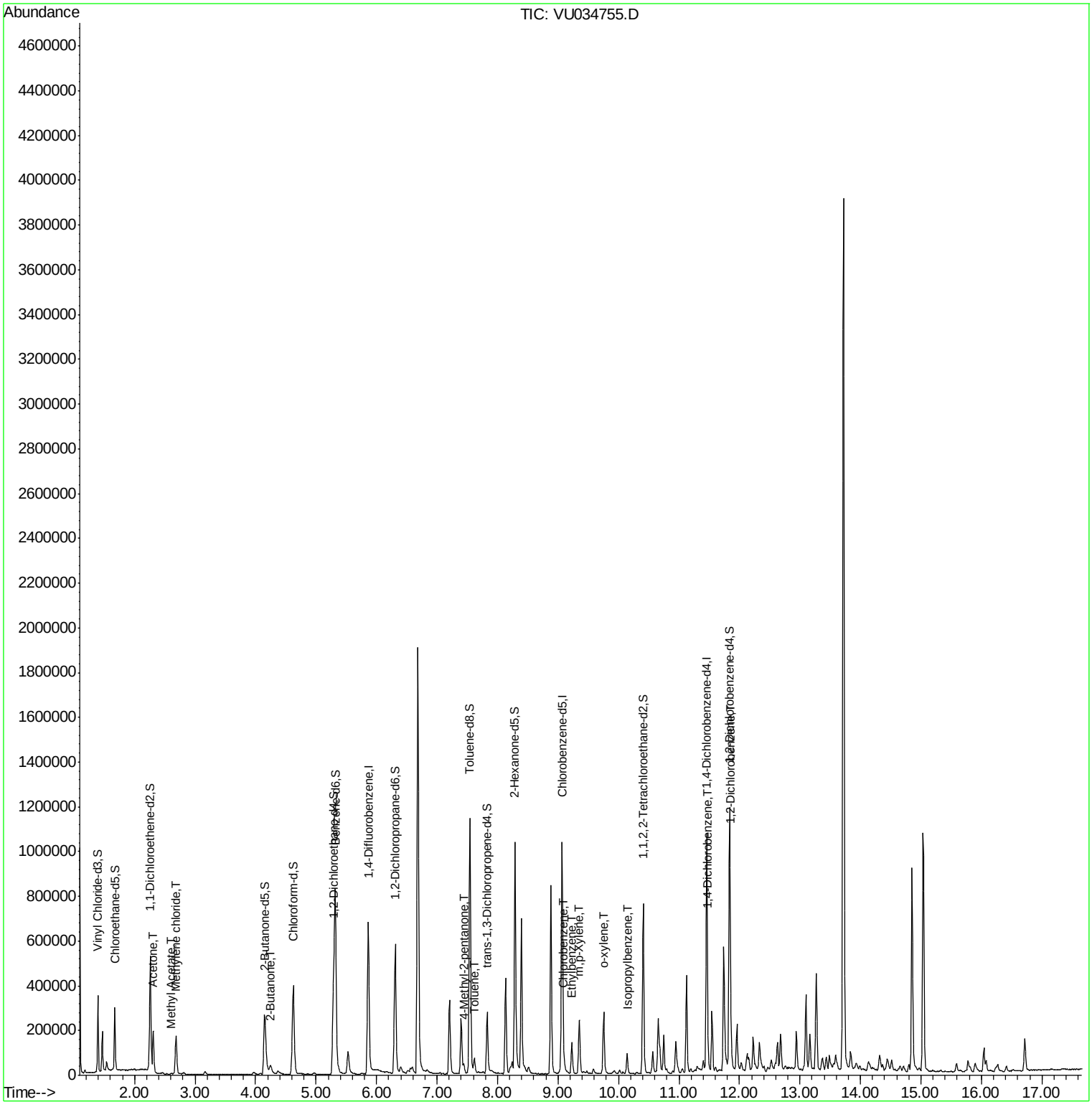
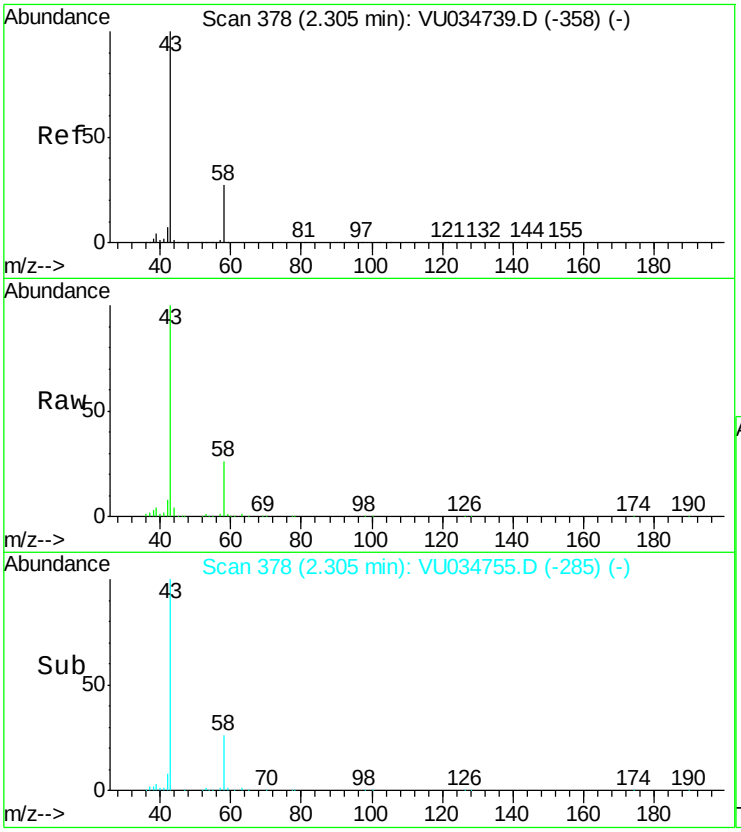


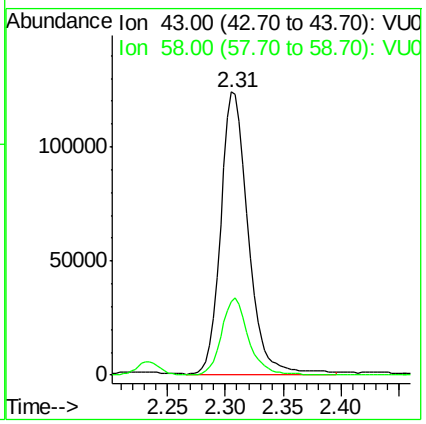


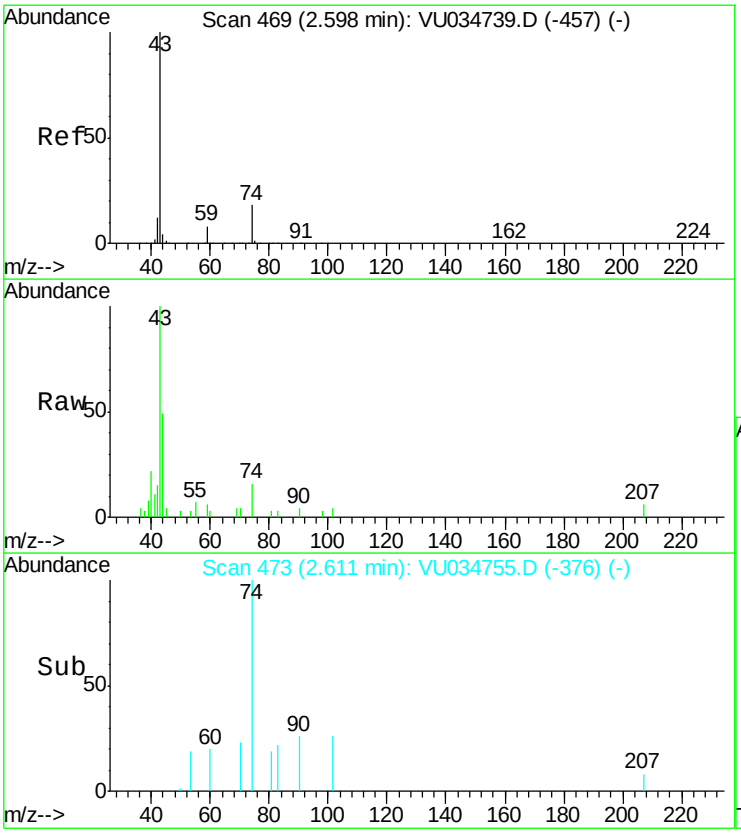
#13
Acetone
Concen: 42.418 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VU034755.D
Acq: 24 Sep 2019 00:03

Instrument :
MSVOA_U
ClientSampleId :
BFDK0

Tgt Ion: 43 Resp: 203526

Ion	Ratio	Lower	Upper
43	100		
58	26.9	0.0	53.4

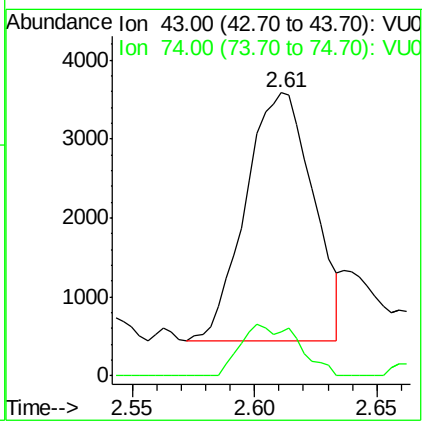


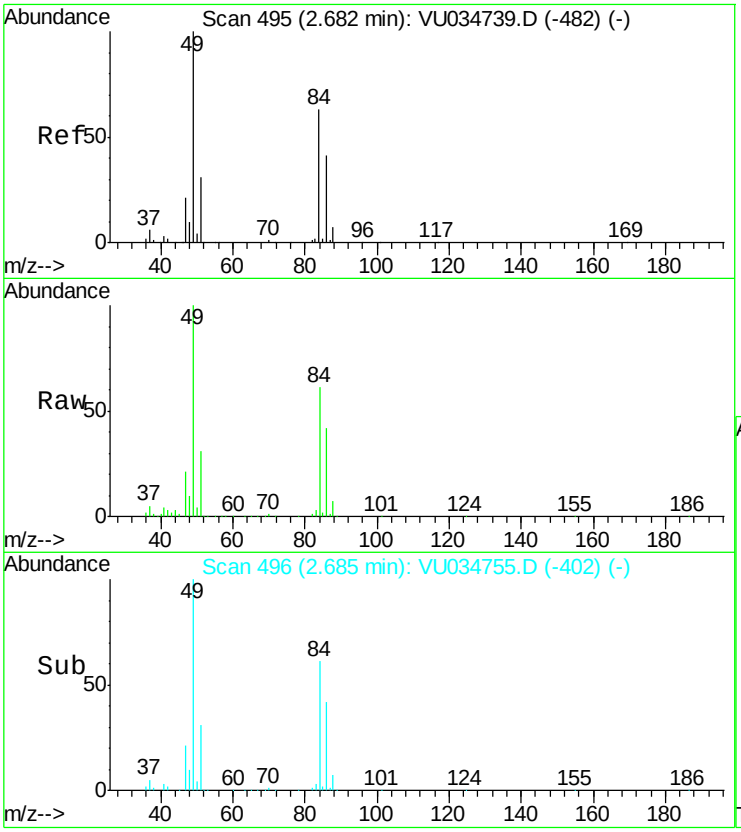


#15
Methyl Acetate
Concen: 0.941 ug/L
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU034755.D
Acq: 24 Sep 2019 00:03

Tgt Ion: 43 Resp: 6032

Ion	Ratio	Lower	Upper
43	100		
74	7.6	14.4	21.6#



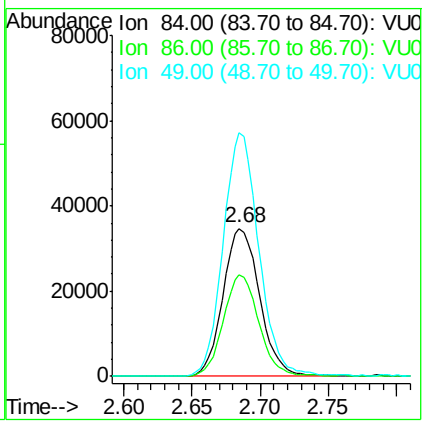


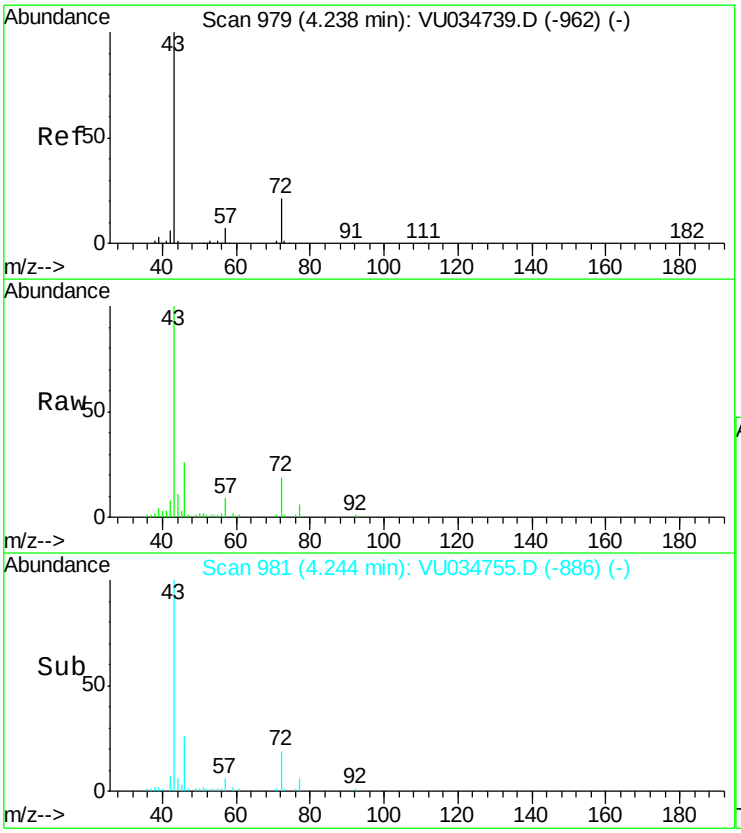
#16
Methylene chloride
Concen: 14.880 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034755.D
Acq: 24 Sep 2019 00:03

Instrument : MSVOA_U
ClientSampleId : BFDK0

Tgt Ion: 84 Resp: 64831

Ion	Ratio	Lower	Upper
84	100		
86	68.9	43.0	80.0
49	164.9	109.7	203.7

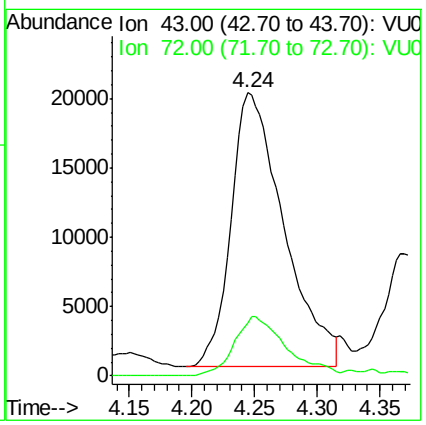


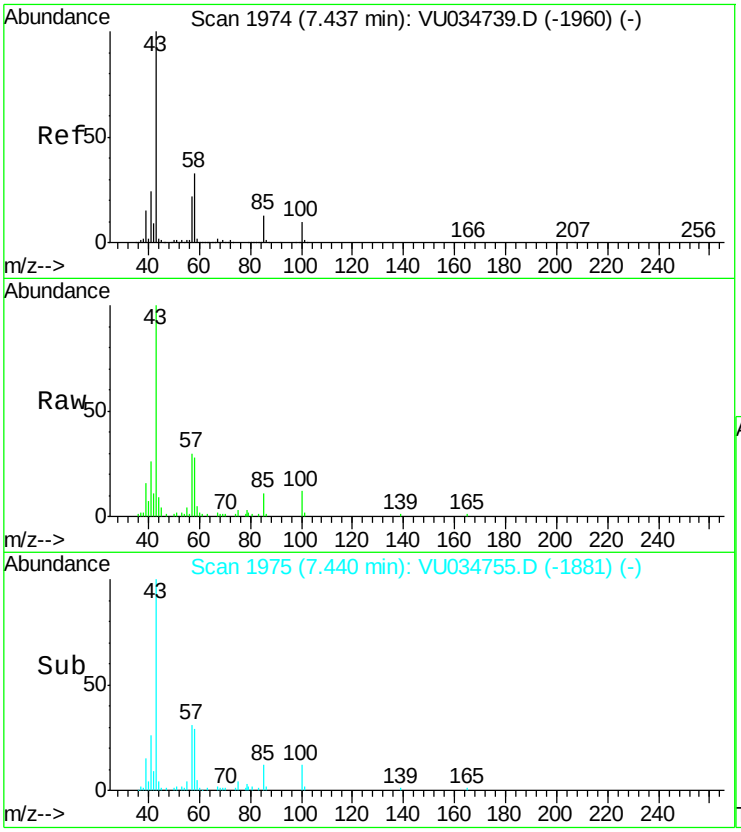


#22
2-Butanone
Concen: 10.153 ug/L
RT: 4.24 min Scan# 981
Delta R.T. 0.01 min
Lab File: VU034755.D
Acq: 24 Sep 2019 00:03

Tgt Ion: 43 Resp: 57954

Ion	Ratio	Lower	Upper
43	100		
72	20.2	10.2	30.6



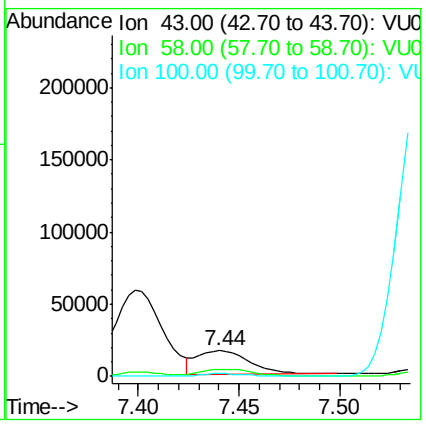


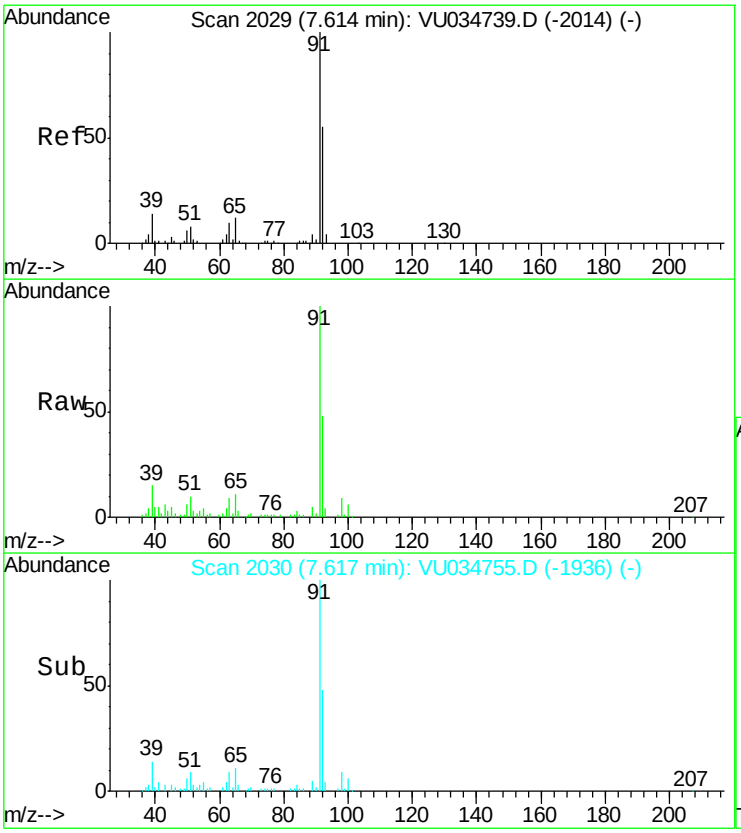
#40
4-Methyl-2-pentanone
Concen: 3.063 ug/L
RT: 7.44 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VU034755.D
Acq: 24 Sep 2019 00:03

Instrument : MSVOA_U
ClientSampleId : BFDK0

Tgt Ion: 43 Resp: 29755

Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.2	37.8
100	10.4	7.7	11.5

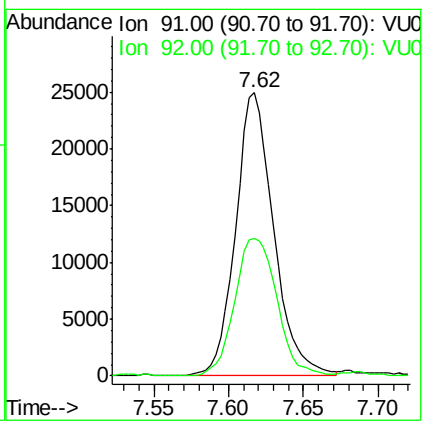


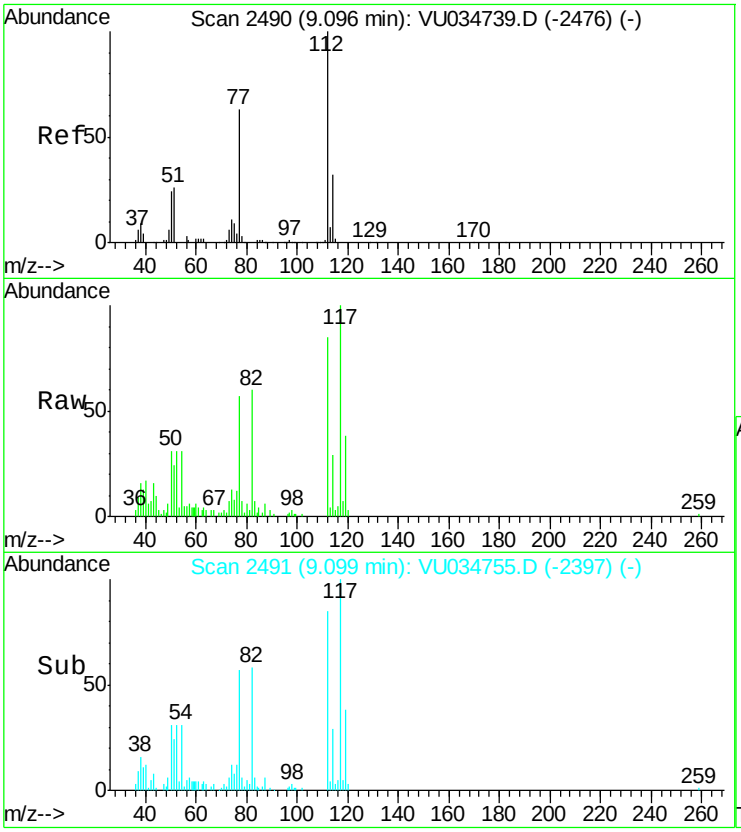


#42
Toluene
Concen: 2.395 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU034755.D
Acq: 24 Sep 2019 00:03

Tgt Ion: 91 Resp: 44236

Ion	Ratio	Lower	Upper
91	100		
92	48.4	38.2	71.0



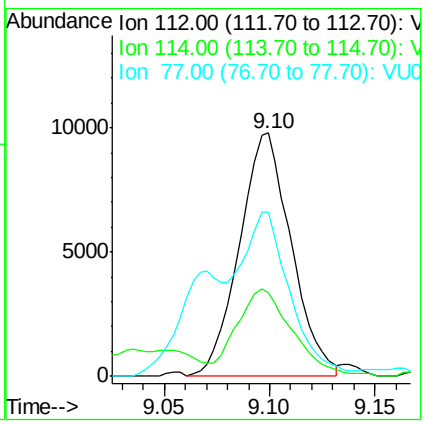


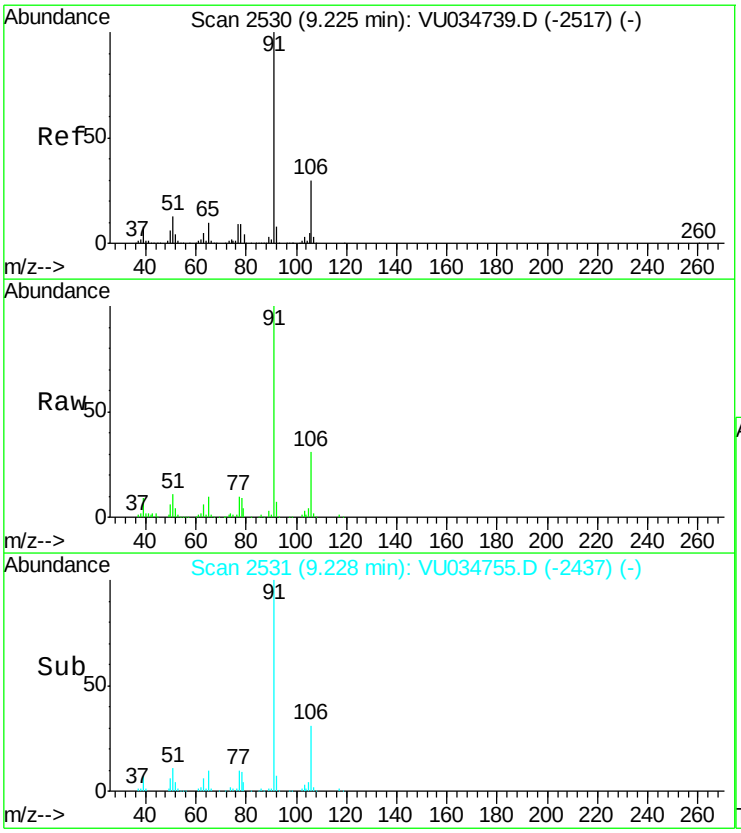
#51
Chlorobenzene
Concen: 1.493 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034755.D
Acq: 24 Sep 2019 00:03

Instrument : MSVOA_U
ClientSampleId : BFDK0

Tgt Ion:112 Resp: 16763

Ion	Ratio	Lower	Upper
112	100		
114	34.1	22.8	42.4
77	67.3	51.5	77.3

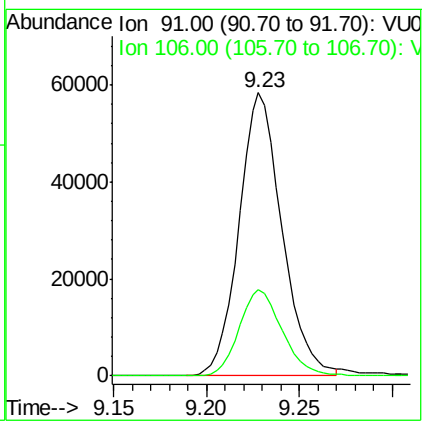


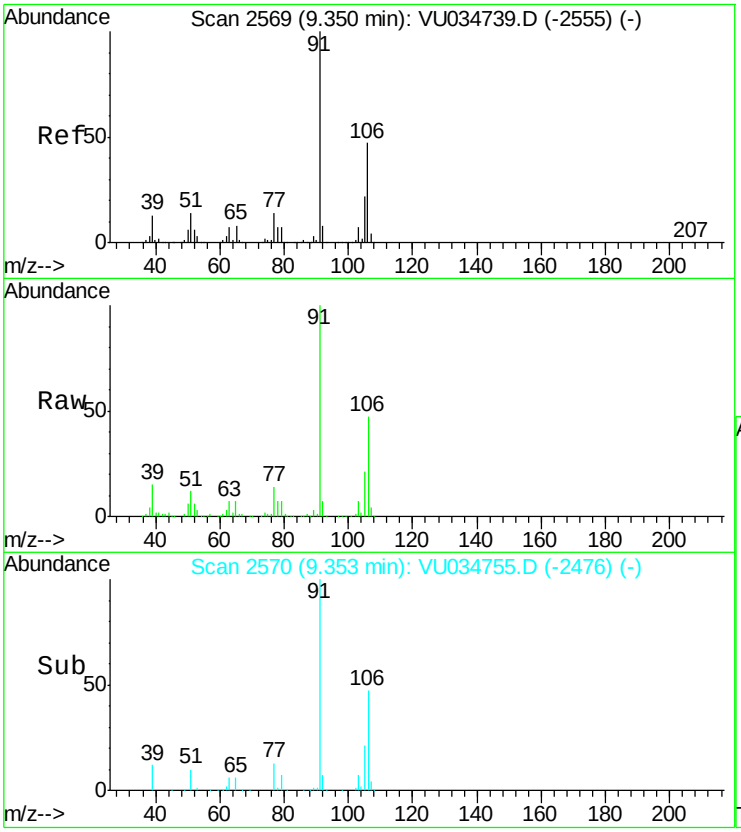


#52
Ethylbenzene
Concen: 4.509 ug/L
RT: 9.23 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU034755.D
Acq: 24 Sep 2019 00:03

Tgt Ion: 91 Resp: 93781

Ion	Ratio	Lower	Upper
91	100		
106	30.5	20.6	38.4



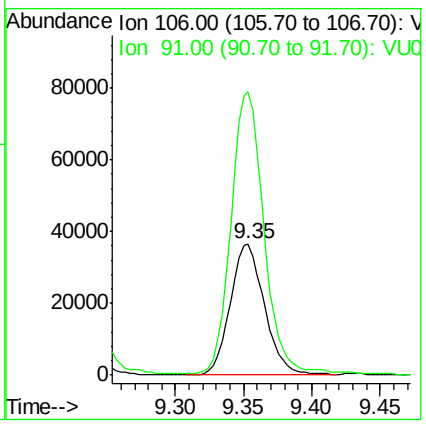


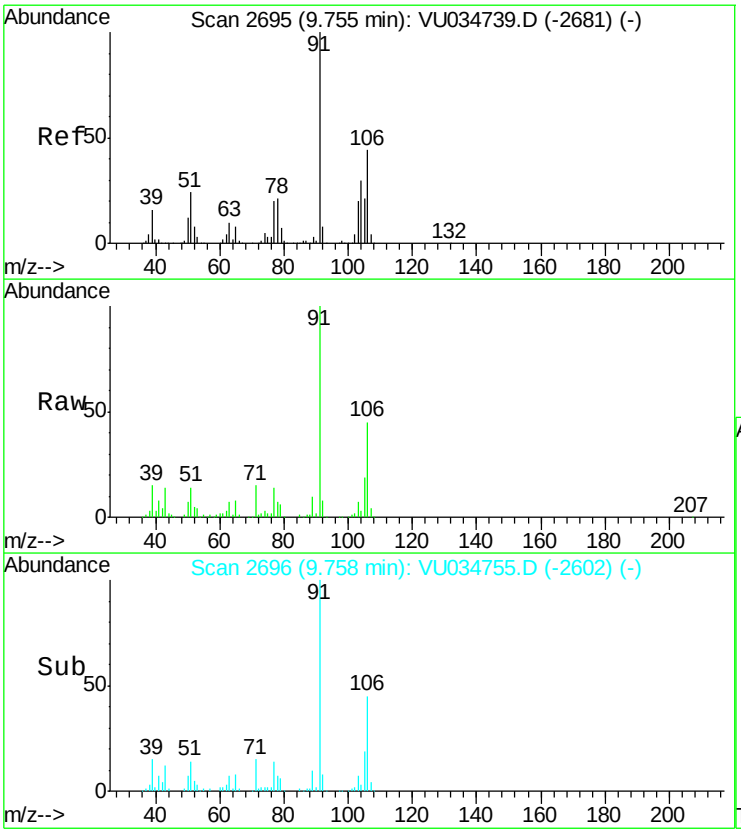
#53
m,p-Xylene
Concen: 8.702 ug/L
RT: 9.35 min Scan# 2570
Delta R.T. 0.00 min
Lab File: VU034755.D
Acq: 24 Sep 2019 00:03

Instrument : MSVOA_U
ClientSampleId : BFDK0

Tgt Ion:106 Resp: 64108

Ion	Ratio	Lower	Upper
106	100		
91	215.0	146.9	272.7

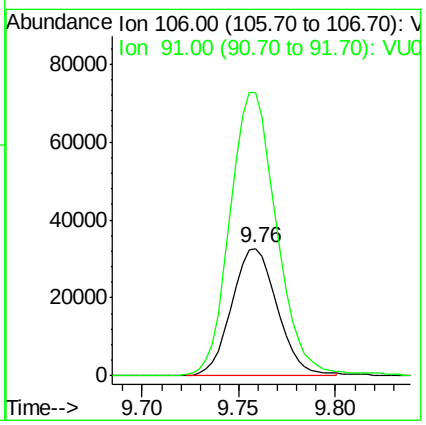


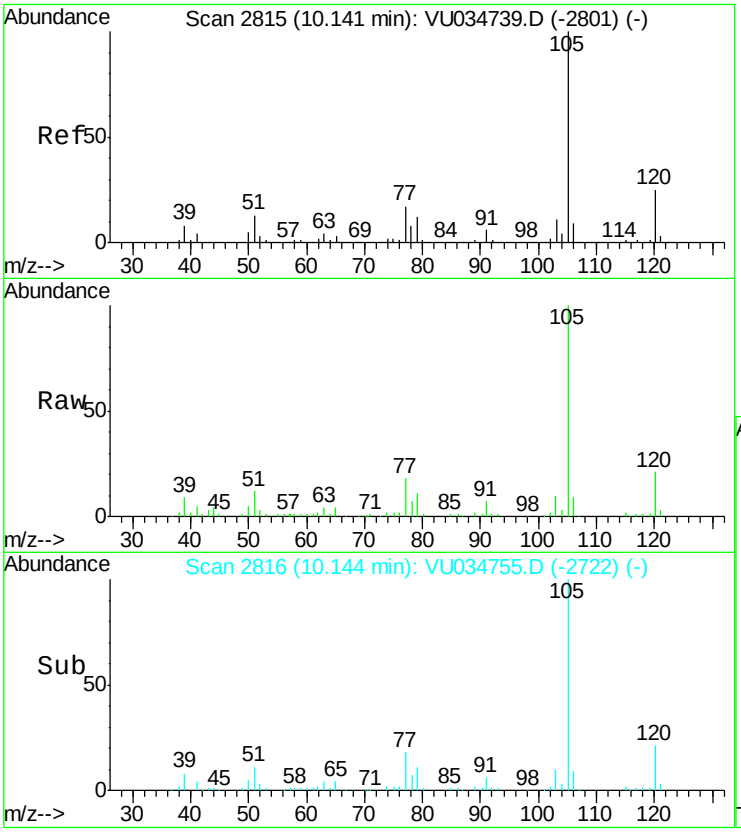


#54
o-xylene
Concen: 7.355 ug/L
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034755.D
Acq: 24 Sep 2019 00:03

Tgt Ion:106 Resp: 53590

Ion	Ratio	Lower	Upper
106	100		
91	221.9	155.6	289.0



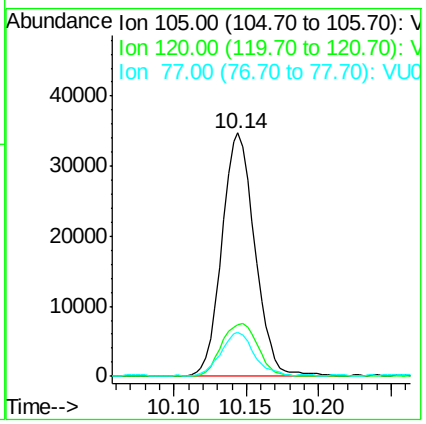


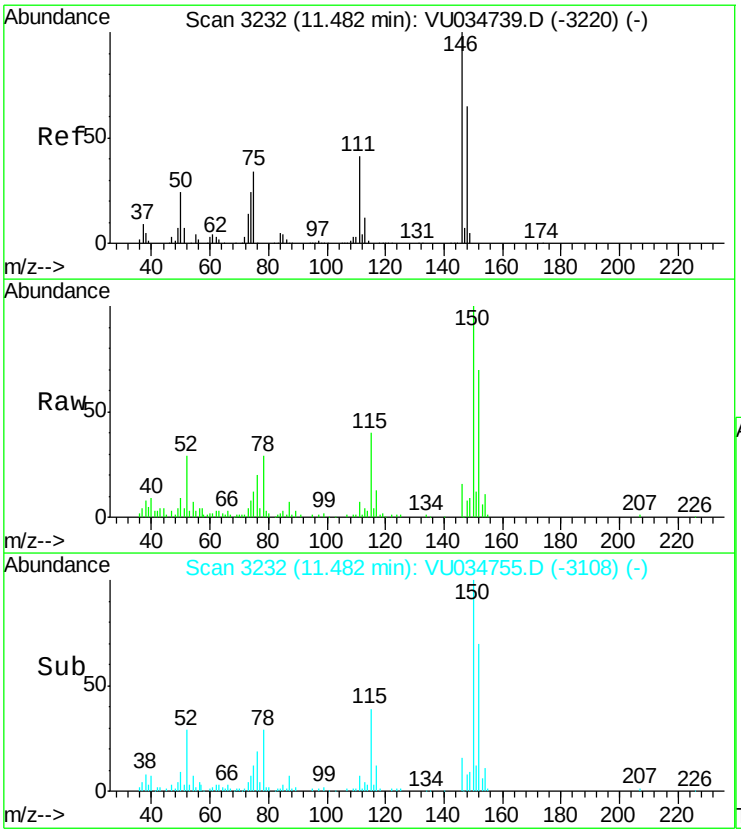
#56
Isopropylbenzene
Concen: 2.796 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. 0.00 min
Lab File: VU034755.D
Acq: 24 Sep 2019 00:03

Instrument : MSVOA_U
ClientSampleId : BFDK0

Tgt Ion:105 Resp: 54938

Ion	Ratio	Lower	Upper
105	100		
120	23.8	20.4	30.6
77	18.5	14.2	21.4

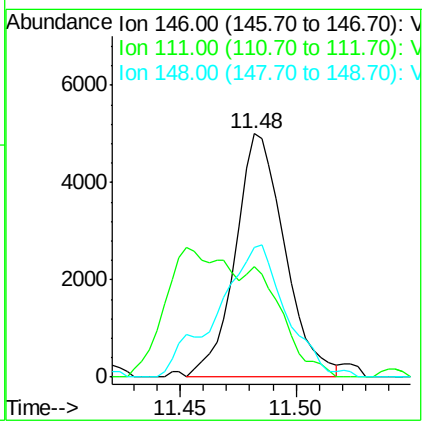


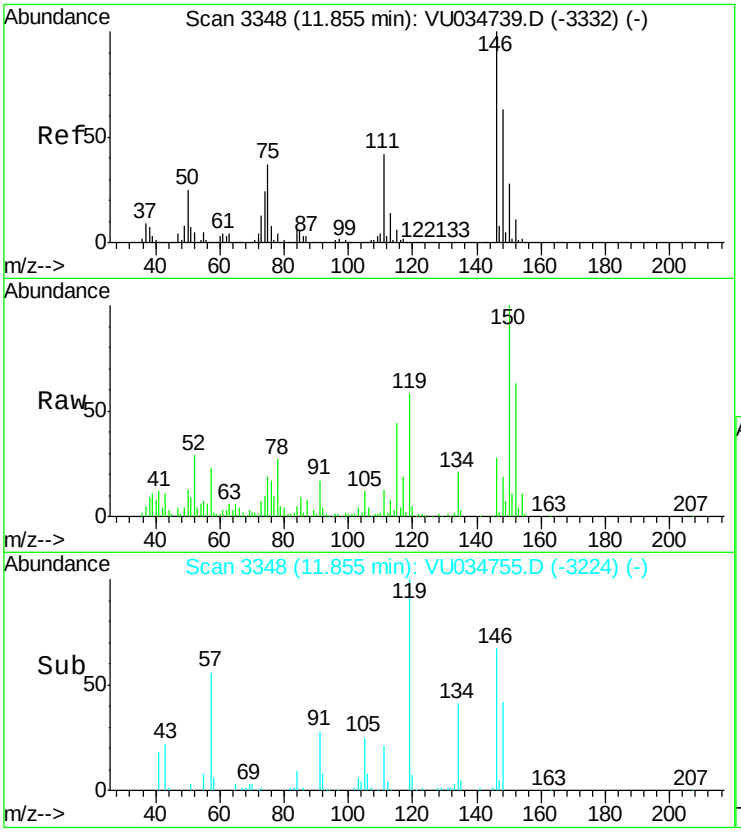


#63
1,4-Dichlorobenzene
Concen: 0.880 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. -0.00 min
Lab File: VU034755.D
Acq: 24 Sep 2019 00:03

Tgt Ion:146 Resp: 7440

Ion	Ratio	Lower	Upper
146	100		
111	45.4	29.5	54.9
148	53.4	44.4	82.4





#65
1,2-Dichlorobenzene
Concen: 3.130 ug/L
RT: 11.85 min Scan# 3348
Delta R.T. -0.00 min
Lab File: VU034755.D
Acq: 24 Sep 2019 00:03

Instrument :
MSVOA_U
ClientSampleId :
BFDK0

Tgt Ion:146 Resp: 26237

Ion	Ratio	Lower	Upper
146	100		
111	47.0	35.2	52.8
148	66.6	53.0	79.6