Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091919\
Data File : VU034660.D
Acq On : 19 Sep 2019 20:39
Operator : JC/SP
Sample : K4895-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDF9

Quant Time: Sep 20 04:48:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 20 04:02:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	481324	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	450581	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	202651	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	227346	46.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.28%			
7) Chloroethane-d5	1.67	69	179859	47.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.46%			
11) 1,1-Dichloroethene-d2	2.26	63	298289	35.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.50%			
21) 2-Butanone-d5	4.15	46	397749	105.32	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.32%			
24) Chloroform-d	4.62	84	348912	48.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.42%			
26) 1,2-Dichloroethane-d4	5.29	65	258348	49.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.12%			
32) Benzene-d6	5.32	84	693238	49.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.28%			
36) 1,2-Dichloropropane-d6	6.31	67	247061	50.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.22%			
41) Toluene-d8	7.54	98	659803	49.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.32%			
43) trans-1,3-Dichloropropene-	7.83	79	114954	49.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.34%			
47) 2-Hexanone-d5	8.29	63	255870	104.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.36%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	328703	48.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.06%			
64) 1,2-Dichlorobenzene-d4	11.84	152	221494	52.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.24%			
Target Compounds						Qvalue
13) Acetone	2.31	43	159895	36.398	ug/L	98
14) Carbon disulfide	2.46	76	10756	1.012	ug/L #	90
15) Methyl Acetate	2.60	43	13754	2.344	ug/L	97
16) Methylene chloride	2.68	84	4928	1.235	ug/L	92
22) 2-Butanone	4.25	43	48030	9.190	ug/L	98
29) Cyclohexane	4.97	56	7936	1.067	ug/L	93
33) Benzene	5.37	78	32586	2.085	ug/L	100
35) Methylcyclohexane	6.39	83	8241	1.258	ug/L	94
51) Chlorobenzene	9.10	112	195323	19.025	ug/L	99
52) Ethylbenzene	9.23	91	29665	1.560	ug/L	100
53) m,p-Xylene	9.36	106	24142	3.584	ug/L	93
54) o-xylene	9.76	106	10932	1.641	ug/L	90
56) Isopropylbenzene	10.14	105	34275	1.908	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	12597	1.762	ug/L	92
65) 1,2-Dichlorobenzene	11.85	146	23891	3.369	ug/L	98

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
Data File : VU034660.D
Acq On : 19 Sep 2019 20:39
Operator : JC/SP
Sample : K4895-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDF9

Quant Time: Sep 20 04:48:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 20 04:02:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091919\
Data File : VU034660.D
Acq On : 19 Sep 2019 20:39
Operator : JC/SP
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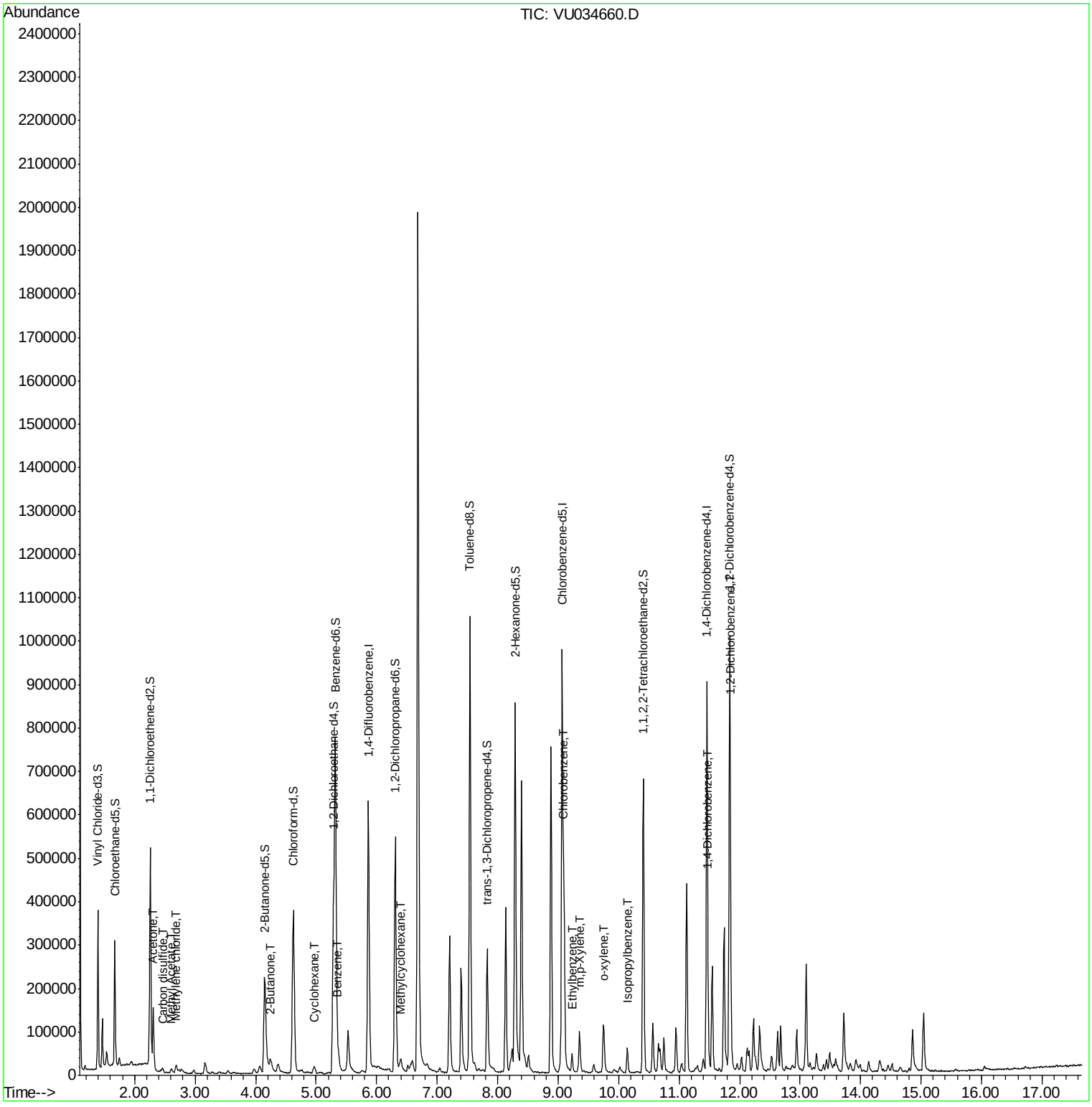
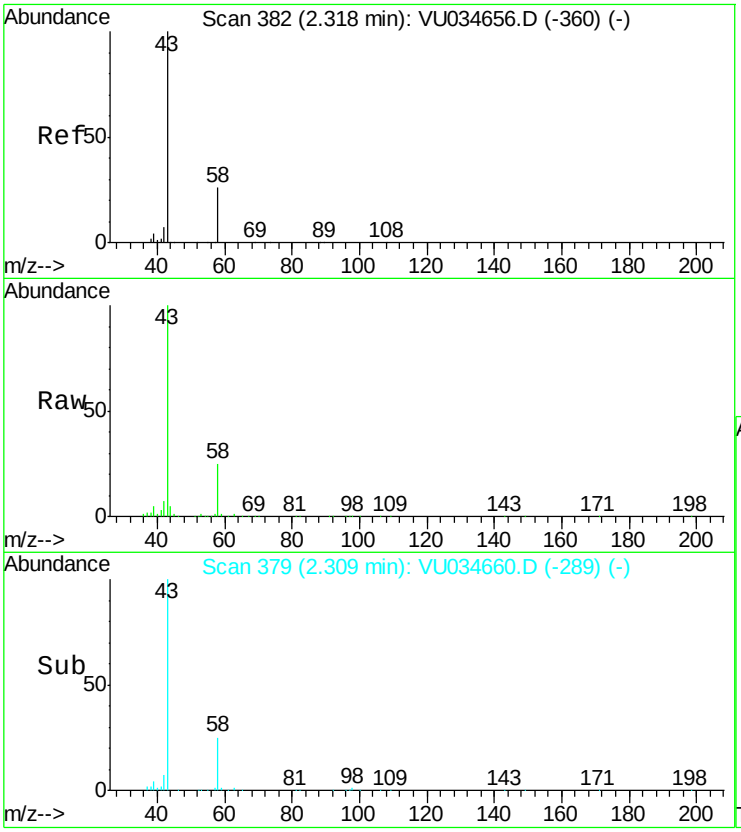
MSVOA_U
ClientSampleId :
BFDF9

Quant Time: Sep 20 04:48:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 20 04:02:05 2019
Response via : Initial Calibration



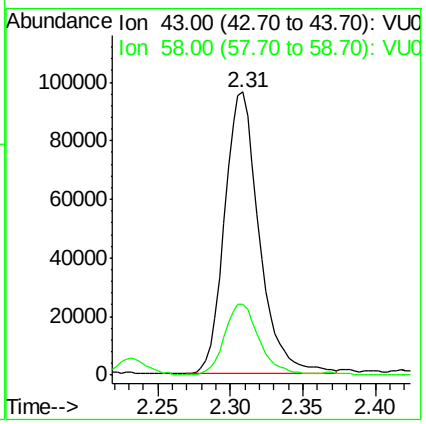


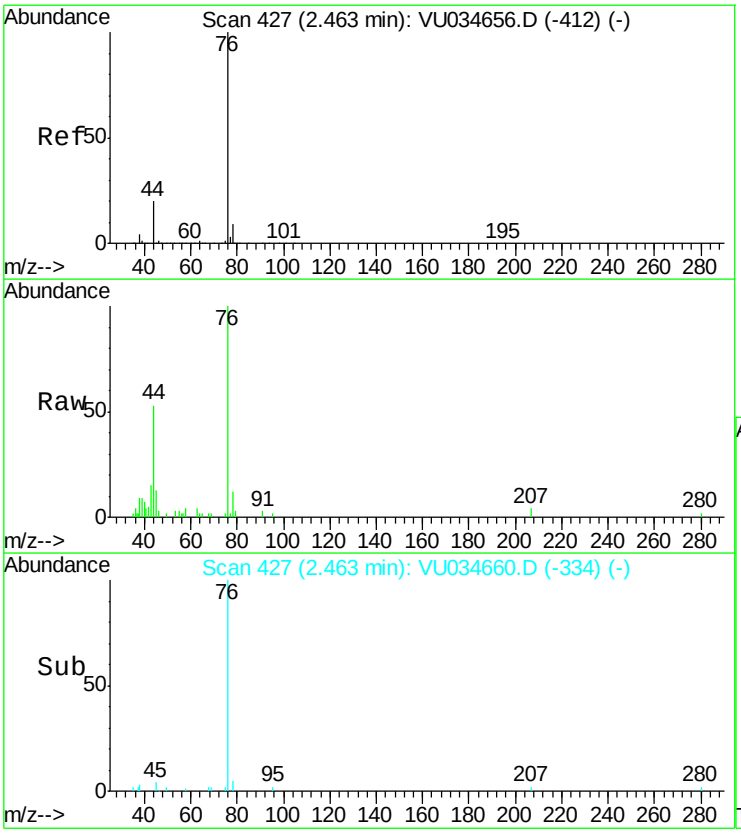
#13
Acetone
Concen: 36.398 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.01 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Instrument :
MSVOA_U
ClientSampleId :
BFDF9

Tgt Ion: 43 Resp: 159895

Ion	Ratio	Lower	Upper
43	100		
58	25.5	0.0	53.4

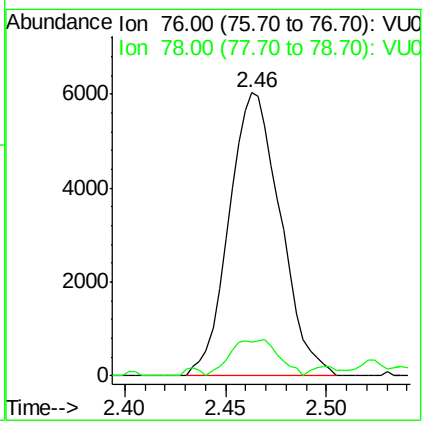


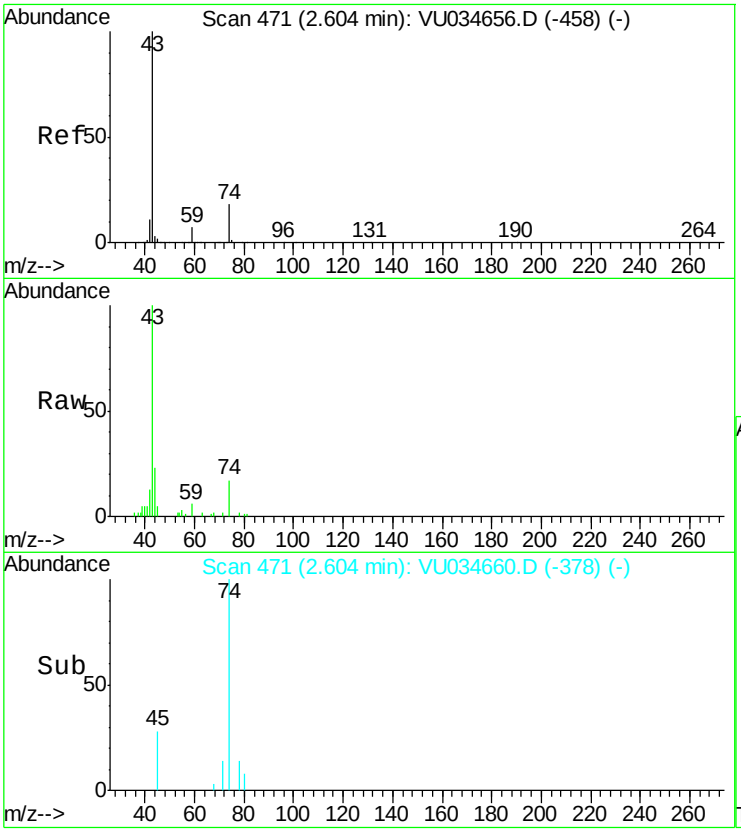


#14
Carbon disulfide
Concen: 1.012 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.00 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Tgt Ion: 76 Resp: 10756

Ion	Ratio	Lower	Upper
76	100		
78	12.1	6.9	10.3#



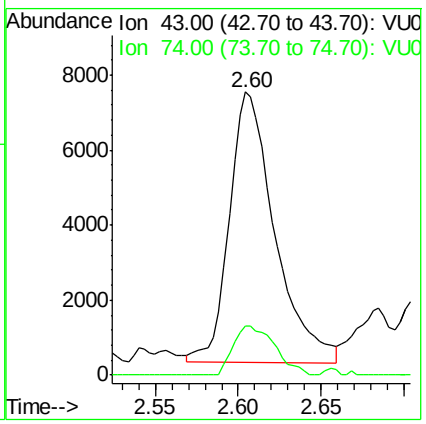


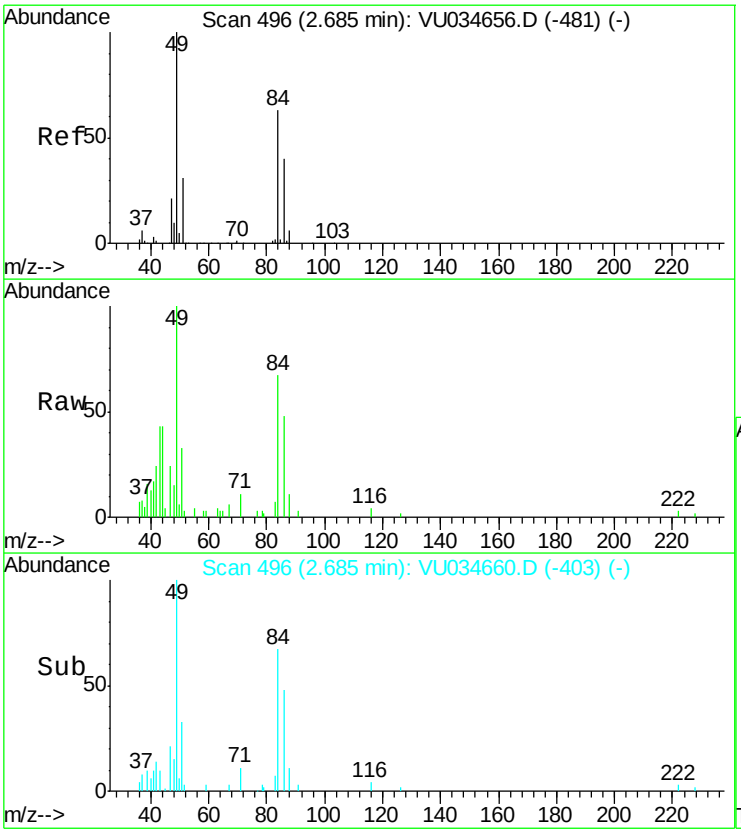
#15
Methyl Acetate
Concen: 2.344 ug/L
RT: 2.60 min Scan# 471
Delta R.T. -0.00 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Instrument :
MSVOA_U
ClientSampleId :
BFDF9

Tgt Ion: 43 Resp: 13754

Ion	Ratio	Lower	Upper
43	100		
74	16.6	14.4	21.6

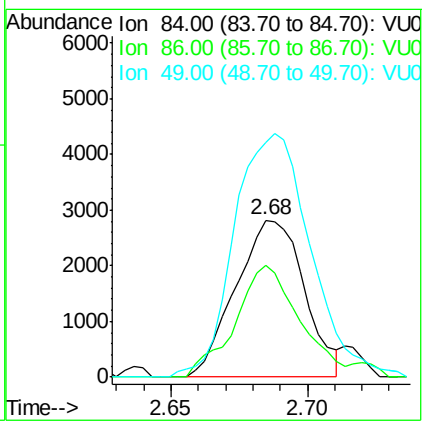


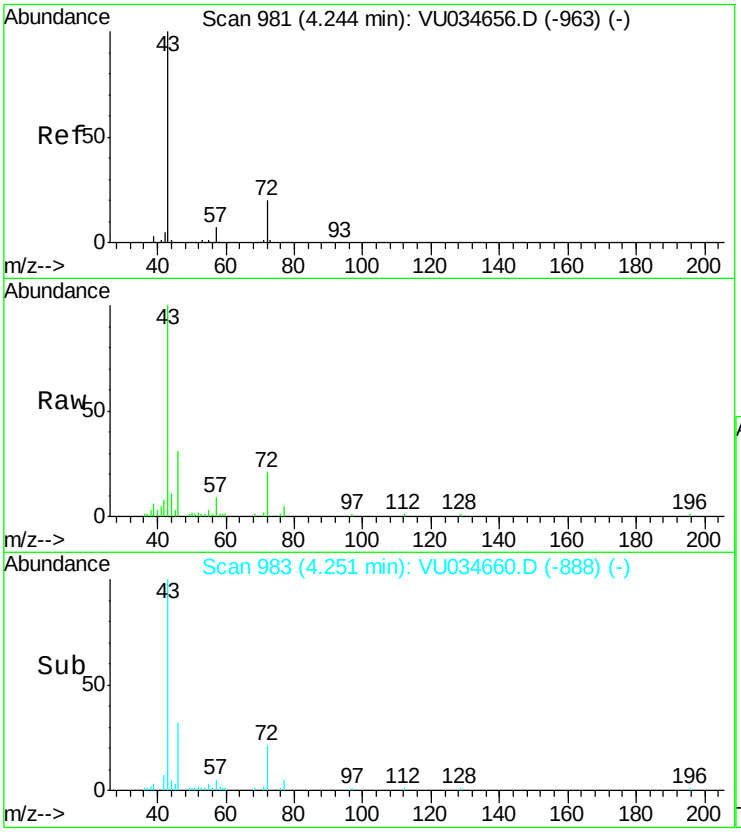


#16
Methylene chloride
Concen: 1.235 ug/L
RT: 2.68 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Tgt Ion: 84 Resp: 4928

Ion	Ratio	Lower	Upper
84	100		
86	71.3	43.0	80.0
49	149.5	109.7	203.7



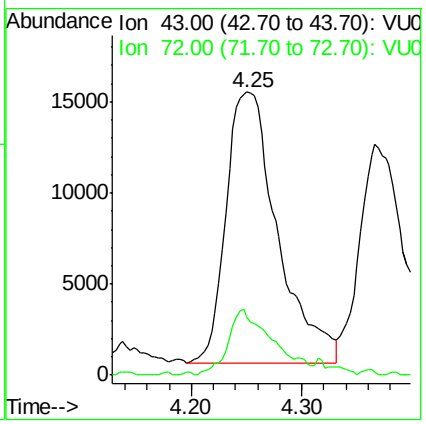


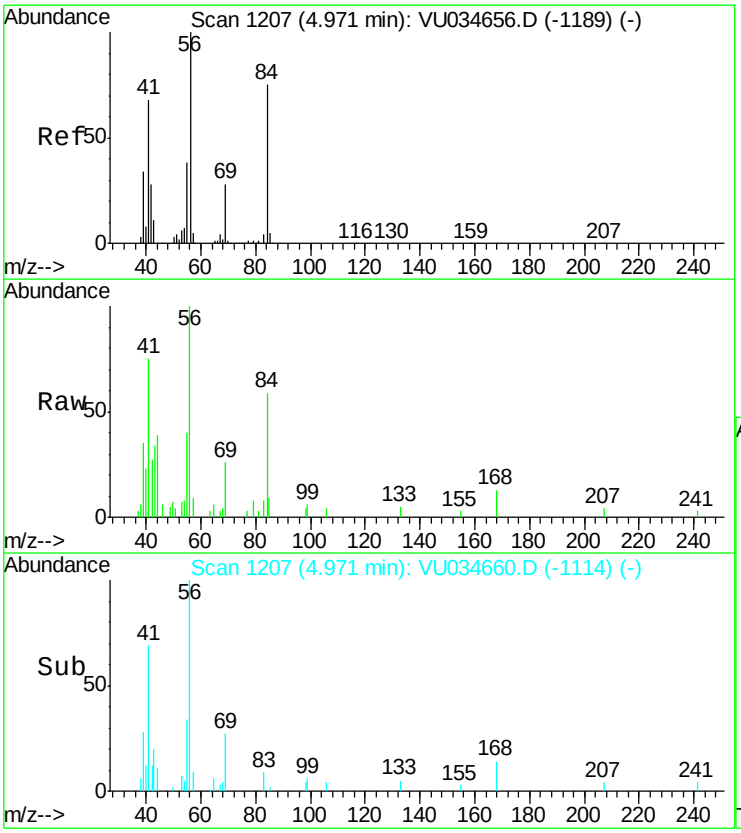
#22
2-Butanone
Concen: 9.190 ug/L
RT: 4.25 min Scan# 983
Delta R.T. 0.01 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Instrument :
MSVOA_U
ClientSampleId :
BFDF9

Tgt Ion: 43 Resp: 48030

Ion	Ratio	Lower	Upper
43	100		
72	19.5	10.2	30.6

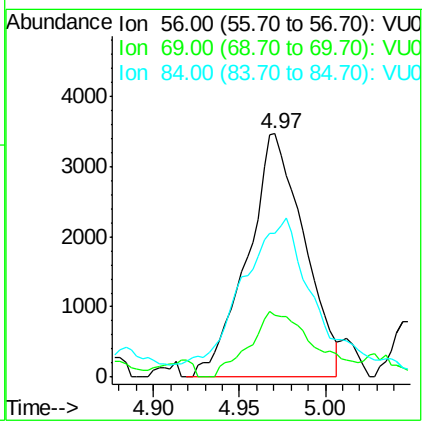


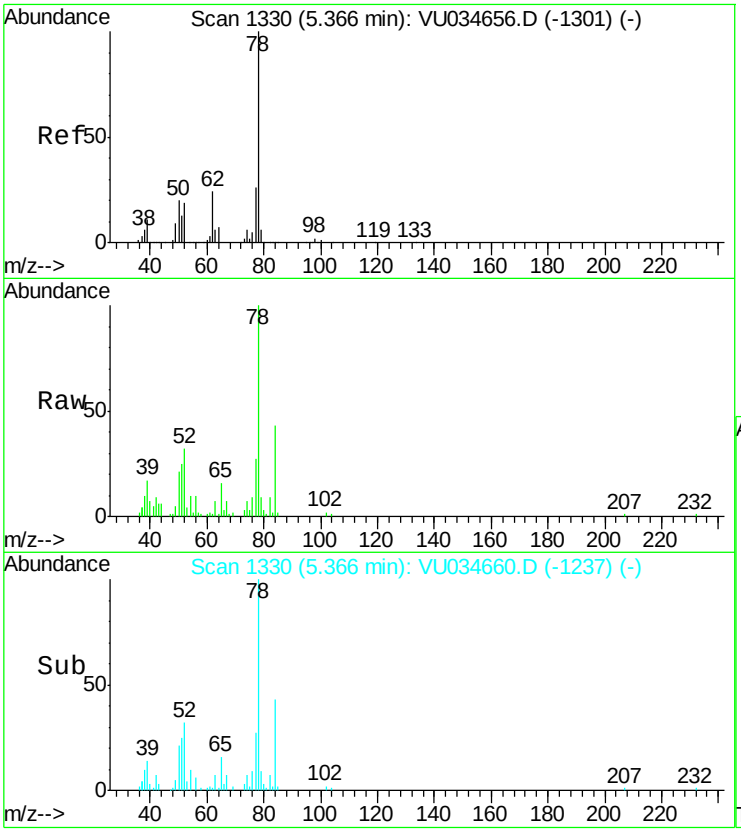


#29
Cyclohexane
Concen: 1.067 ug/L
RT: 4.97 min Scan# 1207
Delta R.T. -0.00 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Tgt Ion: 56 Resp: 7936

Ion	Ratio	Lower	Upper
56	100		
69	26.7	21.7	32.5
84	66.2	58.8	88.2

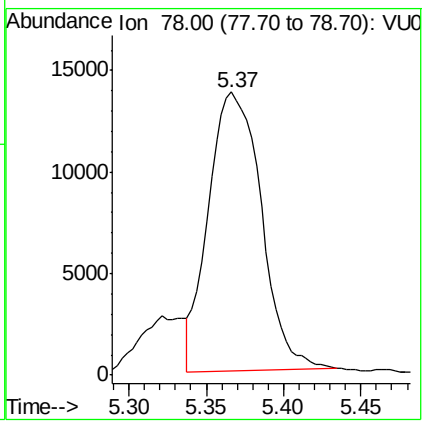


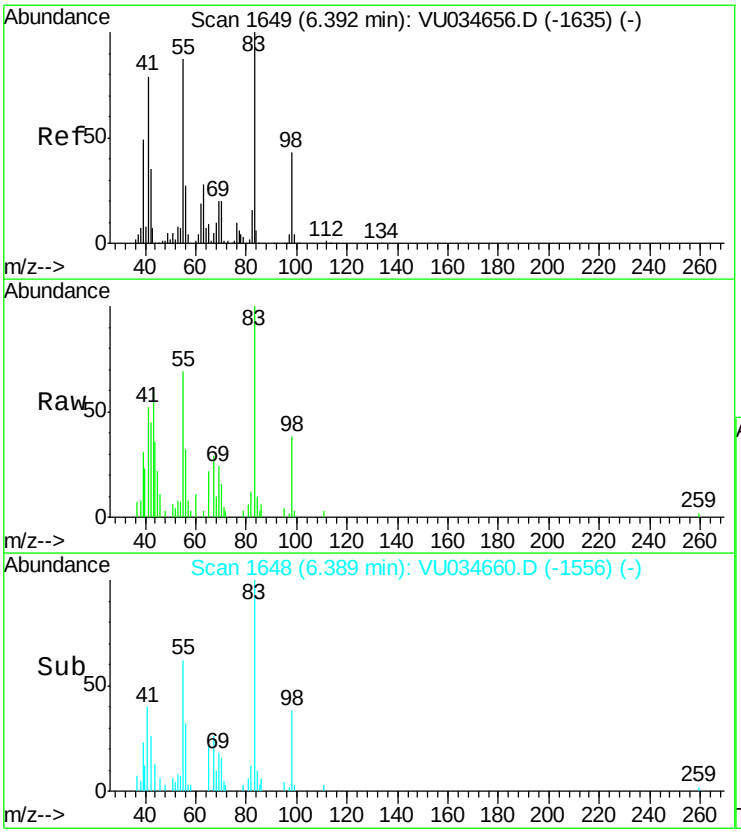


#33
Benzene
Concen: 2.085 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Instrument :
MSVOA_U
ClientSampleId :
BFDF9

Tgt Ion: 78 Resp: 32586

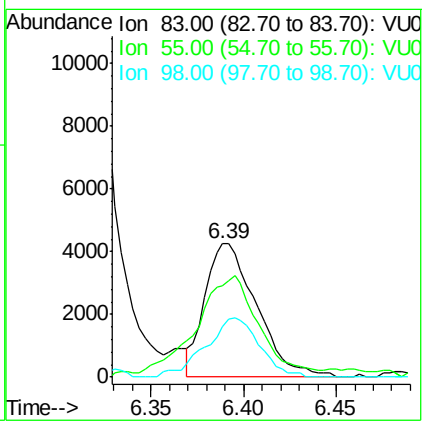


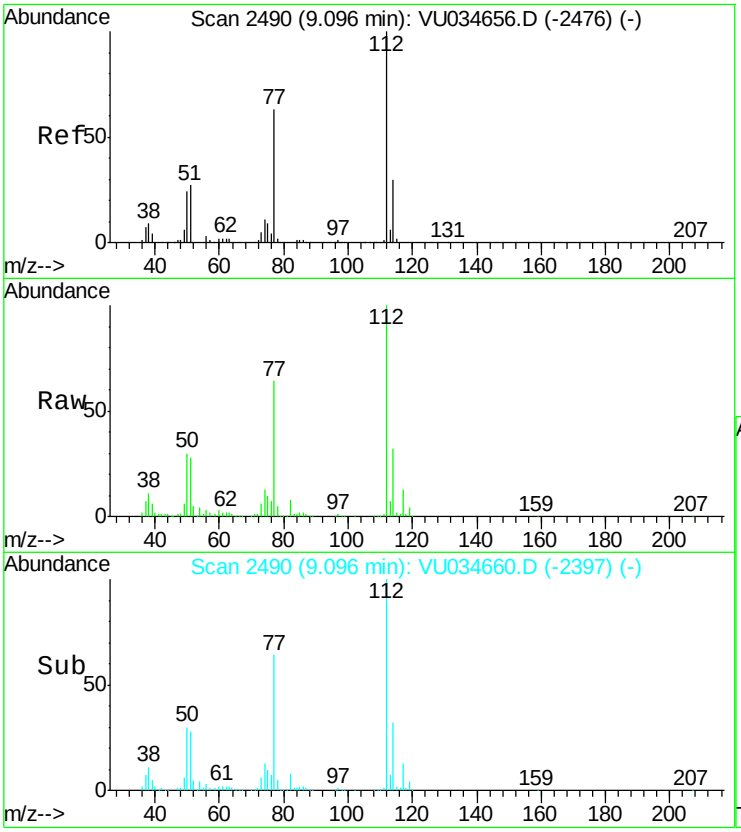


#35
Methylcyclohexane
Concen: 1.258 ug/L
RT: 6.39 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Tgt Ion: 83 Resp: 8241

Ion	Ratio	Lower	Upper
83	100		
55	84.4	71.6	107.4
98	40.1	35.7	53.5



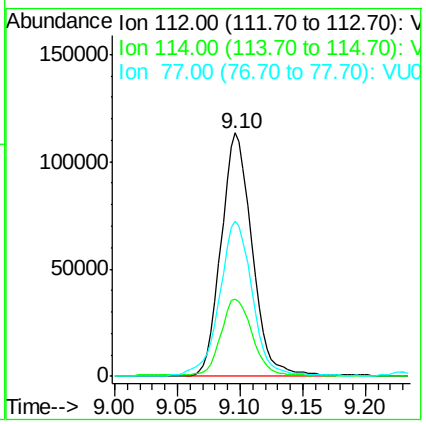


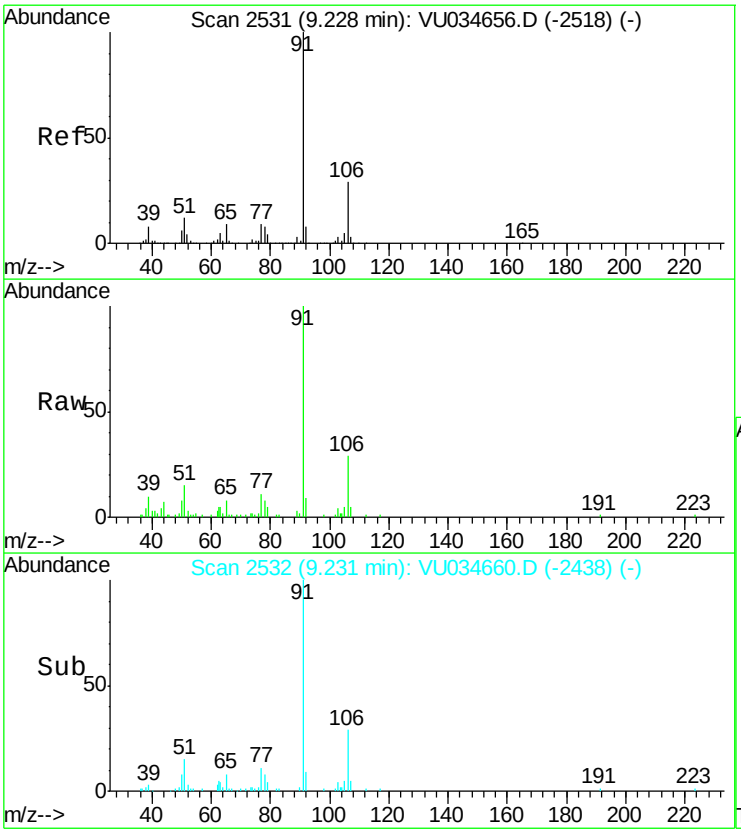
#51
Chlorobenzene
Concen: 19.025 ug/L
RT: 9.10 min Scan# 2490
Delta R.T. -0.00 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Instrument :
MSVOA_U
ClientSampleId :
BFDF9

Tgt Ion:112 Resp: 195323

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.8	42.4
77	63.9	51.5	77.3

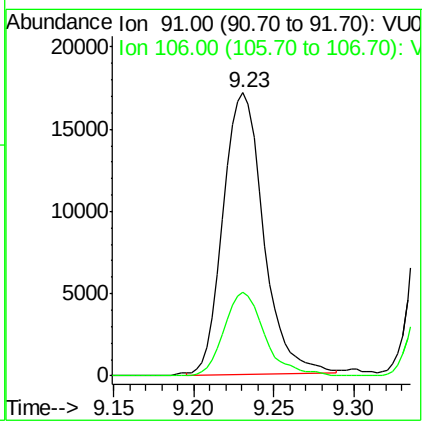


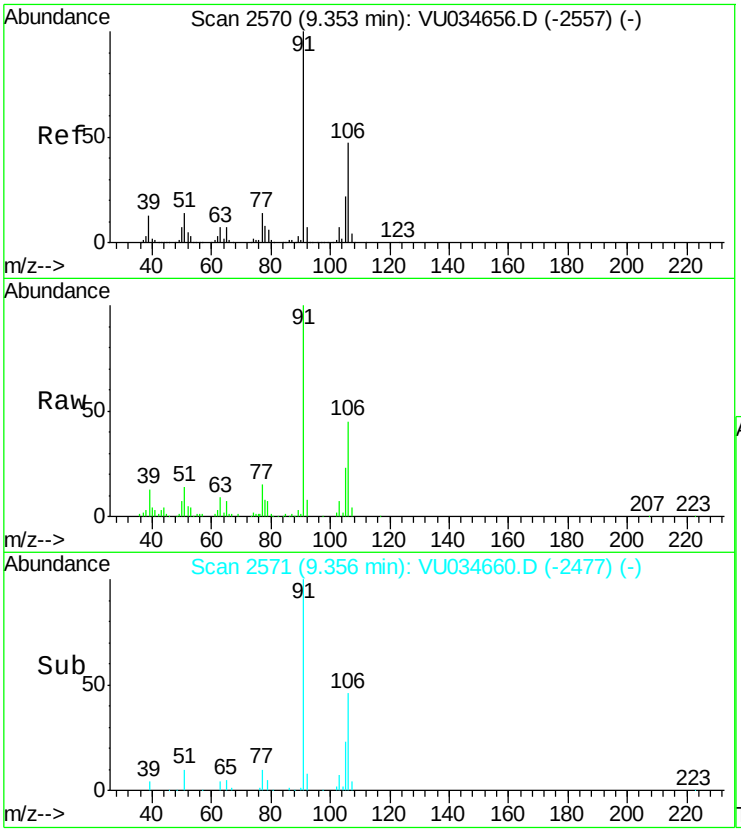


#52
Ethylbenzene
Concen: 1.560 ug/L
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Tgt Ion: 91 Resp: 29665

Ion	Ratio	Lower	Upper
91	100		
106	29.5	20.6	38.4



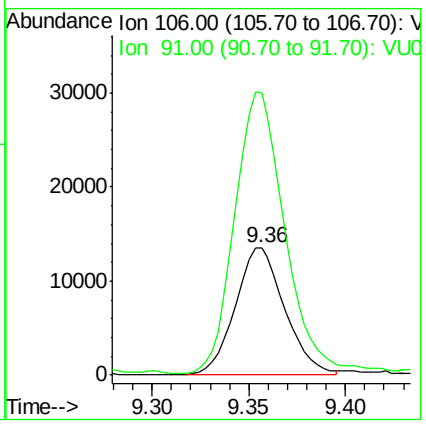


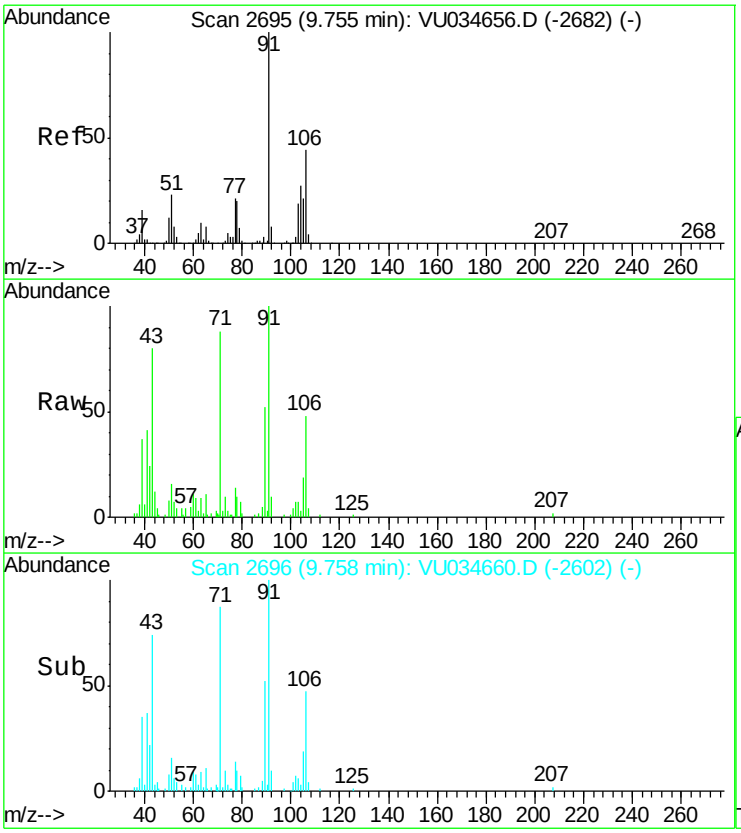
#53
m,p-Xylene
Concen: 3.584 ug/L
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Instrument :
MSVOA_U
ClientSampleId :
BFDF9

Tgt Ion:106 Resp: 24142

Ion	Ratio	Lower	Upper
106	100		
91	220.9	146.9	272.7

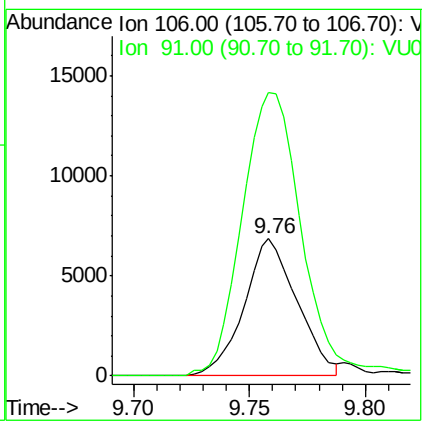


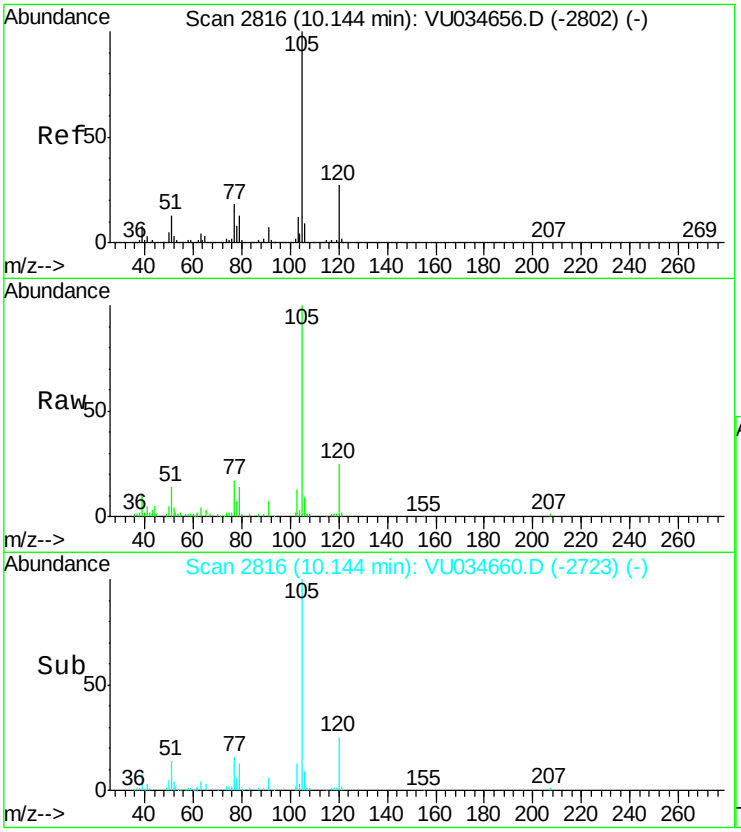


#54
o-xylene
Concen: 1.641 ug/L
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Tgt Ion:106 Resp: 10932

Ion	Ratio	Lower	Upper
106	100		
91	206.9	155.6	289.0



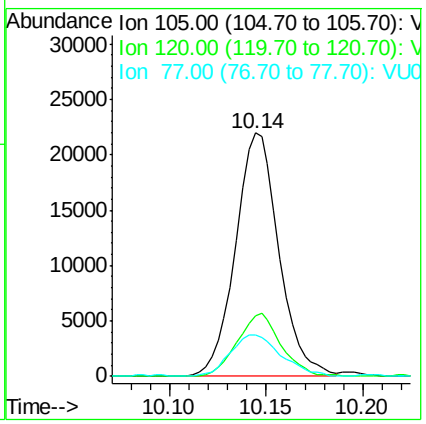


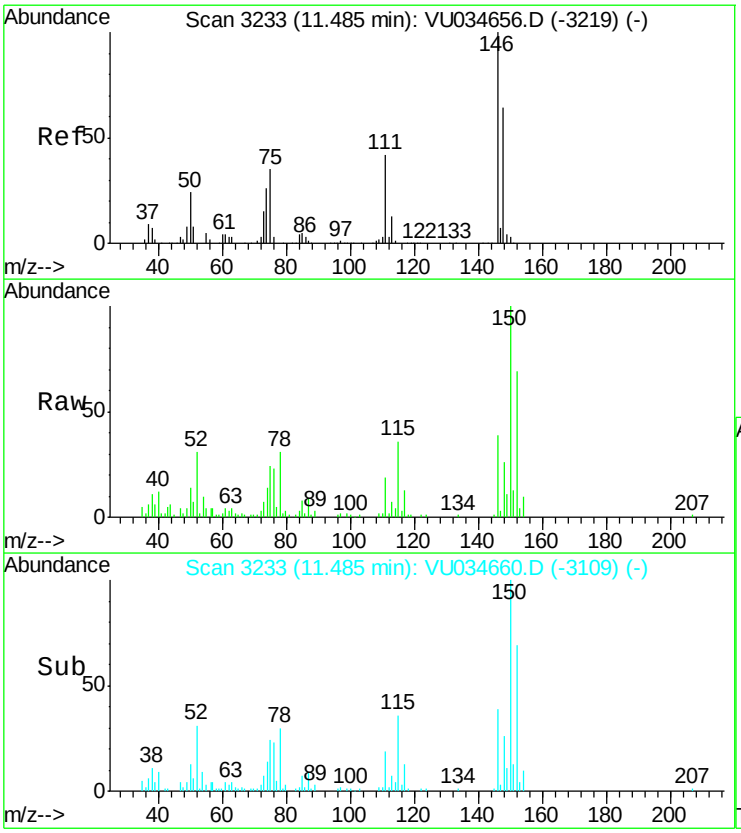
#56
Isopropylbenzene
Concen: 1.908 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. -0.00 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Instrument : MSVOA_U
ClientSampleId : BFDF9

Tgt Ion:105 Resp: 34275

Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.4	30.6
77	19.9	14.2	21.4

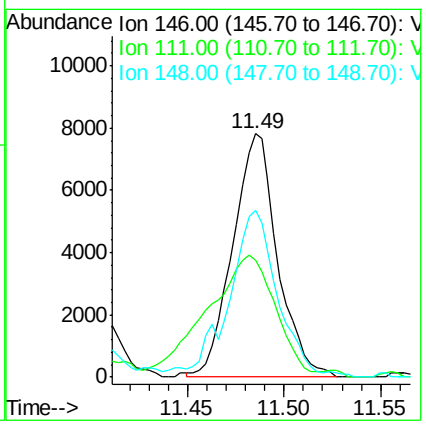


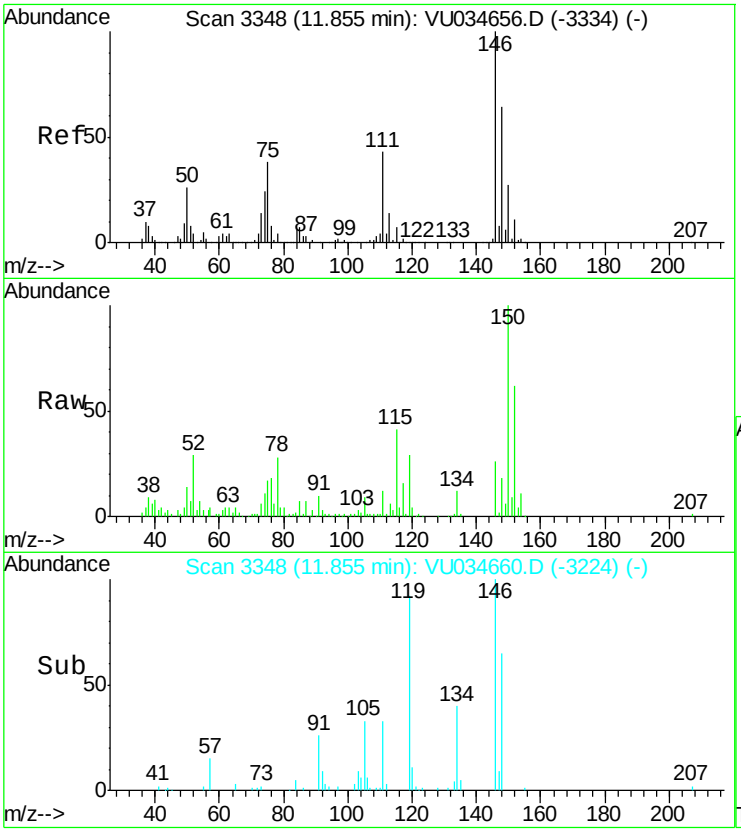


#63
1,4-Dichlorobenzene
Concen: 1.762 ug/L
RT: 11.49 min Scan# 3233
Delta R.T. -0.00 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Tgt Ion:146 Resp: 12597

Ion	Ratio	Lower	Upper
146	100		
111	48.1	29.5	54.9
148	68.6	44.4	82.4





#65
1,2-Dichlorobenzene
Concen: 3.369 ug/L
RT: 11.85 min Scan# 3348
Delta R.T. -0.00 min
Lab File: VU034660.D
Acq: 19 Sep 2019 20:39

Instrument :
MSVOA_U
ClientSampleId :
BFDF9

Tgt Ion:146 Resp: 23891

Ion	Ratio	Lower	Upper
146	100		
111	46.2	35.2	52.8
148	67.7	53.0	79.6