Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034749.D
Acq On : 23 Sep 2019 21:42
Operator : JC/SP
Sample : K4932-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG7

Quant Time: Sep 24 05:01:52 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	466872	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	443627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	215656	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	210573	44.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.12%			
7) Chloroethane-d5	1.67	69	173348	46.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.86%			
11) 1,1-Dichloroethene-d2	2.26	63	297426	36.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.50%			
21) 2-Butanone-d5	4.15	46	475434	129.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 129.79%			
24) Chloroform-d	4.62	84	362889	52.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.46%			
26) 1,2-Dichloroethane-d4	5.29	65	270231	52.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.80%			
32) Benzene-d6	5.32	84	743317	54.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.12%			
36) 1,2-Dichloropropane-d6	6.31	67	262866	54.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.38%			
41) Toluene-d8	7.54	98	713487	54.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.08%			
43) trans-1,3-Dichloropropene-	7.83	79	120850	52.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.00%			
47) 2-Hexanone-d5	8.29	63	307309	127.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 127.31%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	349819	52.46	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.92%			
64) 1,2-Dichlorobenzene-d4	11.84	152	251865	55.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	9477	1.800	ug/L #	69
13) Acetone	2.31	43	163109	38.278	ug/L	98
15) Methyl Acetate	2.61	43	7015	1.232	ug/L	97
16) Methylene chloride	2.68	84	42773	11.055	ug/L	98
19) 1,1-Dichloroethane	3.43	63	14493	1.892	ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	37487	9.600	ug/L	95
22) 2-Butanone	4.25	43	62980	12.424	ug/L	84
29) Cyclohexane	4.97	56	9718	1.327	ug/L #	53
33) Benzene	5.37	78	194491	12.641	ug/L	100
34) Trichloroethene	6.16	95	32665	8.596	ug/L	92
35) Methylcyclohexane	6.39	83	9391	1.456	ug/L	91
40) 4-Methyl-2-pentanone	7.44	43	358758	41.017	ug/L	98
42) Toluene	7.61	91	1422900	85.572	ug/L	98
52) Ethylbenzene	9.23	91	371280	19.828	ug/L	99
53) m,p-Xylene	9.35	106	515905	77.788	ug/L	99
54) o-xylene	9.76	106	336965	51.368	ug/L	98
56) Isopropylbenzene	10.14	105	35940	2.032	ug/L	96

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034749.D
Acq On : 23 Sep 2019 21:42
Operator : JC/SP
Sample : K4932-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG7

Quant Time: Sep 24 05:01:52 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)
65) 1,2-Dichlorobenzene	11.86	146	47078	6.239	ug/L	97

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034749.D
Acq On : 23 Sep 2019 21:42
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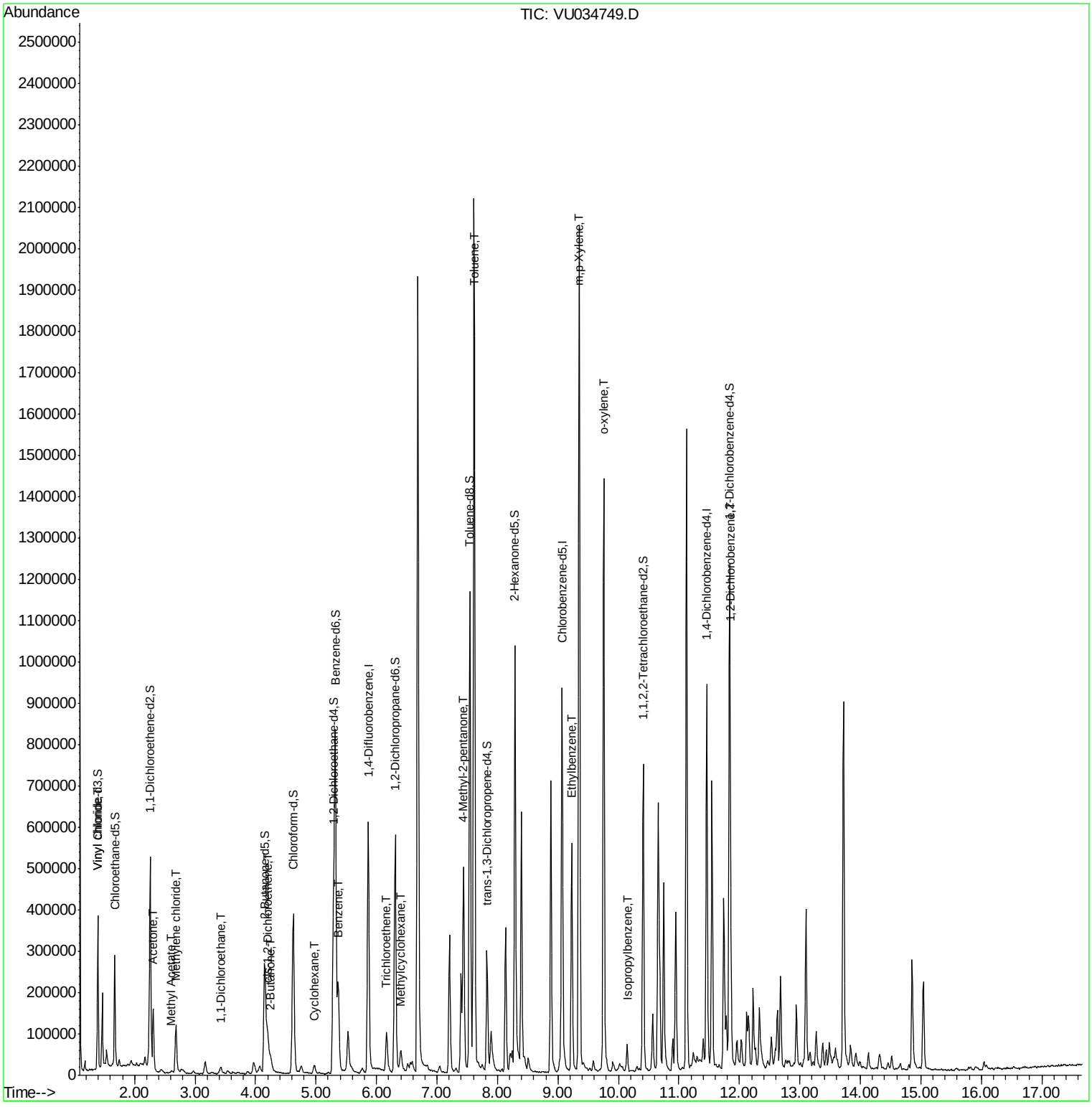
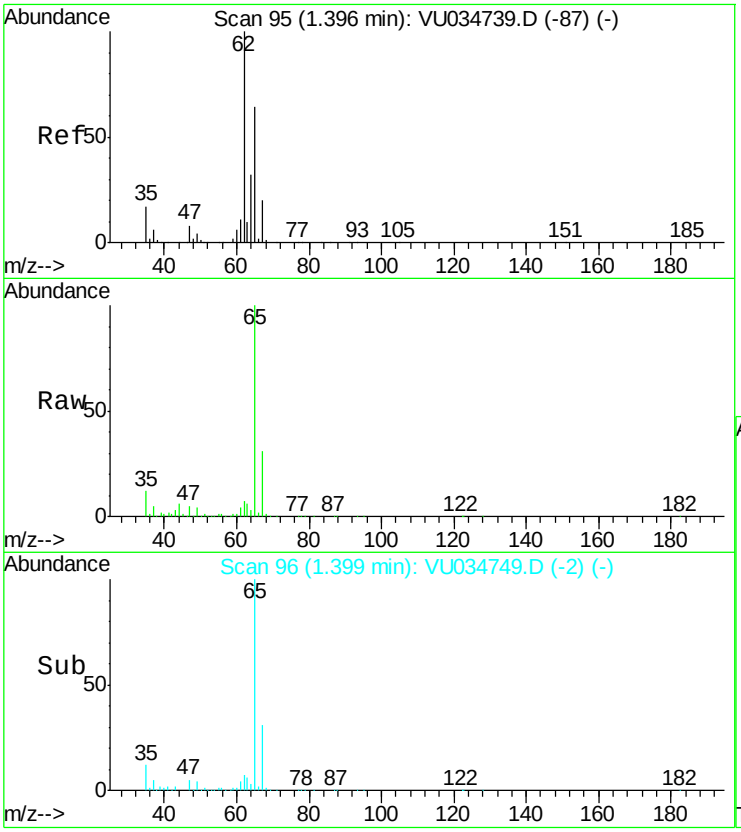
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration



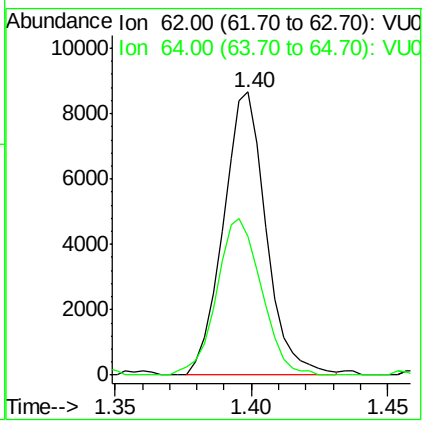


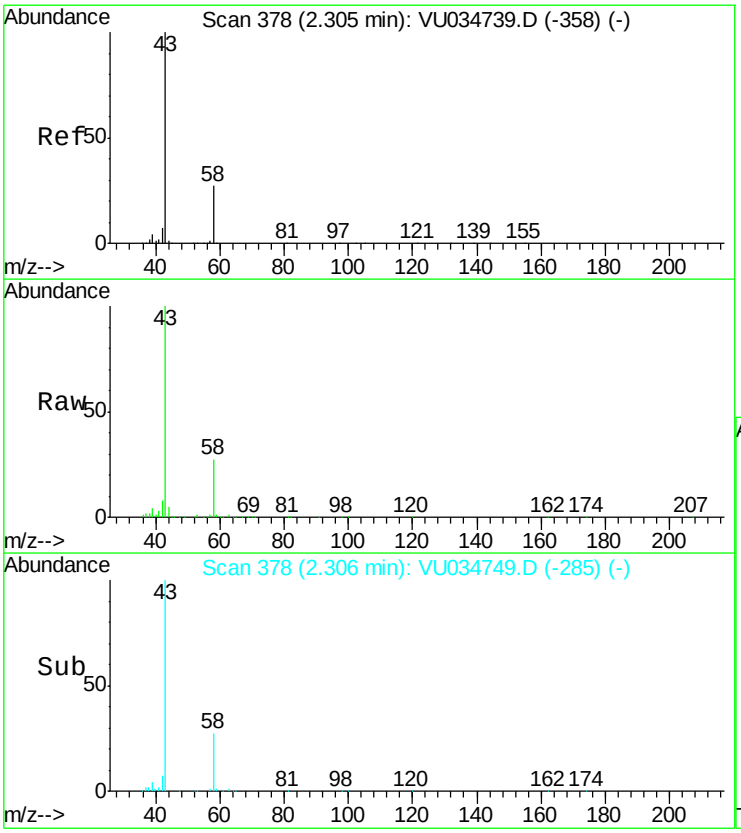
#5
Vinyl chloride
Concen: 1.800 ug/L
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Instrument : MSVOA_U
ClientSampleId : BFDG7

Tgt Ion: 62 Resp: 9477

Ion	Ratio	Lower	Upper
62	100		
64	48.8	22.2	41.2#

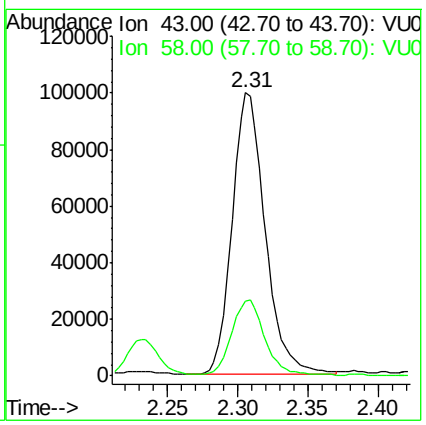


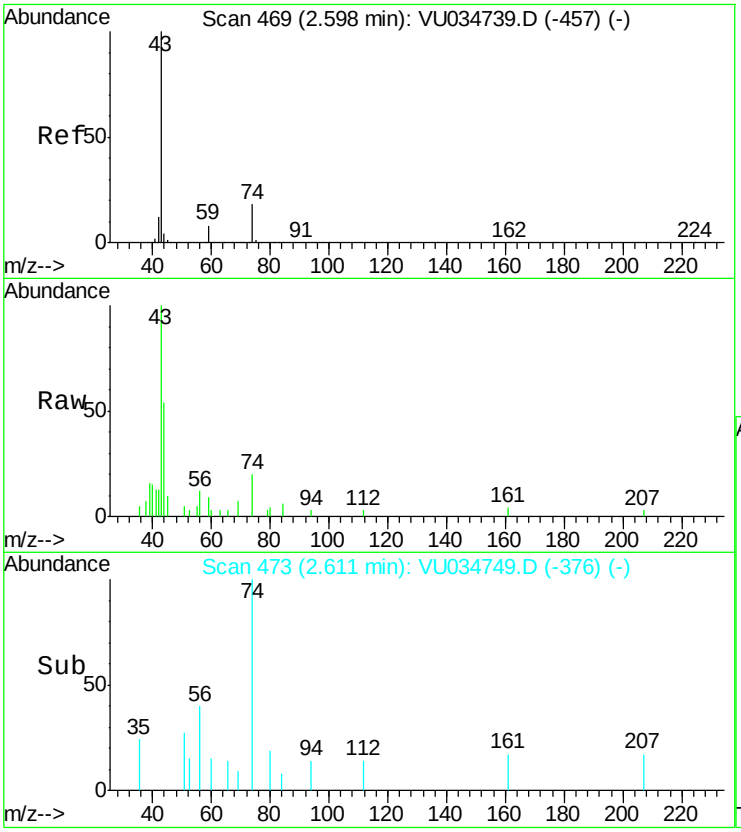


#13
Acetone
Concen: 38.278 ug/L
RT: 2.31 min Scan# 378
Delta R.T. 0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Tgt Ion: 43 Resp: 163109

Ion	Ratio	Lower	Upper
43	100		
58	25.7	0.0	53.4



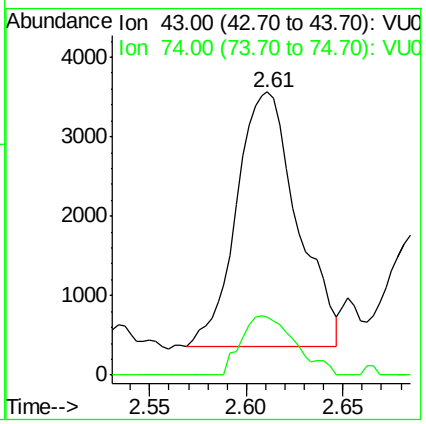


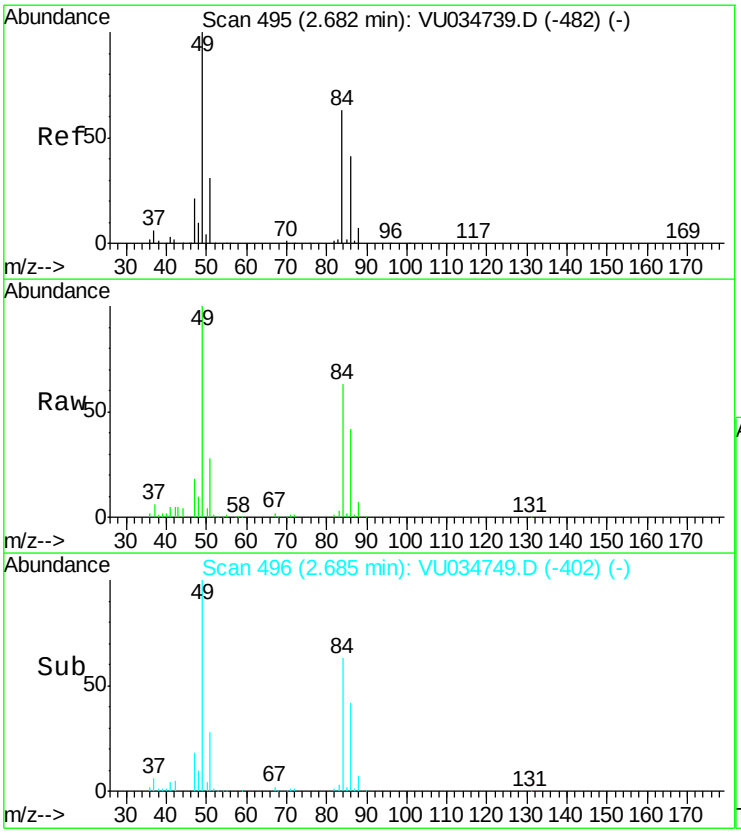
#15
Methyl Acetate
Concen: 1.232 ug/L
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Instrument : MSVOA_U
ClientSampleId : BFDG7

Tgt Ion: 43 Resp: 7015

Ion	Ratio	Lower	Upper
43	100		
74	19.2	14.4	21.6

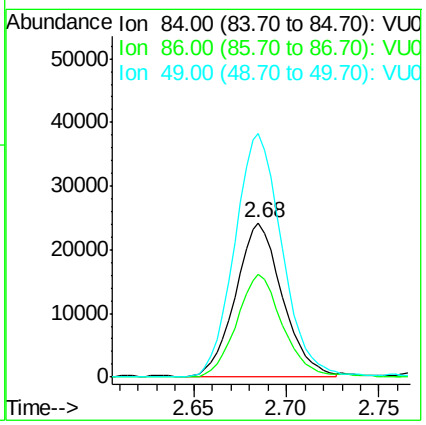


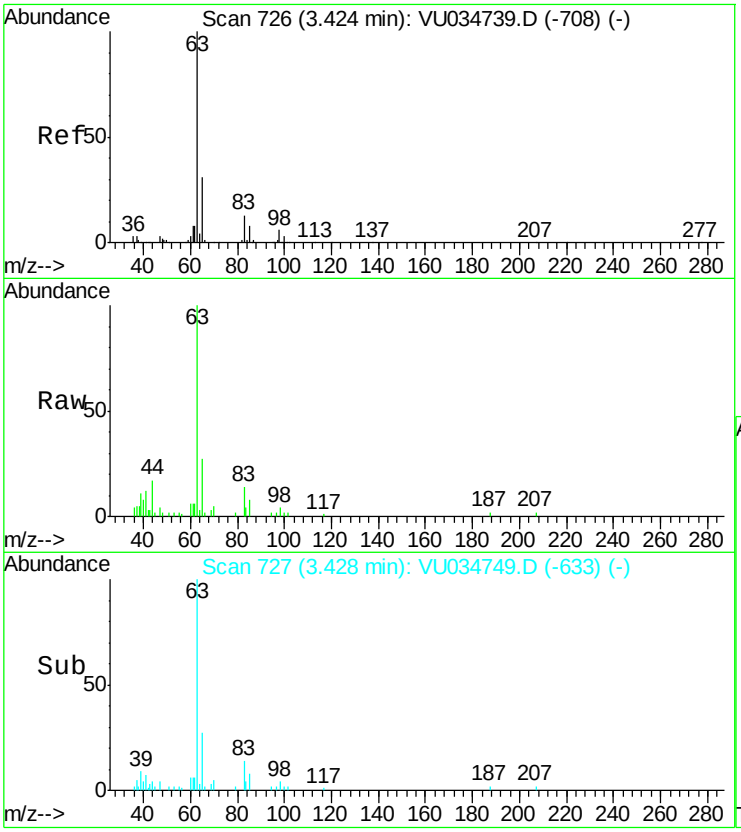


#16
Methylene chloride
Concen: 11.055 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Tgt Ion: 84 Resp: 42773

Ion	Ratio	Lower	Upper
84	100		
86	66.3	43.0	80.0
49	157.8	109.7	203.7



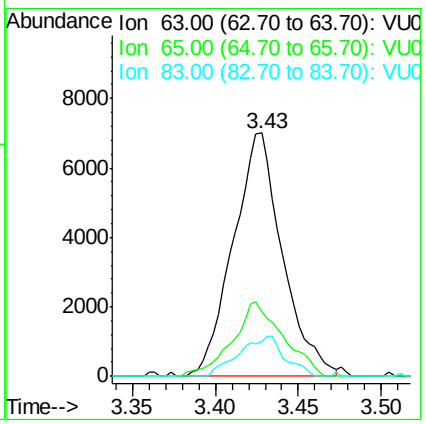


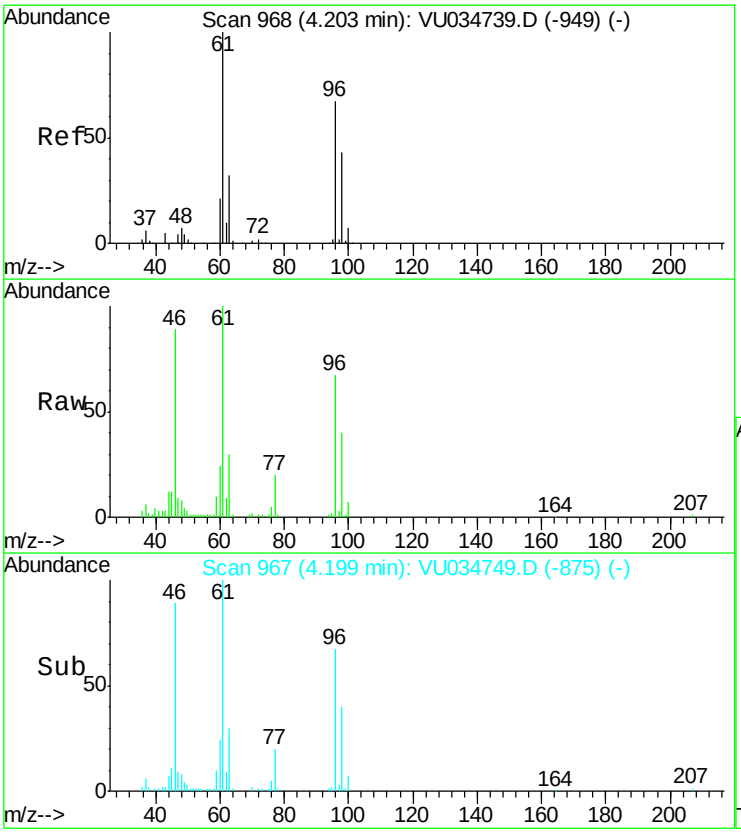
#19
1,1-Dichloroethane
Concen: 1.892 ug/L
RT: 3.43 min Scan# 727
Delta R.T. 0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Instrument : MSVOA_U
ClientSampleId : BFDG7

Tgt Ion: 63 Resp: 14493

Ion	Ratio	Lower	Upper
63	100		
65	26.7	22.0	40.8
83	14.3	8.9	16.5

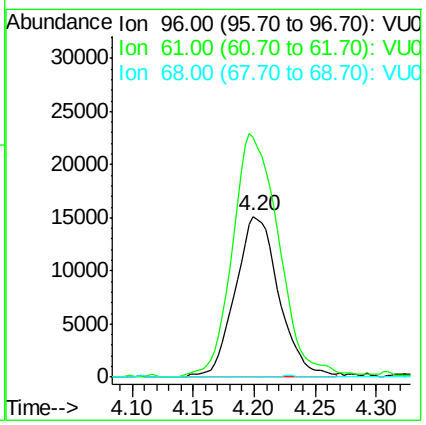


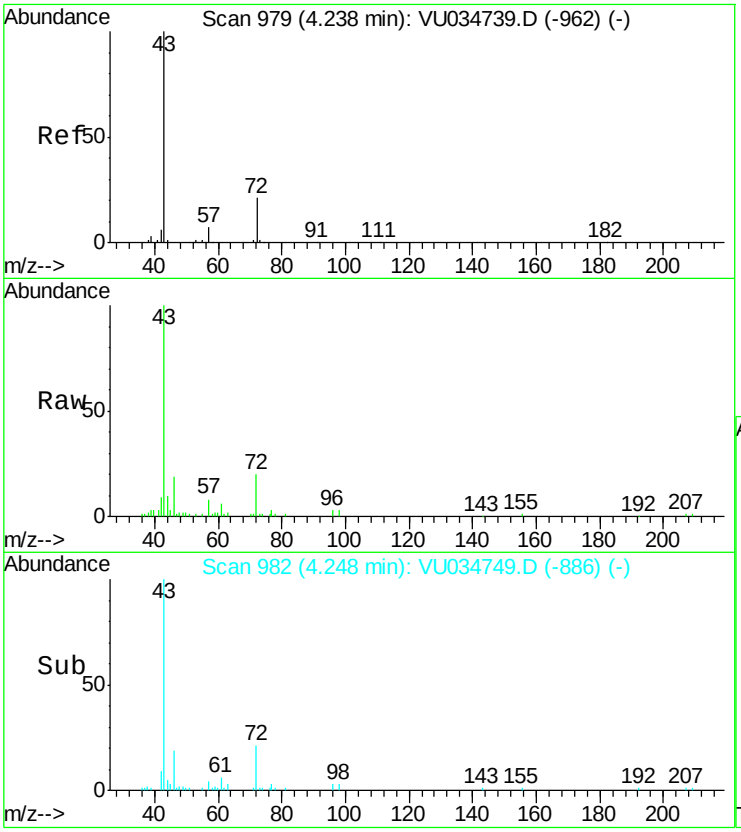


#20
cis-1,2-Dichloroethene
Concen: 9.600 ug/L
RT: 4.20 min Scan# 967
Delta R.T. -0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Tgt Ion: 96 Resp: 37487

Ion	Ratio	Lower	Upper
96	100		
61	149.5	108.8	202.2
68	0.0	0.0	0.0



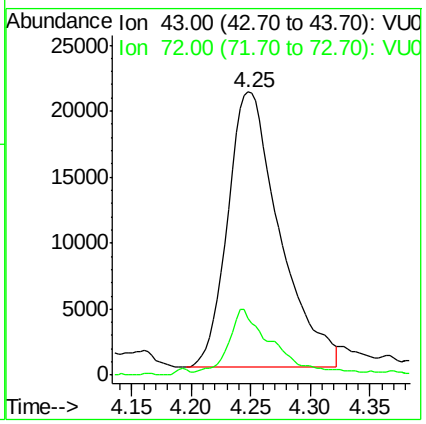


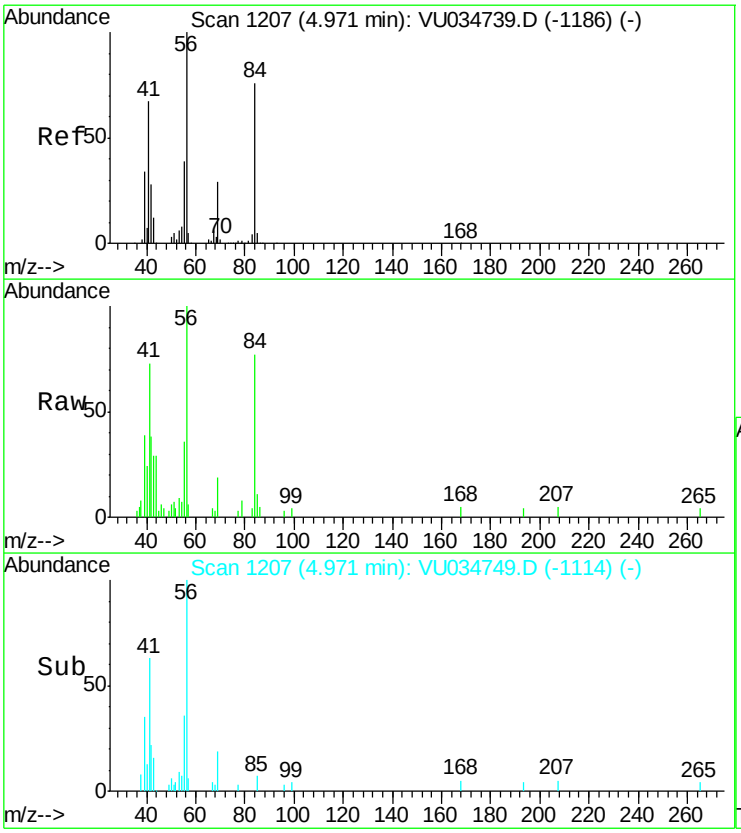
#22
2-Butanone
Concen: 12.424 ug/L
RT: 4.25 min Scan# 982
Delta R.T. 0.01 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Instrument :
MSVOA_U
ClientSampleId :
BFDG7

Tgt Ion: 43 Resp: 62980

Ion	Ratio	Lower	Upper
43	100		
72	12.9	10.2	30.6

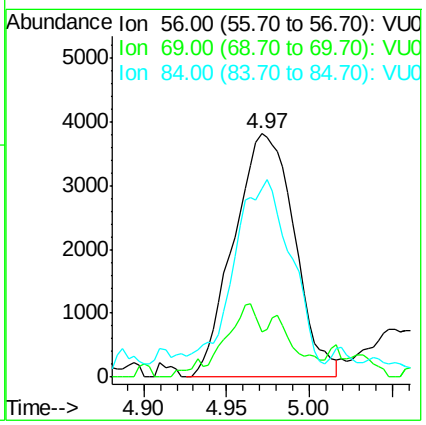


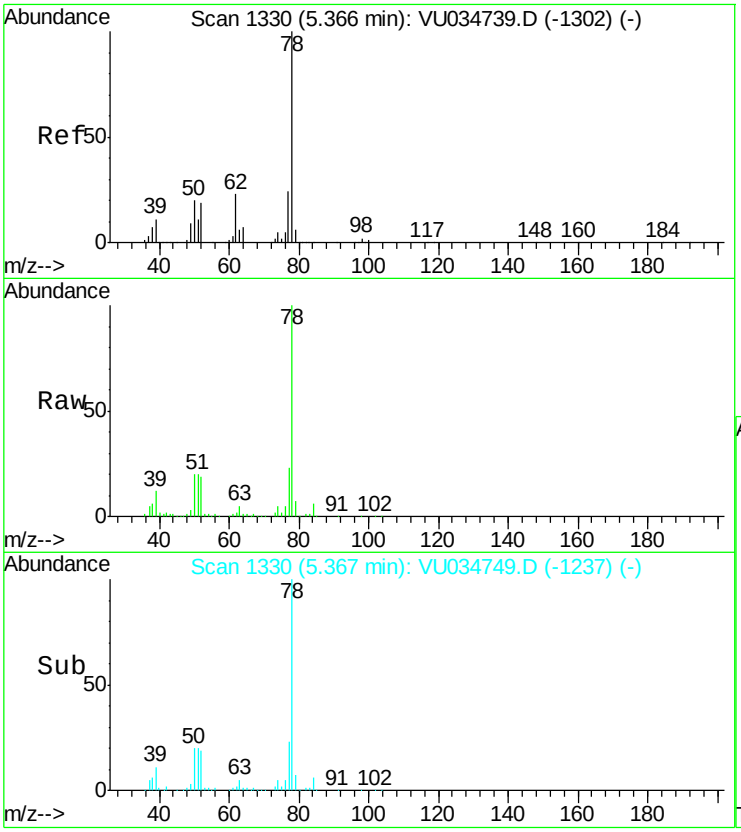


#29
Cyclohexane
Concen: 1.327 ug/L
RT: 4.97 min Scan# 1207
Delta R.T. 0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Tgt Ion: 56 Resp: 9718

Ion	Ratio	Lower	Upper
56	100		
69	14.0	21.7	32.5#
84	27.5	58.8	88.2#

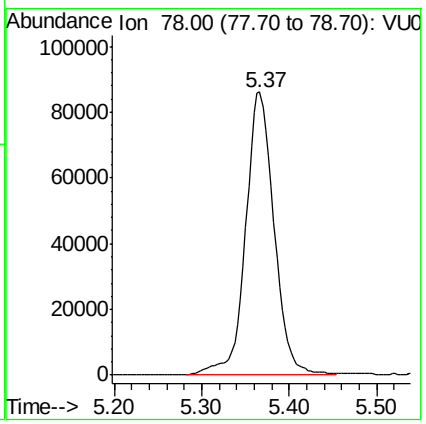


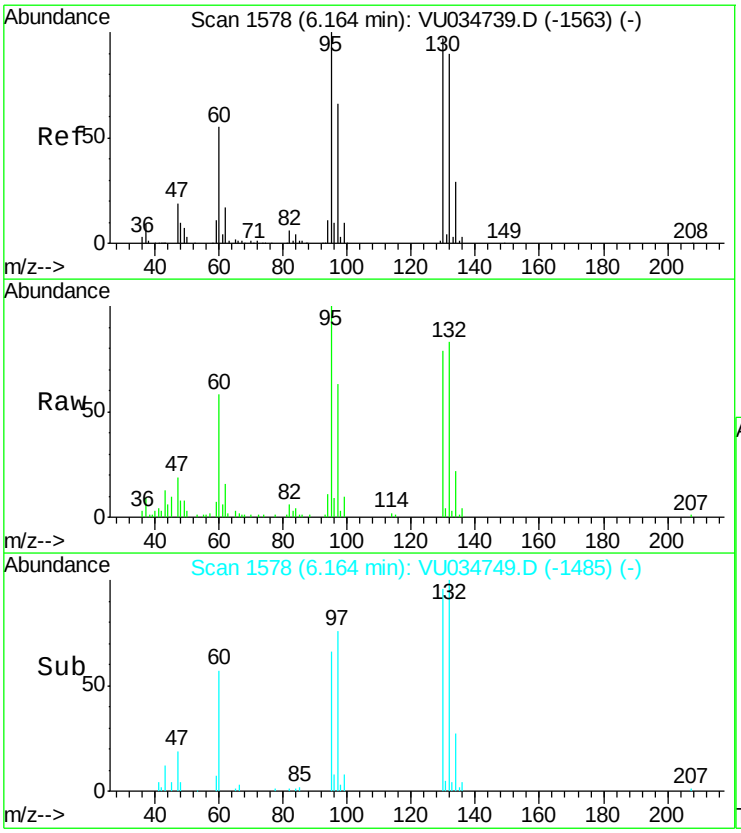


#33
Benzene
Concen: 12.641 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Instrument :
MSVOA_U
ClientSampleId :
BFDG7

Tgt Ion: 78 Resp: 194491

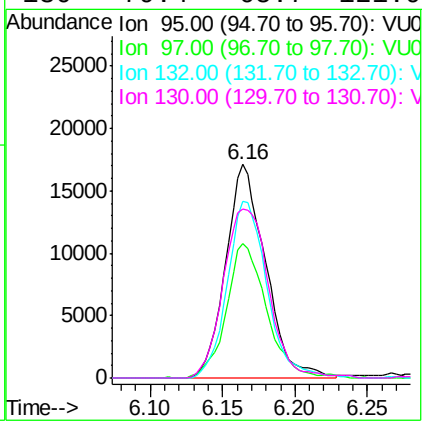


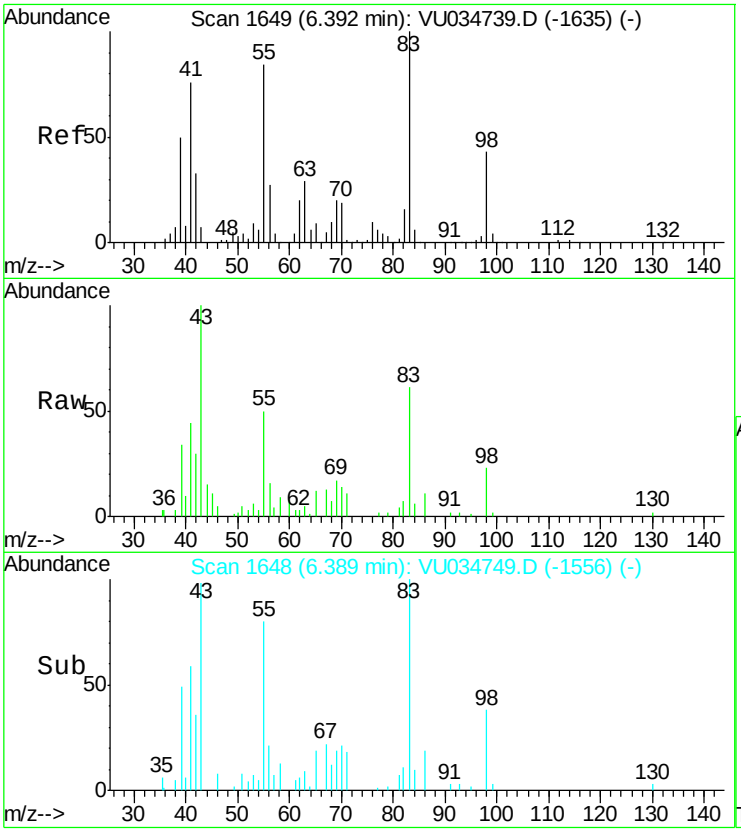


#34
Trichloroethene
Concen: 8.596 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Tgt Ion: 95 Resp: 32665

Ion	Ratio	Lower	Upper
95	100		
97	63.1	43.7	81.1
132	83.0	61.0	113.2
130	79.4	65.7	121.9



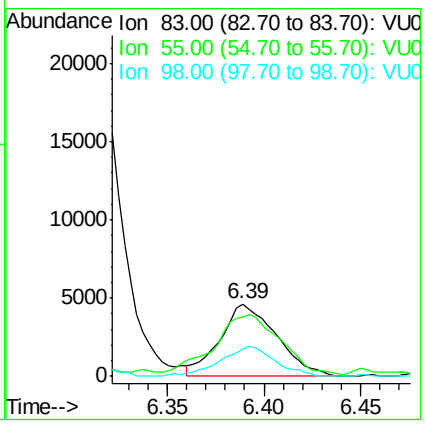


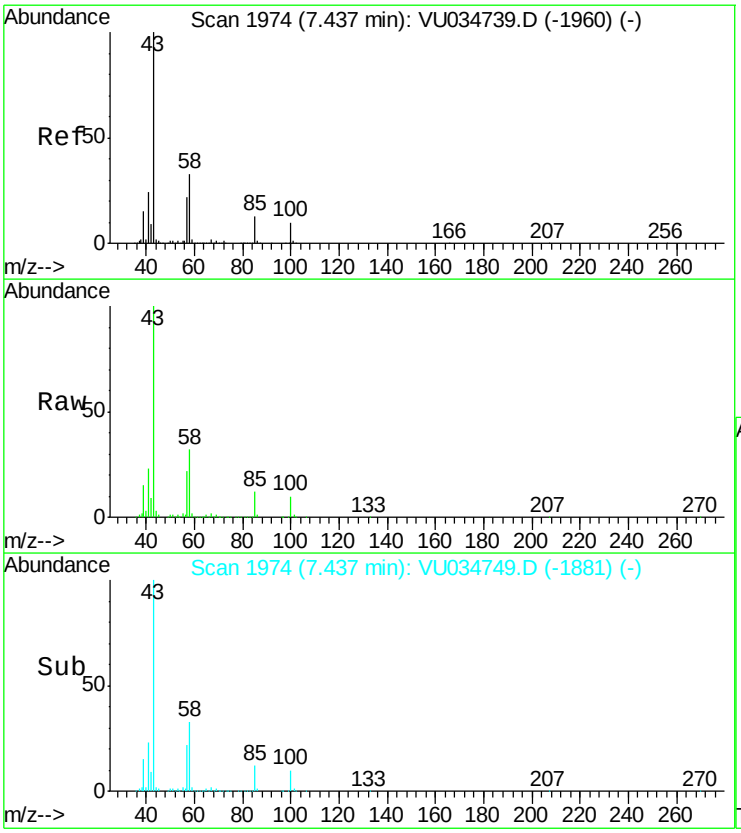
#35
Methylcyclohexane
Concen: 1.456 ug/L
RT: 6.39 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Instrument :
MSVOA_U
ClientSampleId :
BFDG7

Tgt Ion: 83 Resp: 9391

Ion	Ratio	Lower	Upper
83	100		
55	97.3	71.6	107.4
98	38.8	35.7	53.5

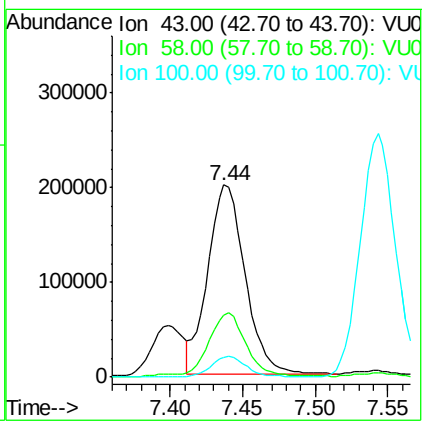


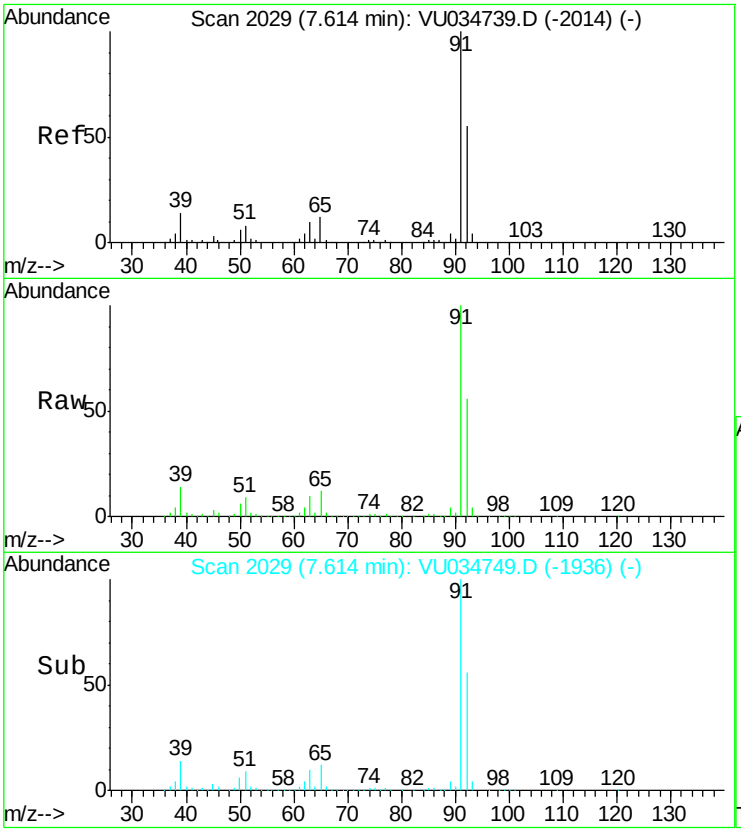


#40
4-Methyl-2-pentanone
Concen: 41.017 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Tgt Ion: 43 Resp: 358758

Ion	Ratio	Lower	Upper
43	100		
58	32.5	25.2	37.8
100	10.3	7.7	11.5



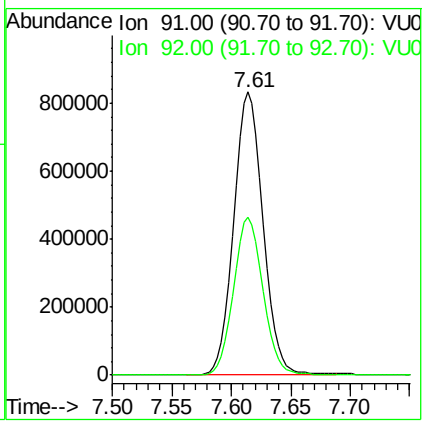


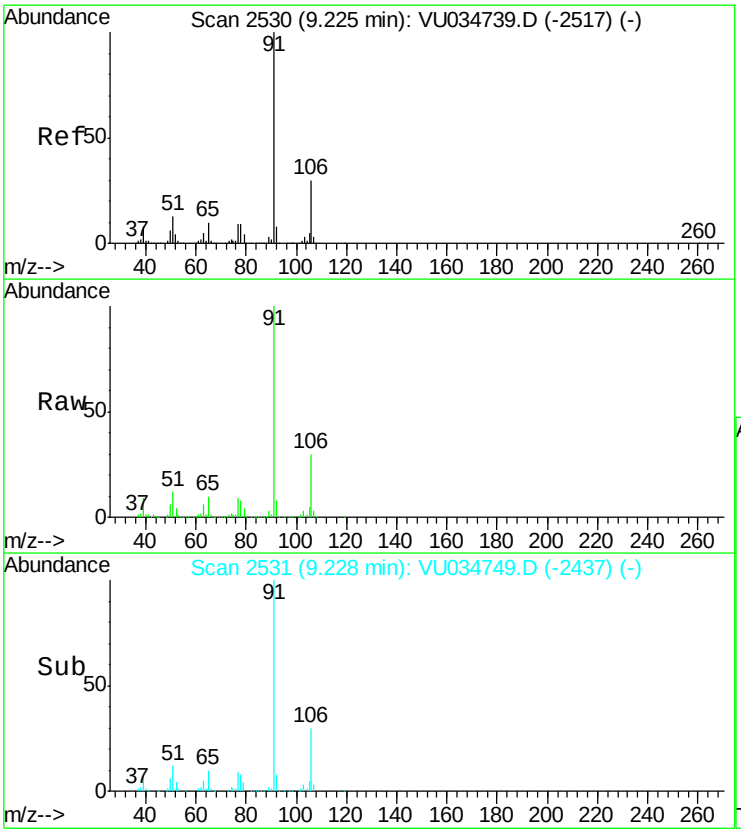
#42
Toluene
Concen: 85.572 ug/L
RT: 7.61 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Instrument : MSVOA_U
ClientSampleId : BFDG7

Tgt Ion: 91 Resp: 1422900

Ion	Ratio	Lower	Upper
91	100		
92	55.8	38.2	71.0

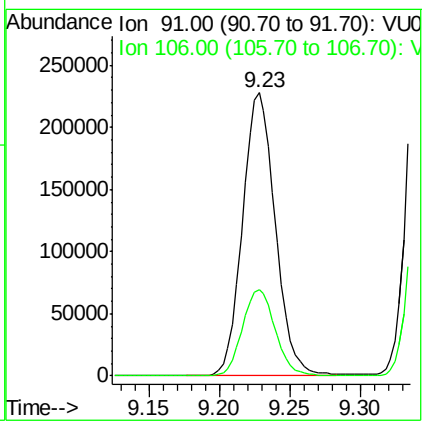


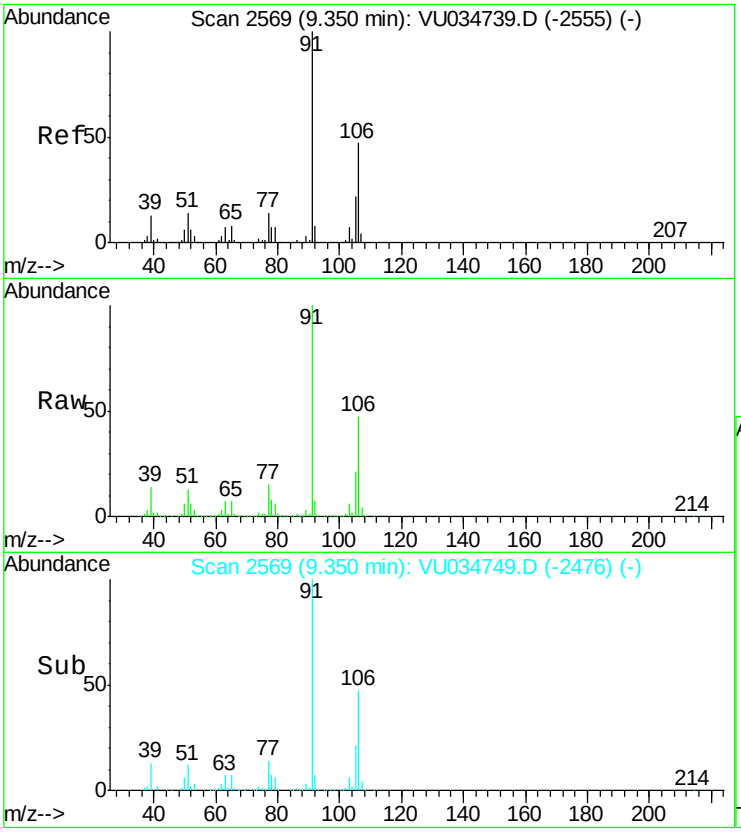


#52
Ethylbenzene
Concen: 19.828 ug/L
RT: 9.23 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Tgt Ion: 91 Resp: 371280

Ion	Ratio	Lower	Upper
91	100		
106	30.3	20.6	38.4



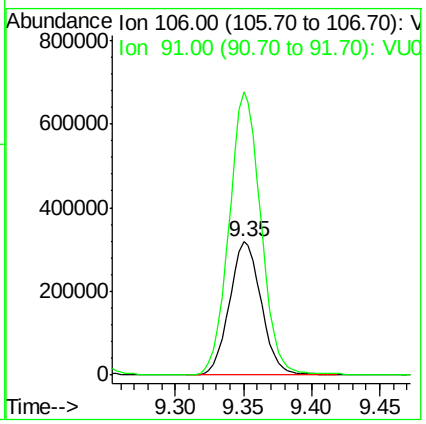


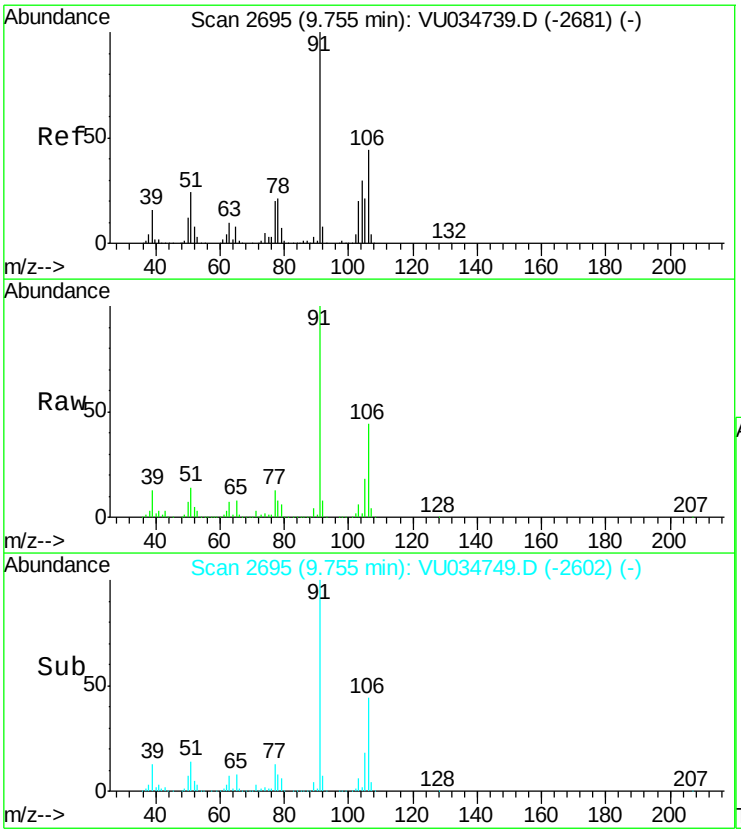
#53
m,p-Xylene
Concen: 77.788 ug/L
RT: 9.35 min Scan# 2569
Delta R.T. 0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Instrument :
MSVOA_U
ClientSampleId :
BFDG7

Tgt Ion:106 Resp: 515905

Ion	Ratio	Lower	Upper
106	100		
91	212.0	146.9	272.7

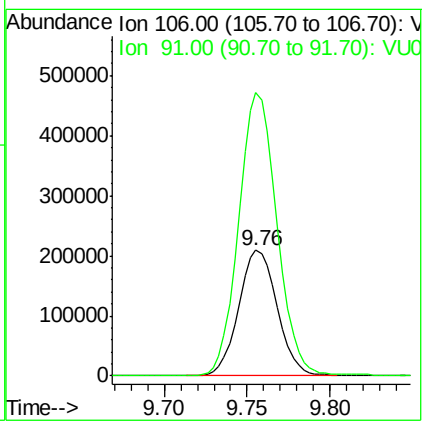


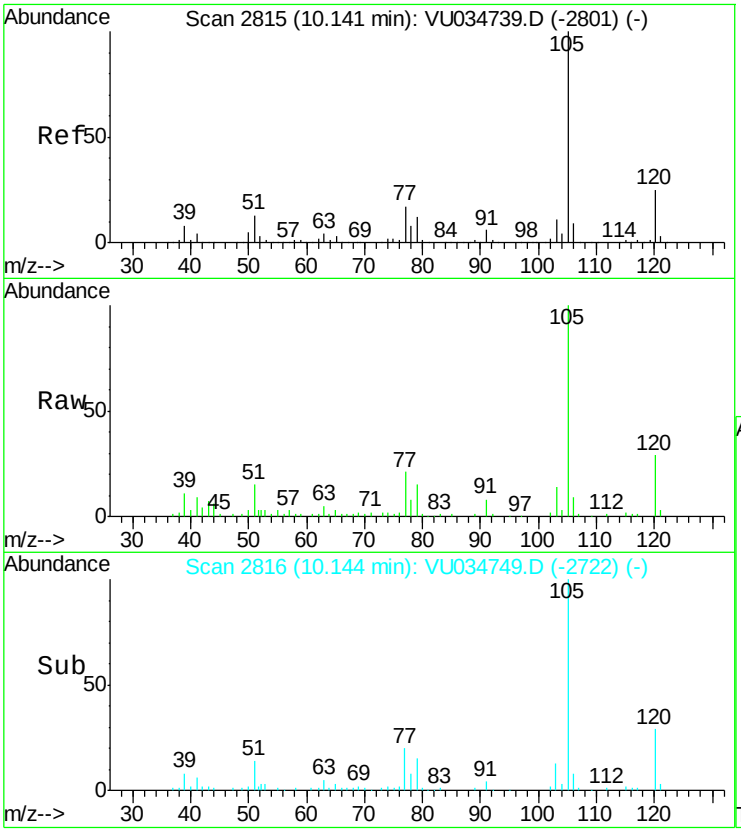


#54
o-xylene
Concen: 51.368 ug/L
RT: 9.76 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Tgt Ion:106 Resp: 336965

Ion	Ratio	Lower	Upper
106	100		
91	225.5	155.6	289.0



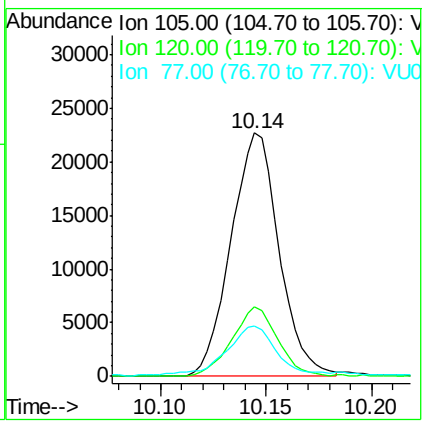


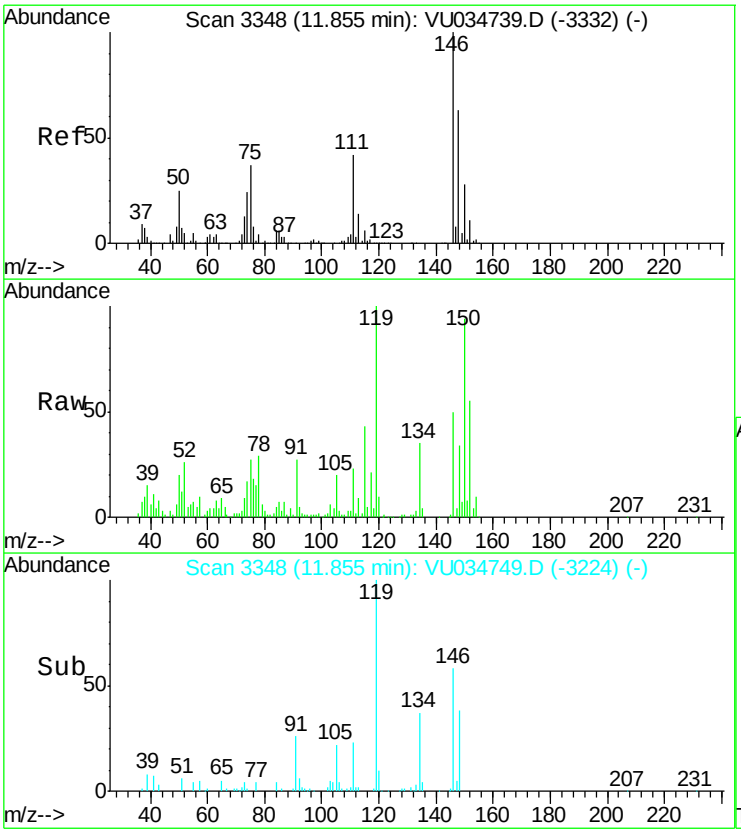
#56
Isopropylbenzene
Concen: 2.032 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. 0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Instrument :
MSVOA_U
ClientSampleId :
BFDG7

Tgt Ion:105 Resp: 35940

Ion	Ratio	Lower	Upper
105	100		
120	26.9	20.4	30.6
77	20.2	14.2	21.4





#65
1,2-Dichlorobenzene
Concen: 6.239 ug/L
RT: 11.86 min Scan# 3348
Delta R.T. 0.00 min
Lab File: VU034749.D
Acq: 23 Sep 2019 21:42

Tgt Ion:146 Resp: 47078

Ion	Ratio	Lower	Upper
146	100		
111	46.2	35.2	52.8
148	68.0	53.0	79.6