

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
 Data File : VU034896.D
 Acq On : 01 Oct 2019 18:33
 Operator : JC/SP
 Sample : K5028-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDK5

Quant Time: Oct 02 02:23:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 02 01:50:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	345949	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	335410	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	143064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	104744	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.40%
7) Chloroethane-d5	1.67	69	93914	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.26	63	155357	35.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.88%
21) 2-Butanone-d5	4.15	46	264565	111.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.82%
24) Chloroform-d	4.62	84	224527	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	5.29	65	167381	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
32) Benzene-d6	5.32	84	436860	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
36) 1,2-Dichloropropane-d6	6.31	67	156299	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.58%
41) Toluene-d8	7.54	98	400644	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%
43) trans-1,3-Dichloropropene-	7.83	79	68790	49.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.94%
47) 2-Hexanone-d5	8.29	63	176837	117.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.69%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	220303	49.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.28%
64) 1,2-Dichlorobenzene-d4	11.84	152	145633	51.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.32%

Target Compounds

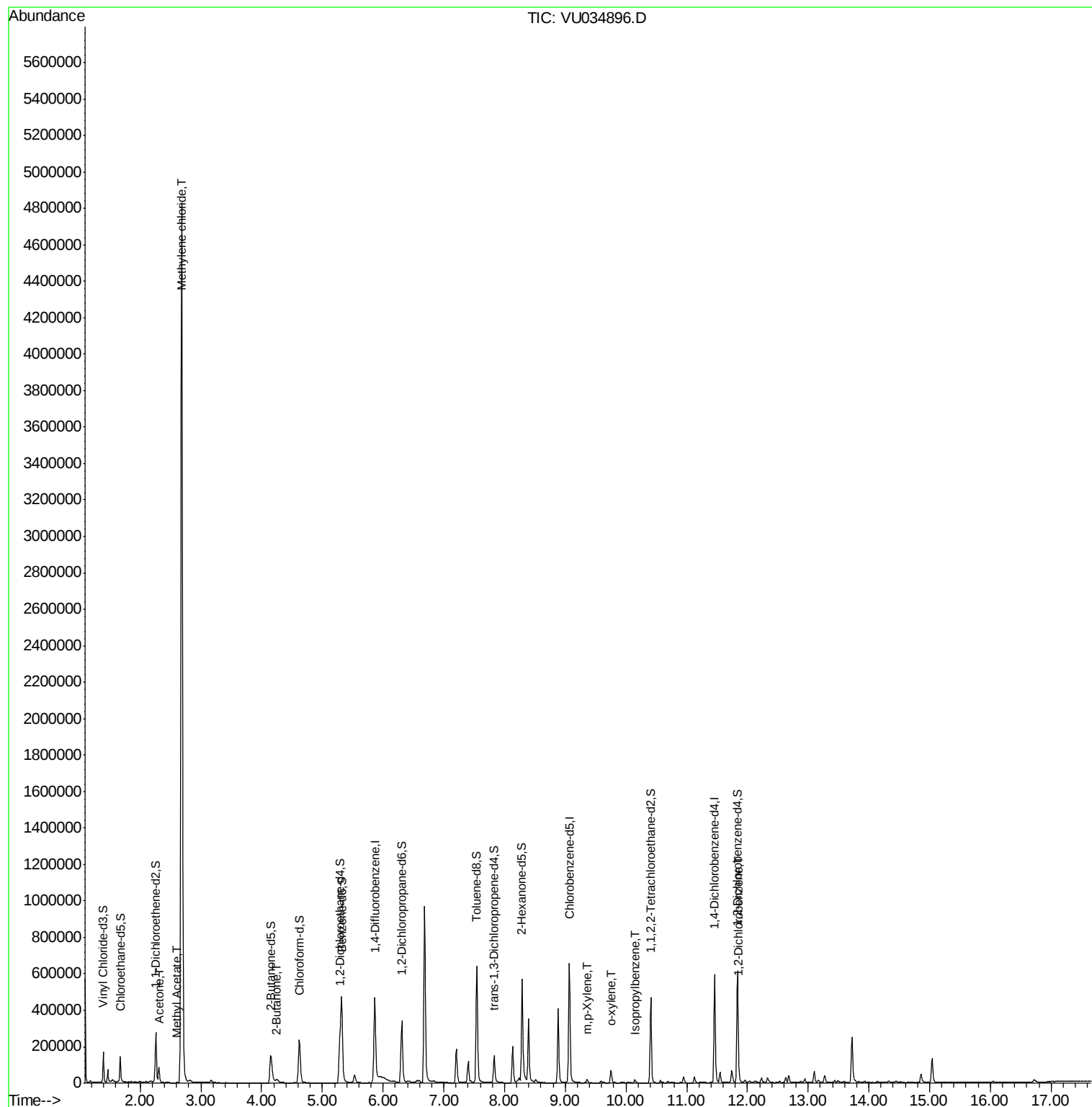
					Ovalue
13) Acetone	2.31	43	87602	46.586	ug/L 97
15) Methyl Acetate	2.61	43	2802	0.933	ug/L 98
16) Methylene chloride	2.68	84	1923030	1014.682	ug/L 96
22) 2-Butanone	4.25	43	29822	12.210	ug/L 97
53) m,p-Xylene	9.36	106	5808	1.840	ug/L 89
54) o-xylene	9.76	106	9589	2.880	ug/L 95
56) Isopropylbenzene	10.14	105	10983	1.181	ug/L 95
65) 1,2-Dichlorobenzene	11.86	146	12105	2.916	ug/L 92

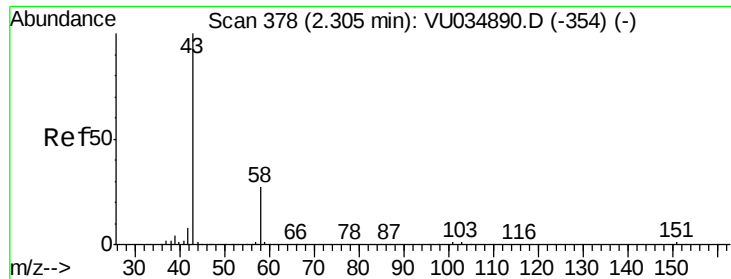
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 02 01:50:17 2019
Response via : Initial Calibration





#13

Acetone

Concen: 46.586 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034896.D

Acq: 01 Oct 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

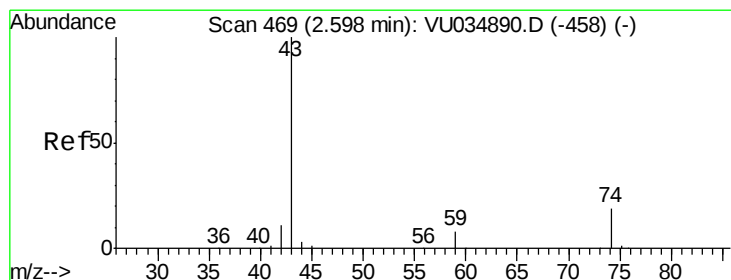
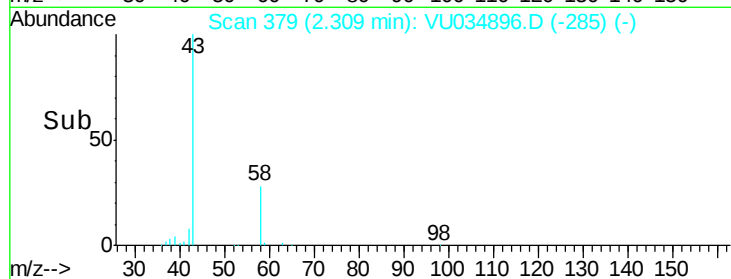
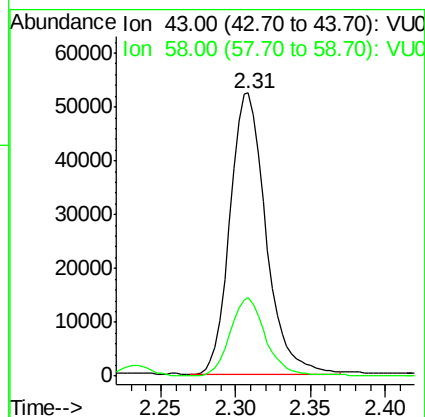
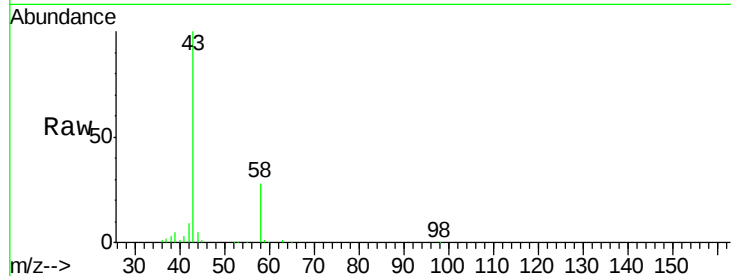
BFDK5

Tot Ion: 43 Resp: 87602

Ion Ratio Lower Upper

43 100

58 27.6 0.0 52.6



#15

Methyl Acetate

Concen: 0.933 ug/L

RT: 2.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: VU034896.D

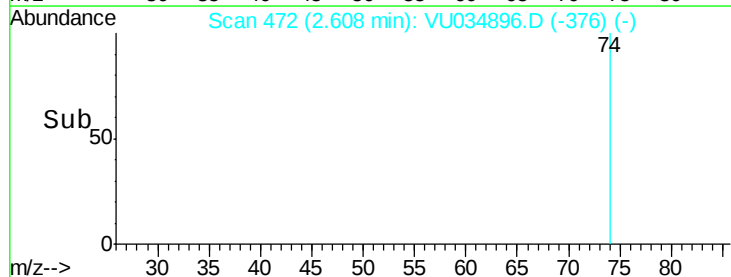
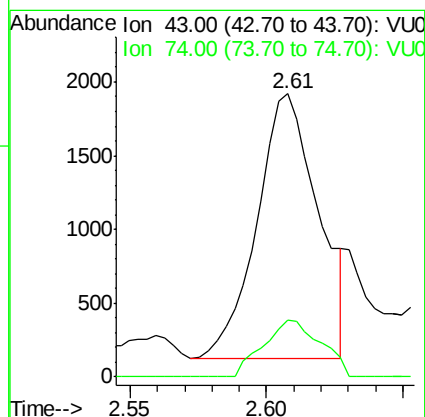
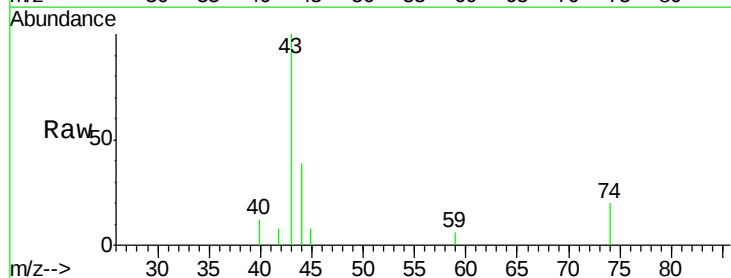
Acq: 01 Oct 2019 18:33

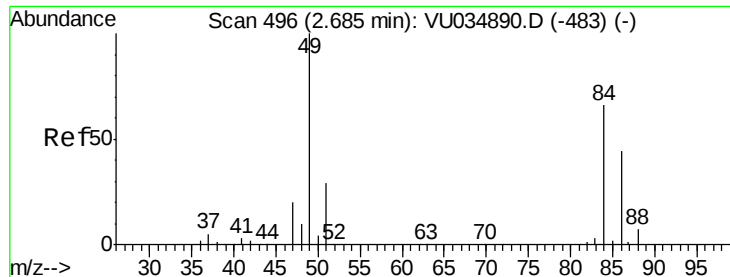
Tgt Ion: 43 Resp: 2802

Ion Ratio Lower Upper

43 100

74 20.1 15.3 22.9

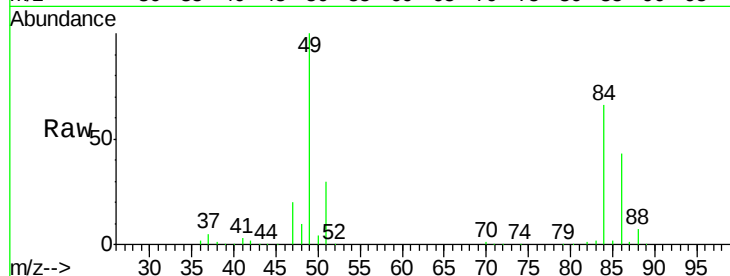




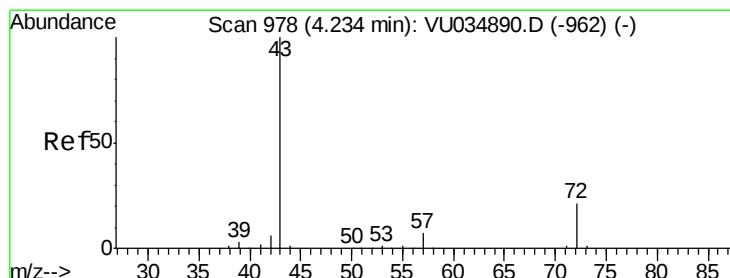
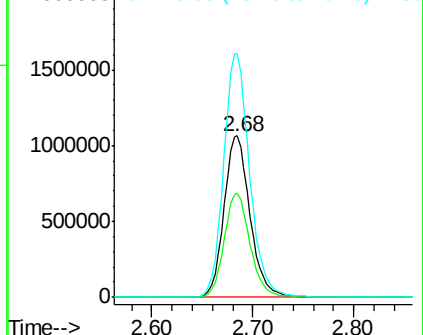
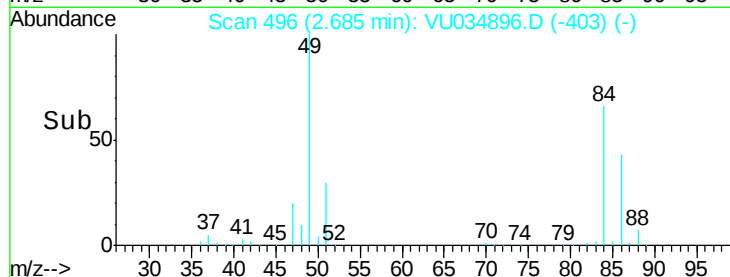
#16
Methvlene chloride
Concen: 1014.682 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034896.D
Acq: 01 Oct 2019 18:33

Instrument :
MSVOA_U
ClientSampleId :
BFDK5

Tot Ion: 84 Resp: 1923030
Ion Ratio Lower Upper
84 100
86 64.8 44.7 82.9
49 150.7 100.7 186.9

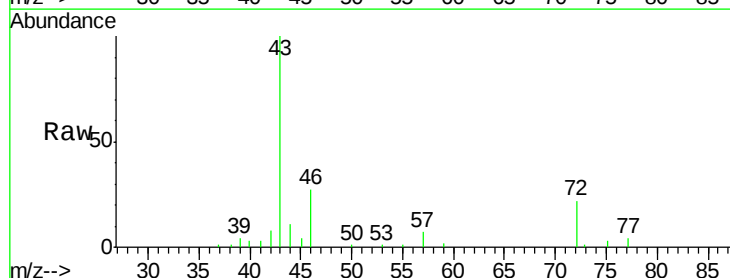


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

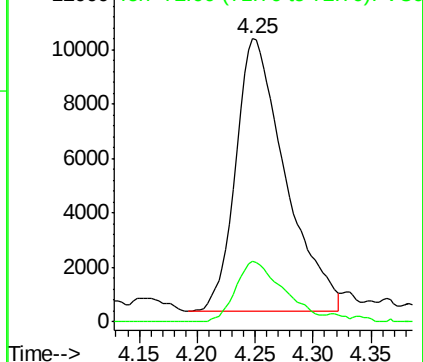
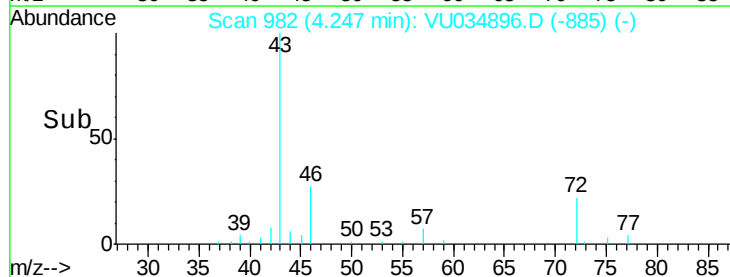


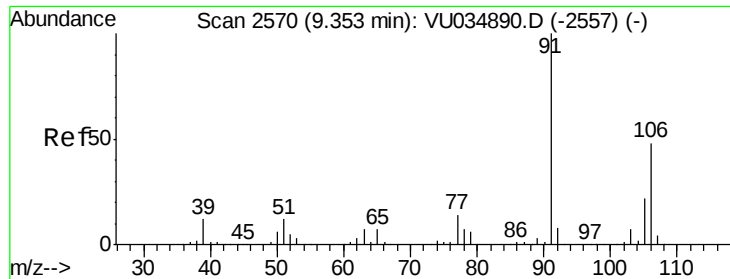
#22
2-Butanone
Concen: 12.210 ug/L
RT: 4.25 min Scan# 982
Delta R.T. 0.01 min
Lab File: VU034896.D
Acq: 01 Oct 2019 18:33

Tgt Ion: 43 Resp: 29822
Ion Ratio Lower Upper
43 100
72 21.2 11.2 33.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0

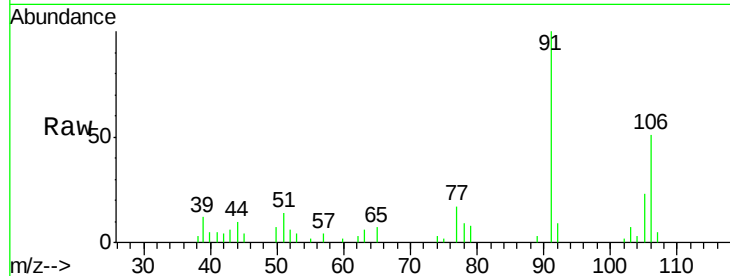




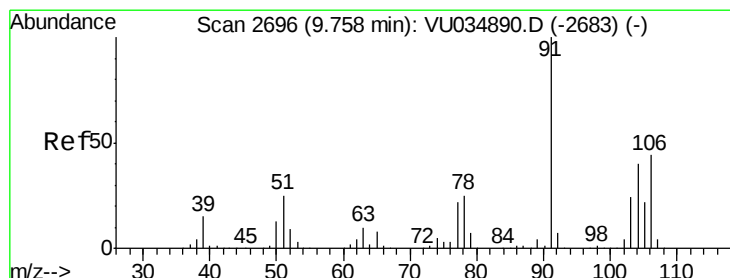
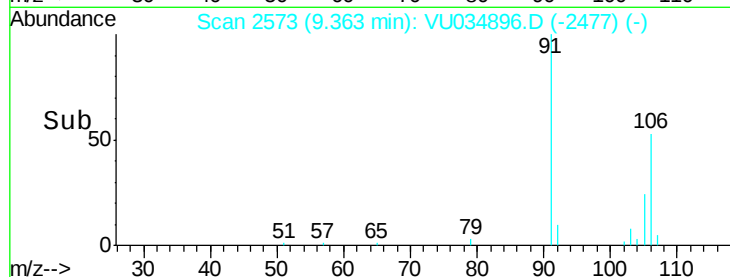
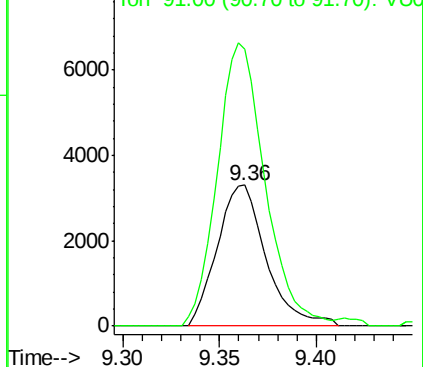
#53
m,p-Xylene
Concen: 1.840 ug/L
RT: 9.36 min Scan# 2573
Delta R.T. 0.01 min
Lab File: VU034896.D
Acq: 01 Oct 2019 18:33

Instrument :
MSVOA_U
ClientSampleId :
BFDK5

Tot Ion:106 Resp: 5808
Ion Ratio Lower Upper
106 100
91 196.5 150.1 278.9

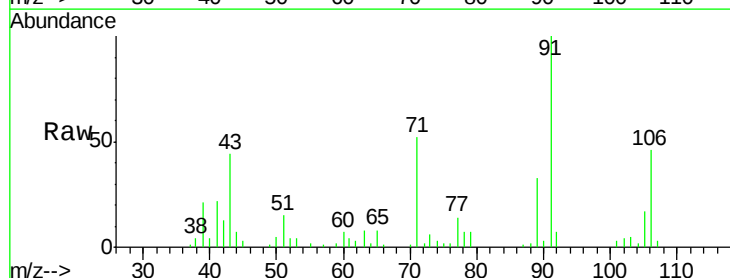


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

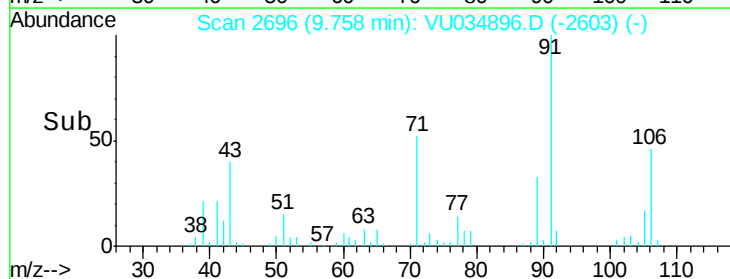
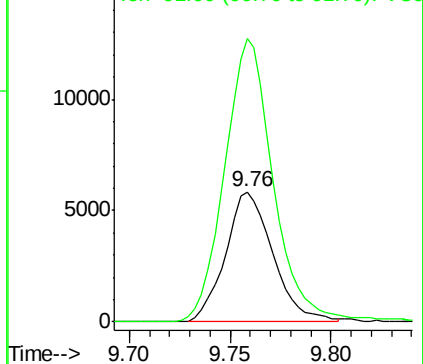


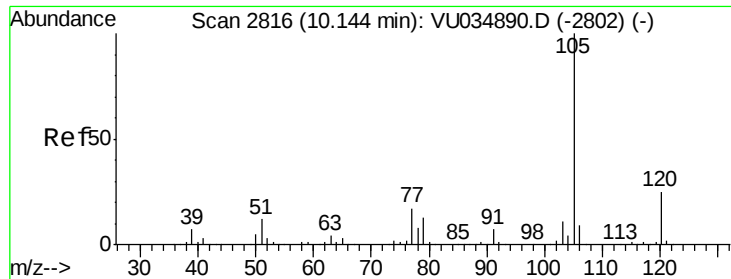
#54
o-xylene
Concen: 2.880 ug/L
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034896.D
Acq: 01 Oct 2019 18:33

Tgt Ion:106 Resp: 9589
Ion Ratio Lower Upper
106 100
91 217.2 157.8 293.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 1.181 ug/L

RT: 10.14 min Scan# 2816

Delta R.T. 0.00 min

Lab File: VU034896.D

Acq: 01 Oct 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

BFDK5

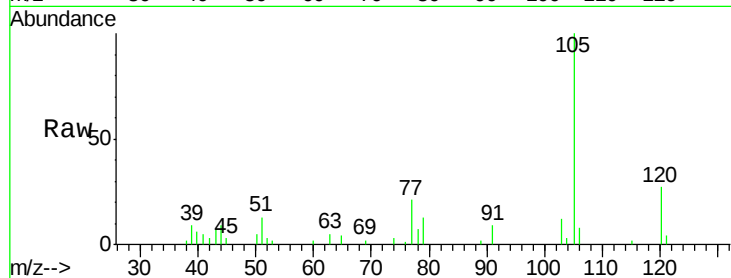
Tot Ion:105 Resp: 10983

Ion Ratio Lower Upper

105 100

120 27.5 20.2 30.4

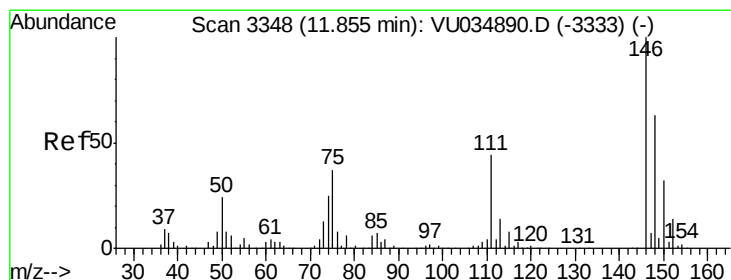
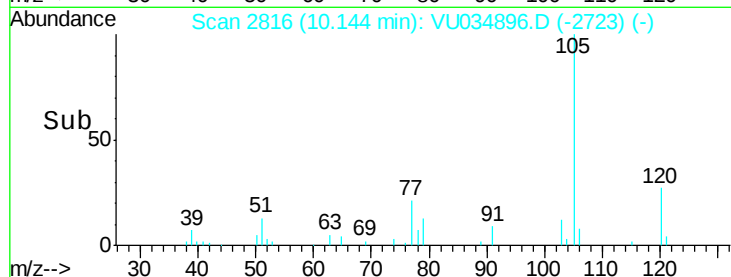
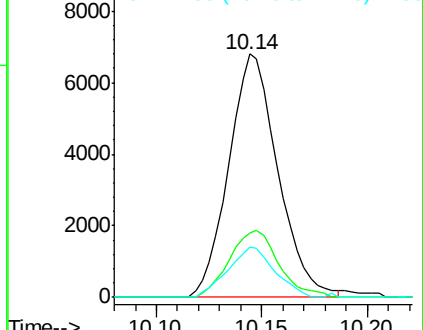
77 19.6 13.7 20.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#65

1,2-Dichlorobenzene

Concen: 2.916 ug/L

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU034896.D

Acq: 01 Oct 2019 18:33

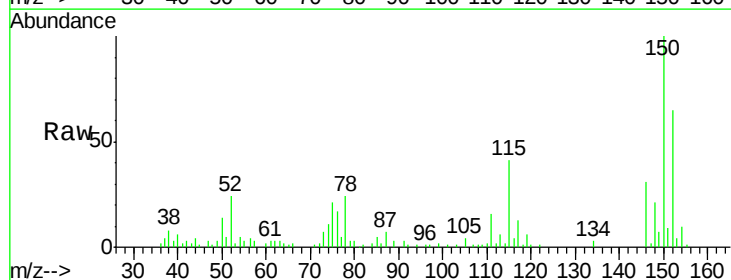
Tgt Ion:146 Resp: 12105

Ion Ratio Lower Upper

146 100

111 50.6 34.9 52.3

148 67.3 50.0 75.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

