

Data File : VU031665.D
Acq On : 01 May 2019 04:08
Operator : JC/SP
Sample : K2604-01 20X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ75

Quant Time: May 01 04:47:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 04:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	975177	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	937644	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	445542	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	306562	37.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.12%
7) Chloroethane-d5	1.68	69	236882	37.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.12%
11) 1,1-Dichloroethene-d2	2.26	63	457989	28.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.36%#
21) 2-Butanone-d5	4.19	46	676218	91.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.45%
24) Chloroform-d	4.64	84	544950	36.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.92%
26) 1,2-Dichloroethane-d4	5.31	65	376372	38.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.08%
32) Benzene-d6	5.33	84	1116828	38.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.58%
36) 1,2-Dichloropropane-d6	6.32	67	400229	39.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.02%
41) Toluene-d8	7.56	98	969237	38.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.30%#
43) trans-1,3-Dichloropropene-	7.85	79	164602	37.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.70%
47) 2-Hexanone-d5	8.32	63	437077	99.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	531367	39.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	353954	37.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.56%#

Target Compounds

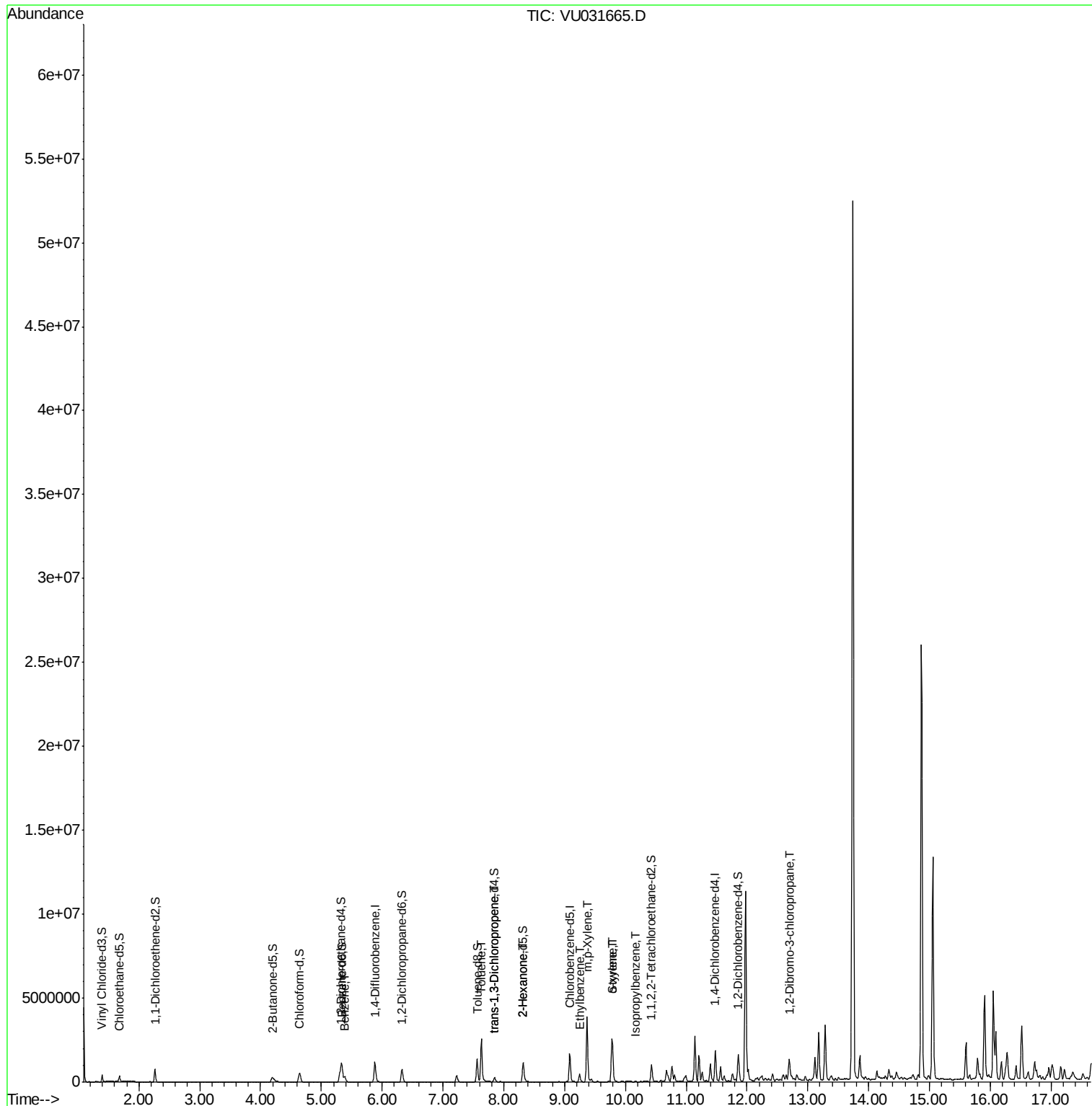
						Qvalue
33) Benzene	5.38	78	334863	9.714	ug/L	100
42) Toluene	7.63	91	1974322	57.493	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	6293	0.537	ug/L	94
48) 2-Hexanone	8.32	43	59717	4.904	ug/L #	71
52) Ethylbenzene	9.25	91	339226	9.523	ug/L	99
53) m,p-Xylene	9.37	106	1064846	85.799	ug/L	98
54) o-xylene	9.77	106	442672	35.977	ug/L	98
55) Styrene	9.79	104	765088	36.396	ug/L	97
56) Isopropylbenzene	10.16	105	22514	0.696	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.69	75	23323	6.411	ug/L #	12

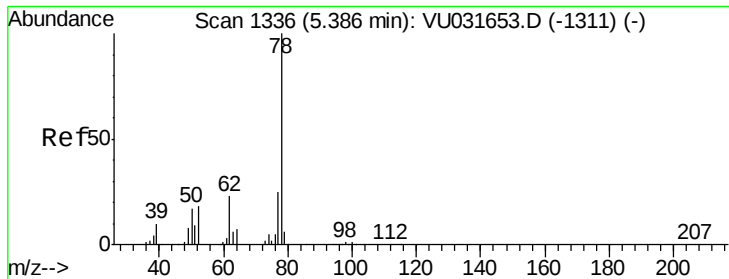
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 9.714 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

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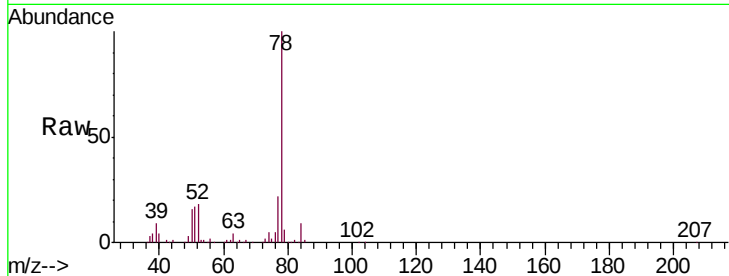
Instrument :

MSVOA_U

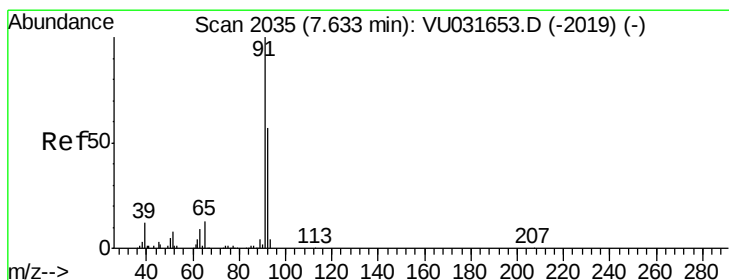
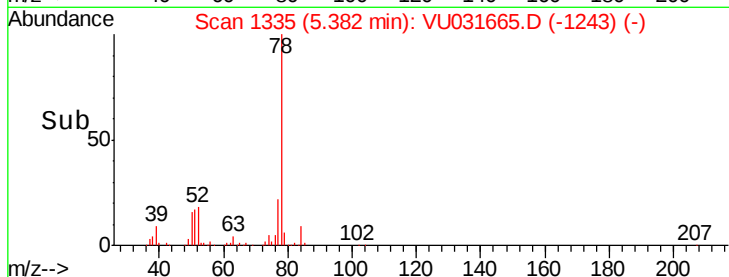
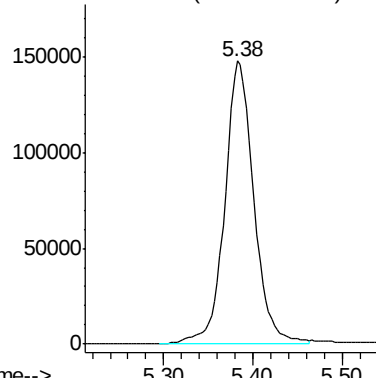
ClientSampleId :

GAJ75

Tgt Ion: 78 Resp: 334863



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 57.493 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031665.D

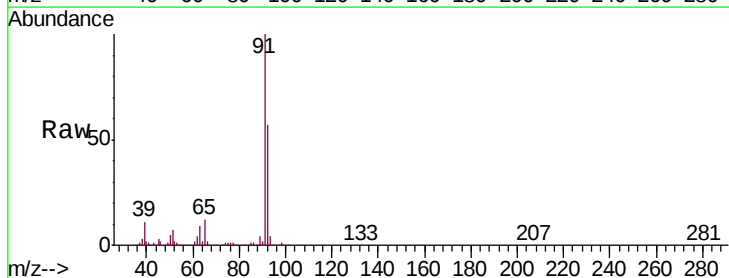
Acq: 01 May 2019 04:08

Tgt Ion: 91 Resp: 1974322

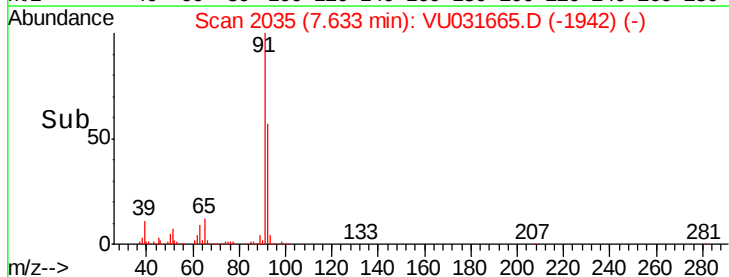
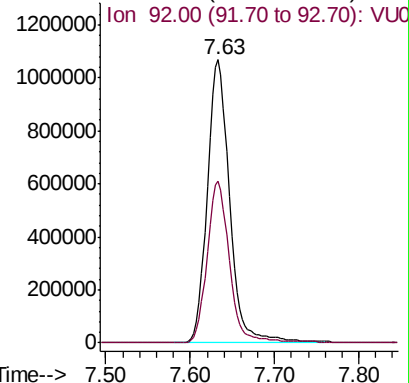
Ion Ratio Lower Upper

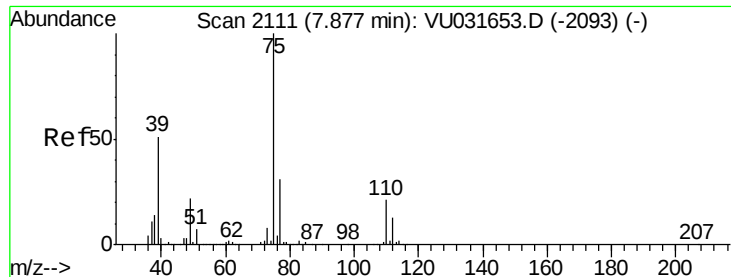
91 100

92 57.1 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.537 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031665.D

Acq: 01 May 2019 04:08

Instrument :

MSVOA_U

ClientSampleId :

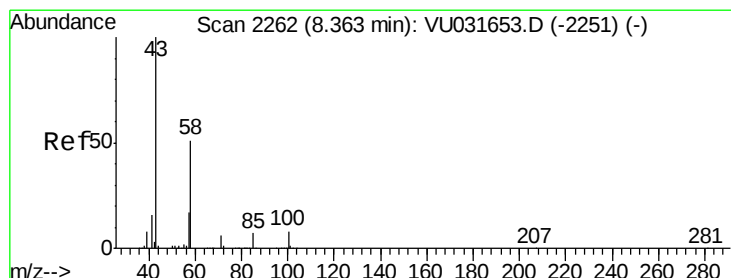
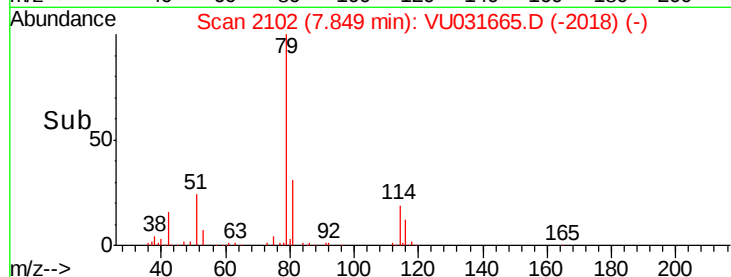
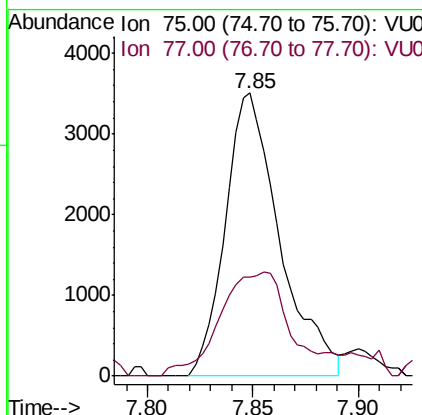
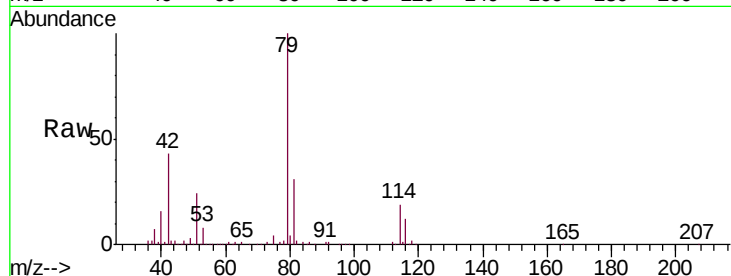
GAJ75

Tgt Ion: 75 Resp: 6293

Ion Ratio Lower Upper

75 100

77 34.9 22.1 41.1



#48

2-Hexanone

Concen: 4.904 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.04 min

Lab File: VU031665.D

Acq: 01 May 2019 04:08

Tgt Ion: 43 Resp: 59717

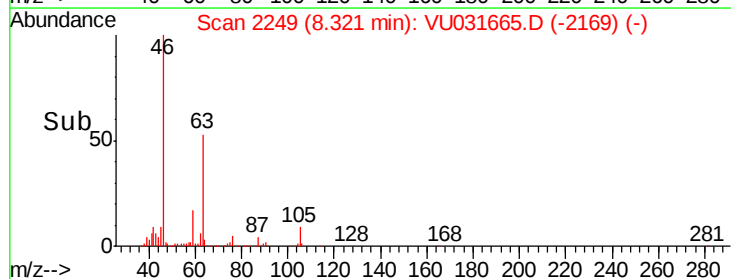
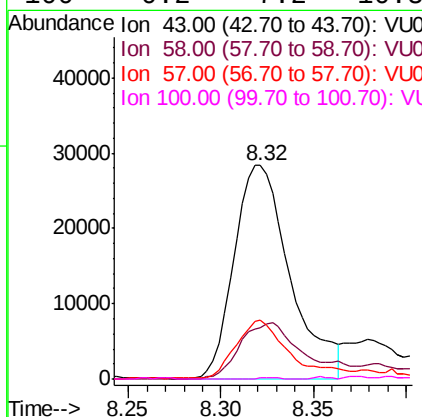
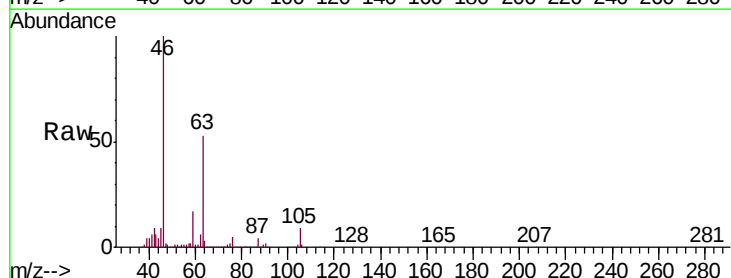
Ion Ratio Lower Upper

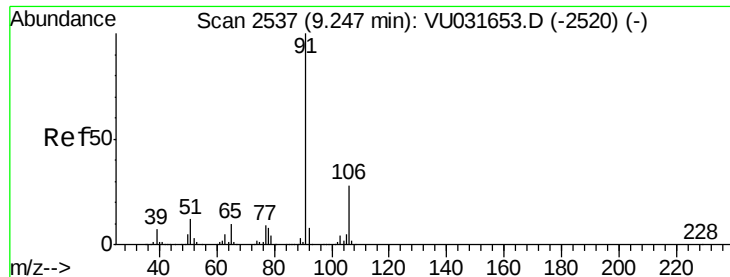
43 100

58 27.2 42.1 63.1#

57 23.1 14.6 22.0#

100 0.2 7.2 10.8#





#52

Ethylbenzene

Concen: 9.523 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU031665.D

Acq: 01 May 2019 04:08

Instrument :

MSVOA_U

ClientSampleId :

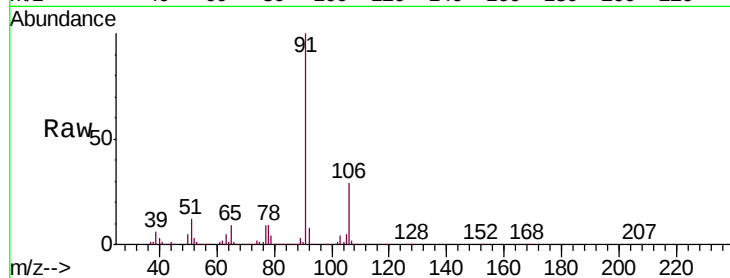
GAJ75

Tgt Ion: 91 Resp: 339226

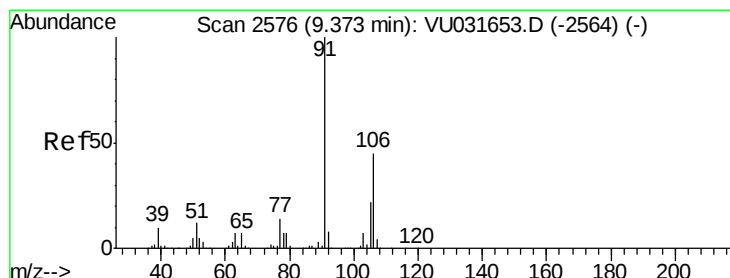
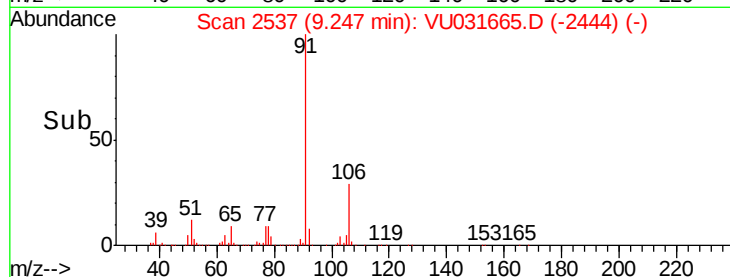
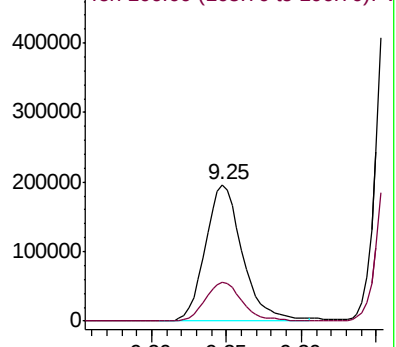
Ion Ratio Lower Upper

91 100

106 28.5 20.4 37.8



Abundance Ion 91.00 (90.70 to 91.70): VU031665.D (-2520) (-)



#53

m,p-Xylene

Concen: 85.799 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU031665.D

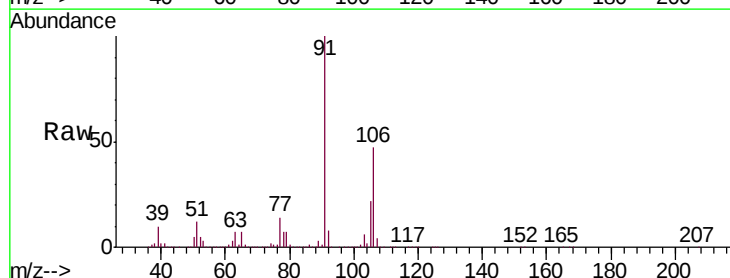
Acq: 01 May 2019 04:08

Tgt Ion: 106 Resp: 1064846

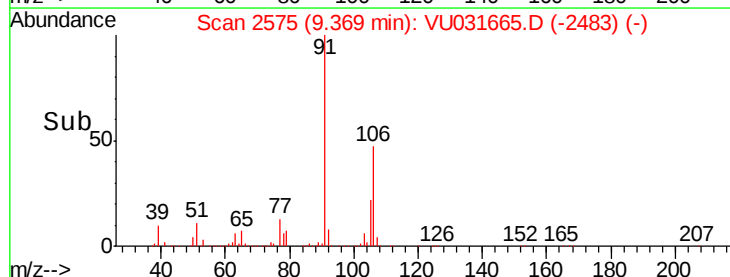
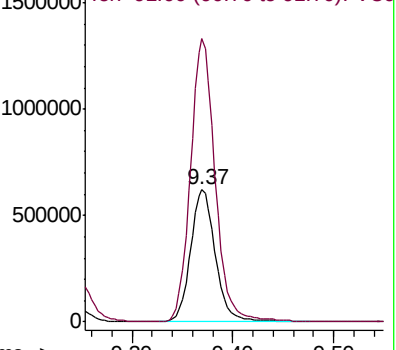
Ion Ratio Lower Upper

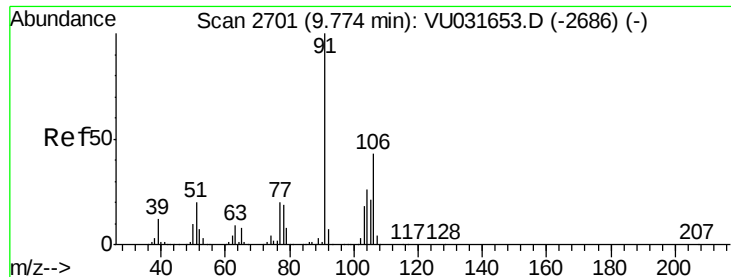
106 100

91 214.1 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): VU031665.D (-2564) (-)

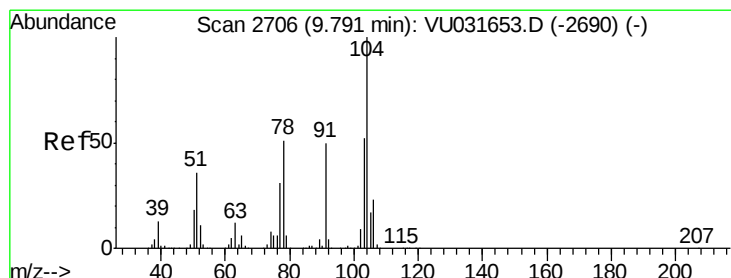
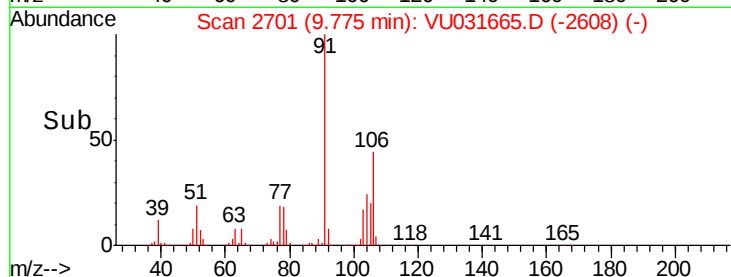
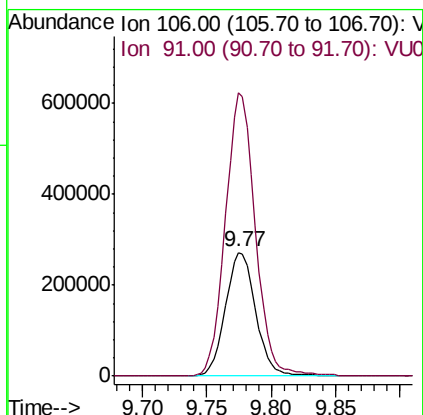
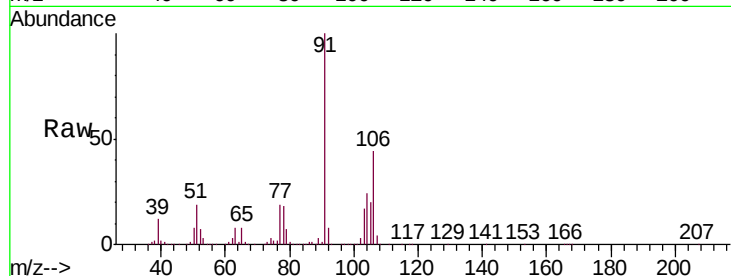




#54
o-xylene
Concen: 35.977 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU031665.D
Acq: 01 May 2019 04:08

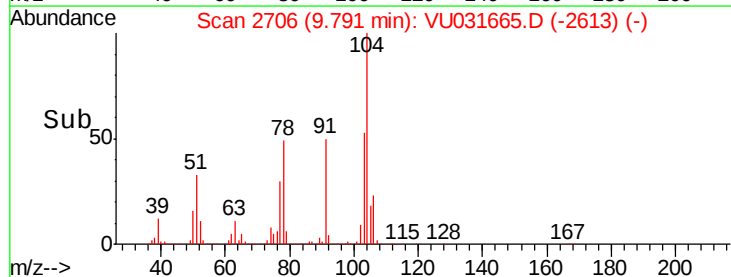
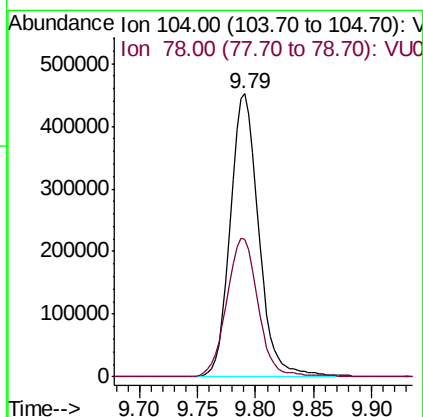
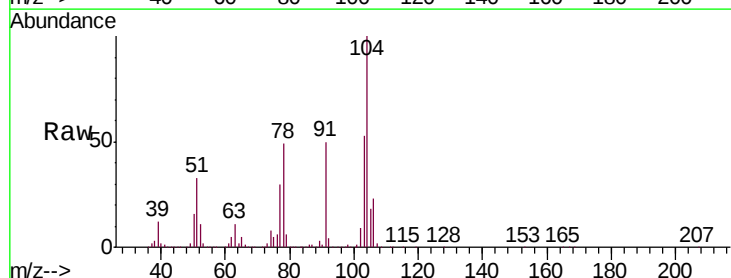
Instrument :
MSVOA_U
ClientSampleId :
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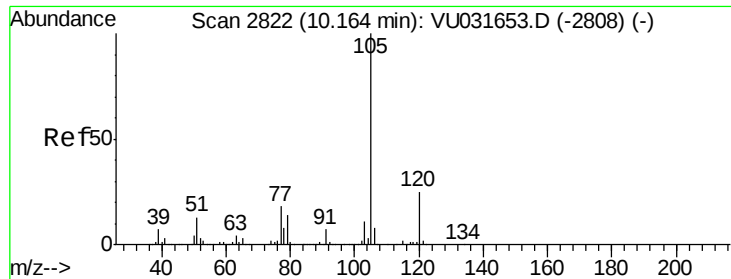
Tgt Ion:106 Resp: 442672
Ion Ratio Lower Upper
106 100
91 229.4 163.2 303.2



#55
Styrene
Concen: 36.396 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU031665.D
Acq: 01 May 2019 04:08

Tgt Ion:104 Resp: 765088
Ion Ratio Lower Upper
104 100
78 48.6 35.4 65.7





#56

Isopropylbenzene

Concen: 0.696 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031665.D

Acq: 01 May 2019 04:08

Instrument :

MSVOA_U

ClientSampleId :

GAJ75

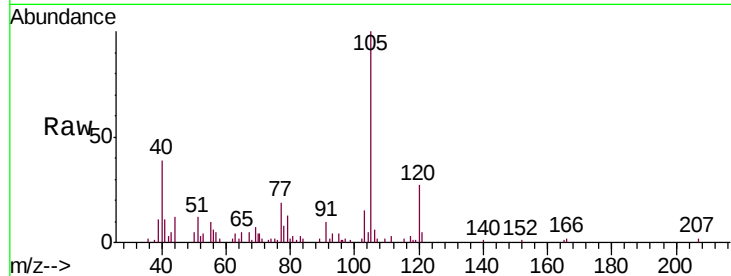
Tgt Ion: 105 Resp: 22514

Ion Ratio Lower Upper

105 100

120 23.1 20.1 30.1

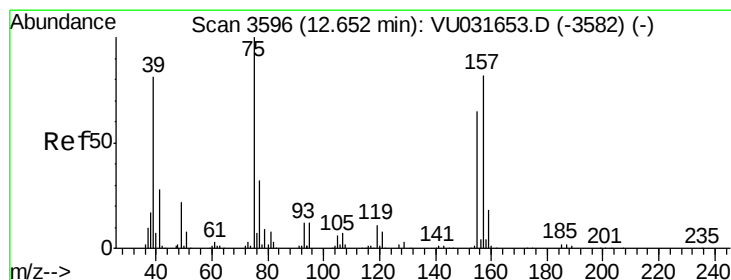
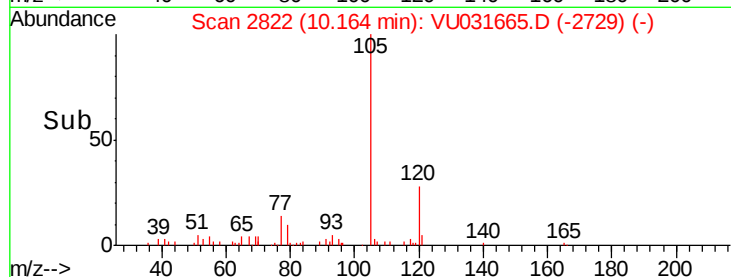
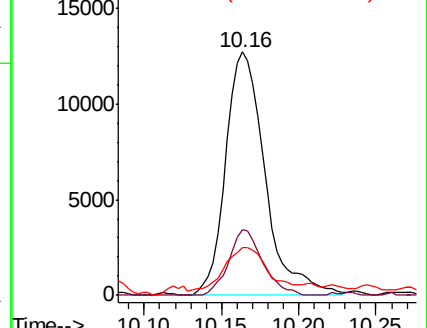
77 19.1 13.8 20.6



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



#66

1,2-Dibromo-3-chloropropane

Concen: 6.411 ug/L

RT: 12.69 min Scan# 3609

Delta R.T. 0.04 min

Lab File: VU031665.D

Acq: 01 May 2019 04:08

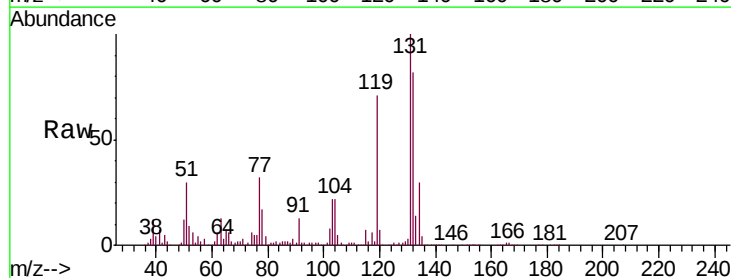
Tgt Ion: 75 Resp: 23323

Ion Ratio Lower Upper

75 100

155 2.2 54.0 81.0#

157 0.0 69.1 103.7#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

