

Data File : VU031712.D
Acq On : 02 May 2019 15:08
Operator : JC/SP
Sample : K2603-19 10X
Misc : 5.06g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ71

Quant Time: May 03 04:42:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1065510	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	994448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	473028	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	307803	34.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.04%
7) Chloroethane-d5	1.68	69	258057	37.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.90%
11) 1,1-Dichloroethene-d2	2.35	63	270	0.02	ug/L	0.08
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.19	46	765529	94.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.75%
24) Chloroform-d	4.64	84	616221	37.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.46%
26) 1,2-Dichloroethane-d4	5.30	65	414173	38.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.64%
32) Benzene-d6	5.33	84	1277475	41.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.66%
36) 1,2-Dichloropropane-d6	6.32	67	450764	41.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.92%
41) Toluene-d8	7.56	98	1110484	41.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.50%
43) trans-1,3-Dichloropropene-	7.85	79	198085	42.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.90%
47) 2-Hexanone-d5	8.31	63	554697	119.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	623729	43.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	420886	42.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.62%

Target Compounds

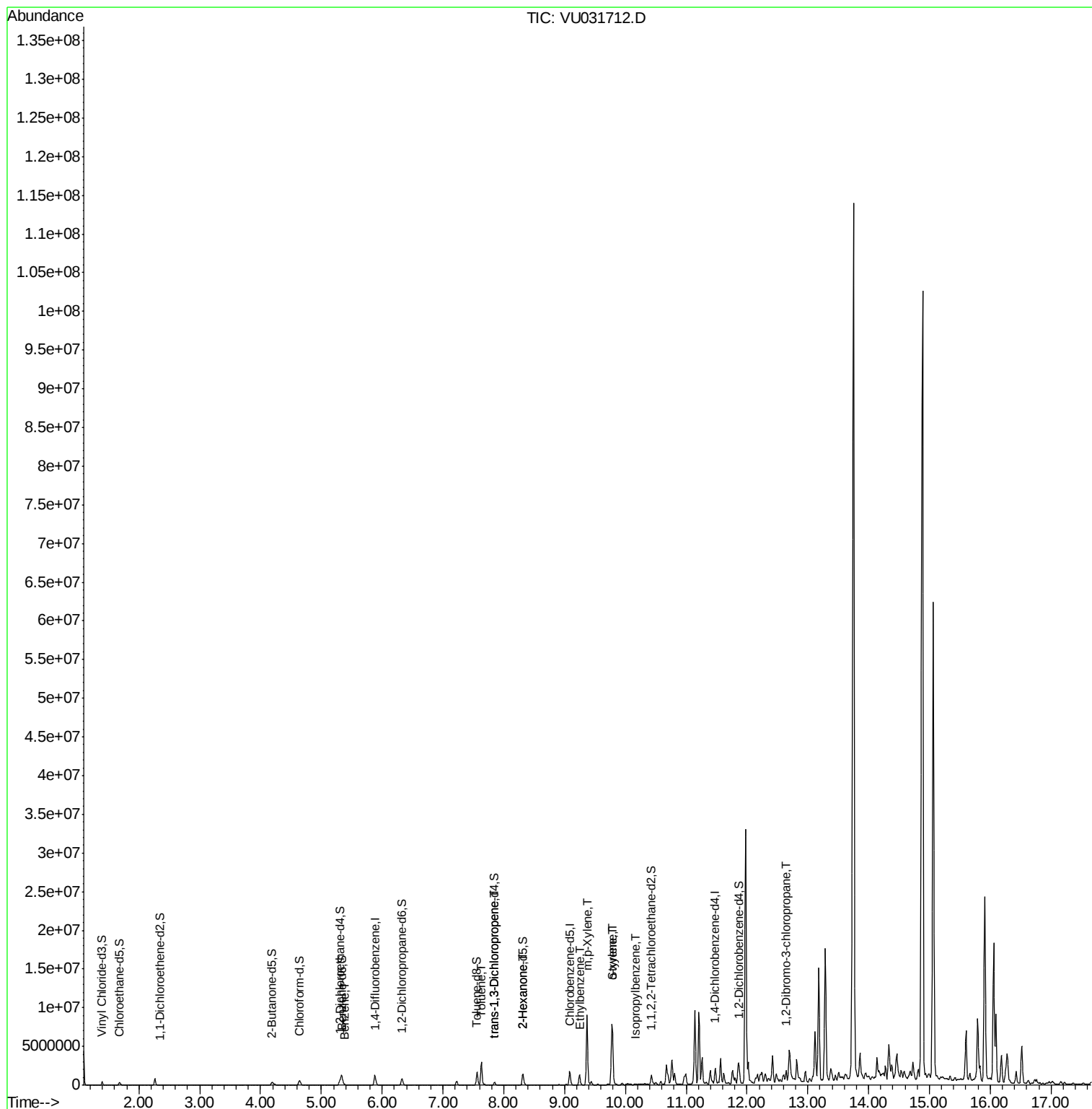
					Qvalue
33) Benzene	5.39	78	41045	1.123	ug/L 100
42) Toluene	7.63	91	2196681	60.315	ug/L 98
44) trans-1,3-Dichloropropene	7.85	75	7402	0.595	ug/L 85
48) 2-Hexanone	8.31	43	70594	5.466	ug/L # 68
52) Ethylbenzene	9.25	91	970371	25.685	ug/L 100
53) m,p-Xylene	9.37	106	2422261	184.023	ug/L 98
54) o-xylene	9.77	106	1178792	90.332	ug/L 95
55) Styrene	9.79	104	2516166	112.858	ug/L 98
56) Isopropylbenzene	10.16	105	68050	1.983	ug/L 99
66) 1,2-Dibromo-3-chloropropan	12.64	75	4640	1.201	ug/L # 18

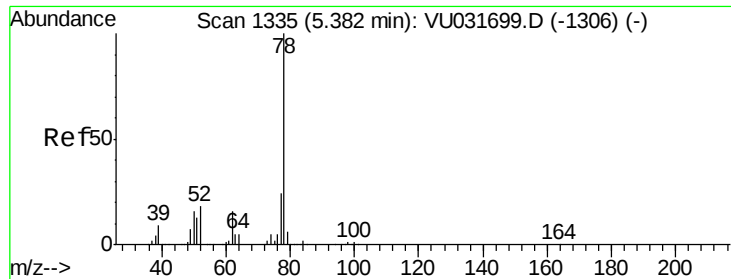
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 1.123 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

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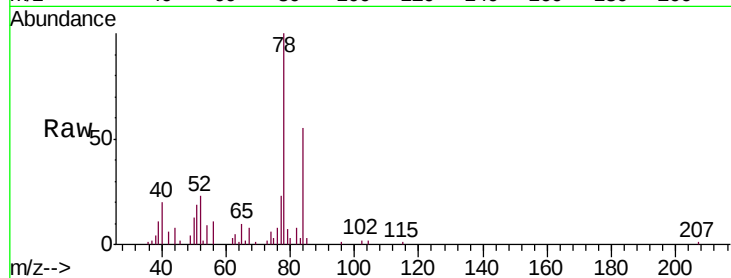
Instrument :

MSVOA_U

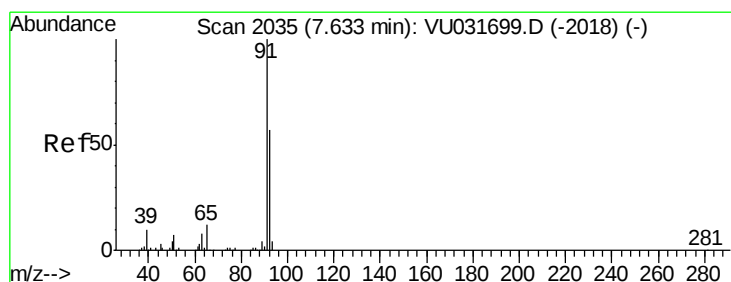
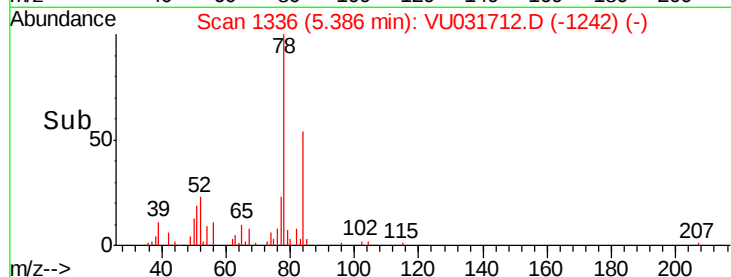
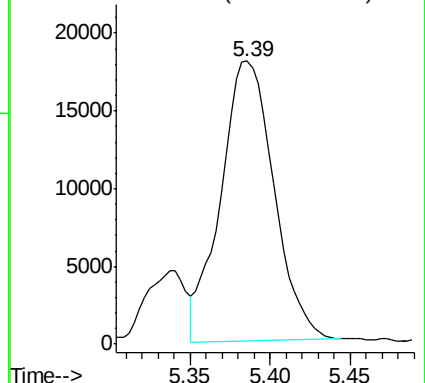
ClientSampleId :

GAJ71

Tgt Ion: 78 Resp: 41045



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 60.315 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031712.D

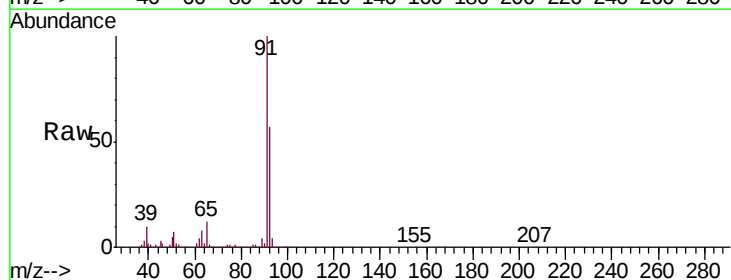
Acq: 02 May 2019 15:08

Tgt Ion: 91 Resp: 2196681

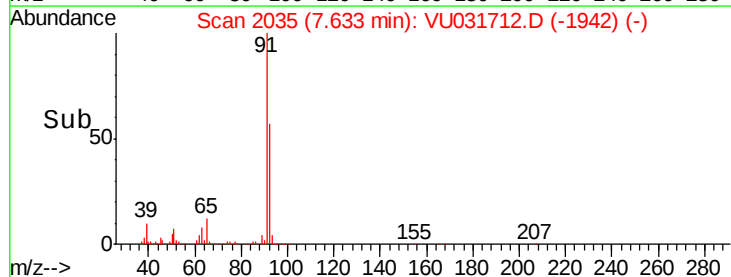
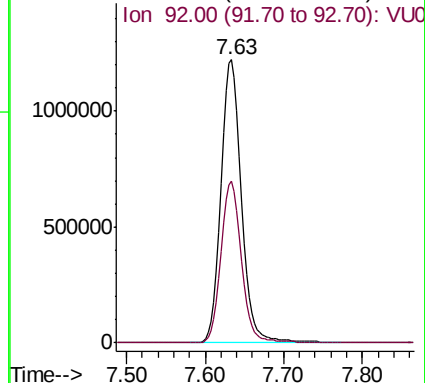
Ion Ratio Lower Upper

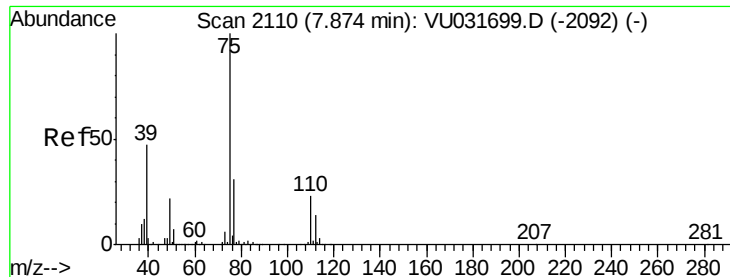
91 100

92 57.1 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.595 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031712.D

Acq: 02 May 2019 15:08

Instrument :

MSVOA_U

ClientSampled :

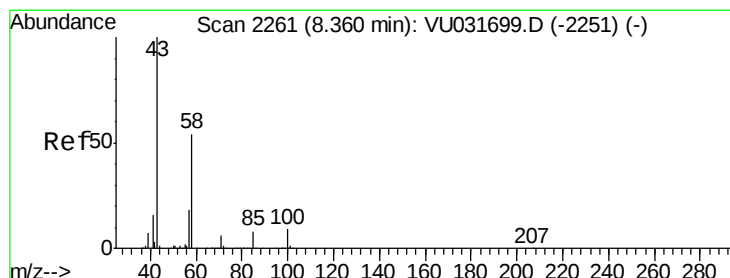
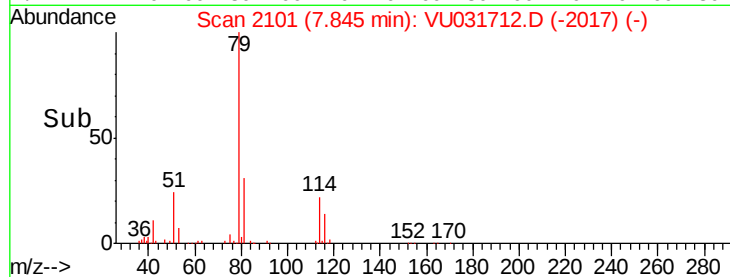
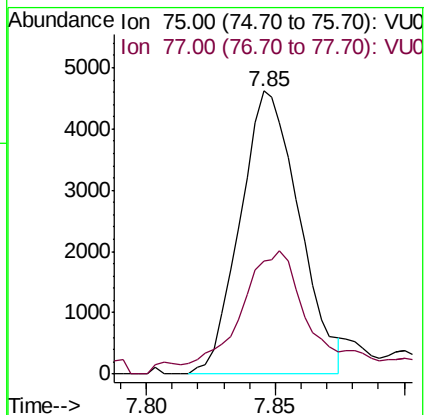
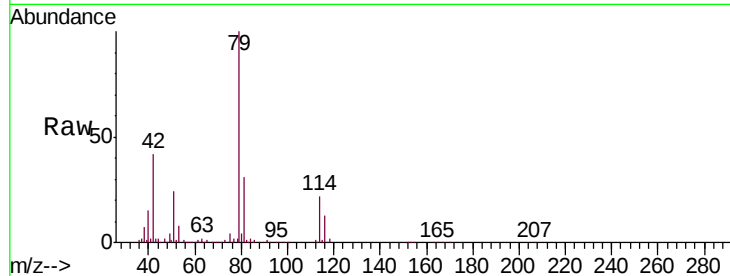
GAJ71

Tgt Ion: 75 Resp: 7402

Ion Ratio Lower Upper

75 100

77 39.8 22.1 41.1



#48

2-Hexanone

Concen: 5.466 ug/L

RT: 8.31 min Scan# 2247

Delta R.T. -0.05 min

Lab File: VU031712.D

Acq: 02 May 2019 15:08

Tgt Ion: 43 Resp: 70594

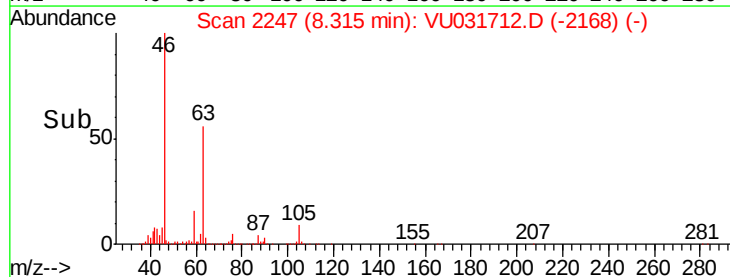
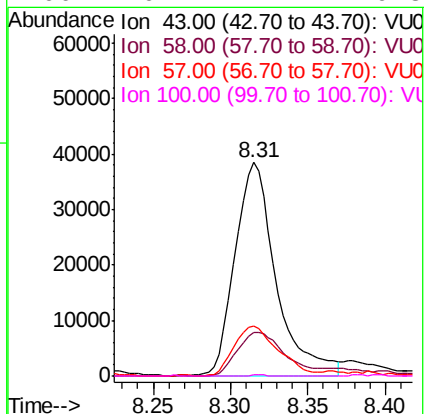
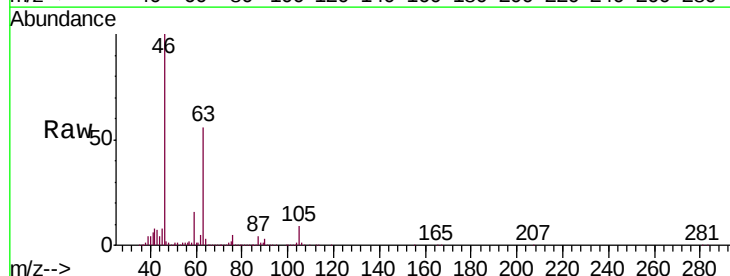
Ion Ratio Lower Upper

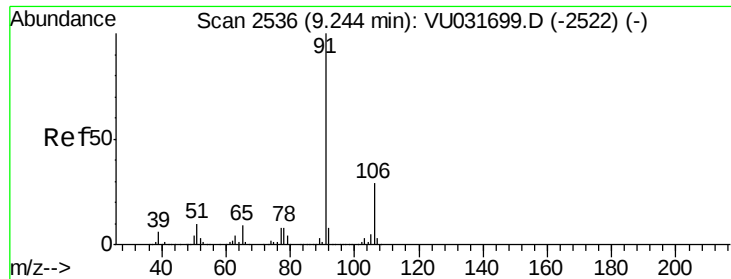
43 100

58 24.7 42.1 63.1#

57 25.2 14.6 22.0#

100 0.1 7.2 10.8#





#52

Ethylbenzene

Concen: 25.685 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU031712.D

Acq: 02 May 2019 15:08

Instrument :

MSVOA_U

ClientSampleId :

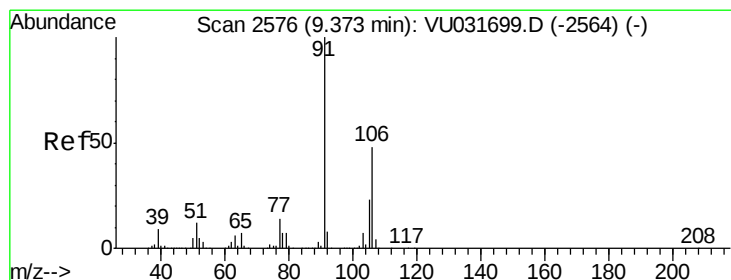
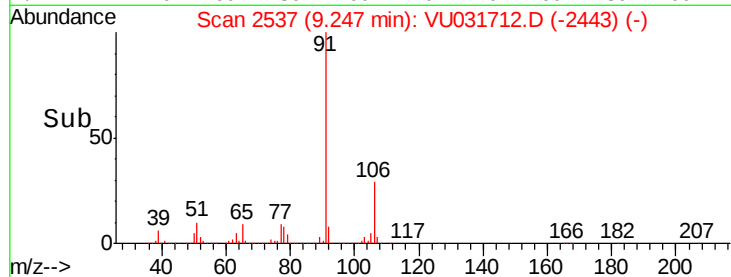
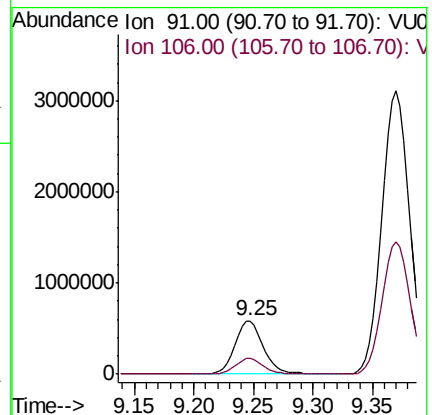
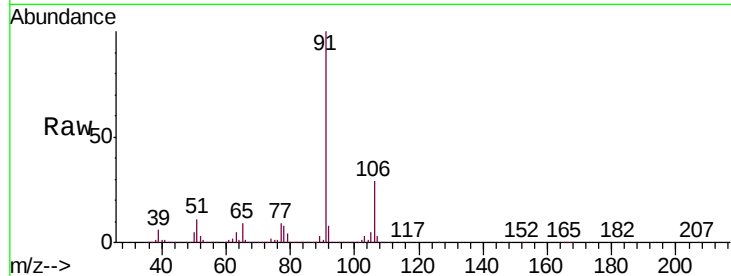
GAJ71

Tgt Ion: 91 Resp: 970371

Ion Ratio Lower Upper

91 100

106 29.2 20.4 37.8



#53

m,p-Xylene

Concen: 184.023 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU031712.D

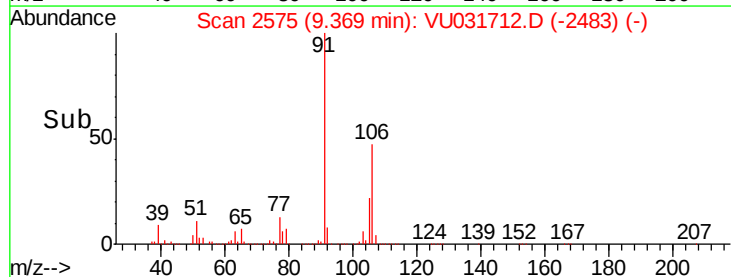
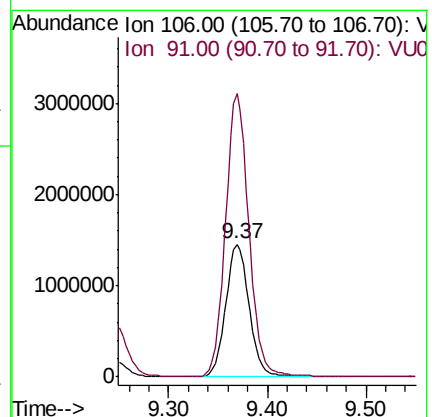
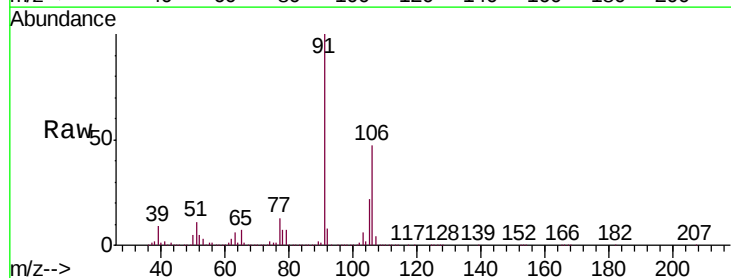
Acq: 02 May 2019 15:08

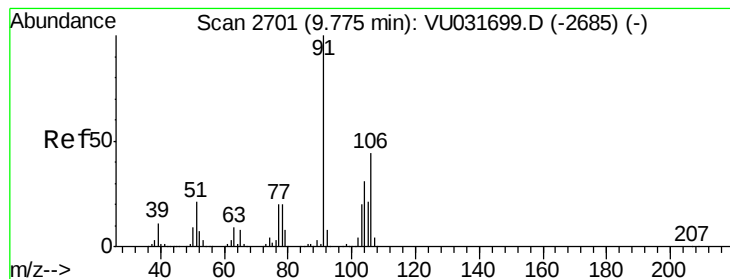
Tgt Ion: 106 Resp: 2422261

Ion Ratio Lower Upper

106 100

91 213.9 152.2 282.6





#54

o-xylene

Concen: 90.332 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU031712.D

Acq: 02 May 2019 15:08

Instrument :

MSVOA_U

ClientSampleId :

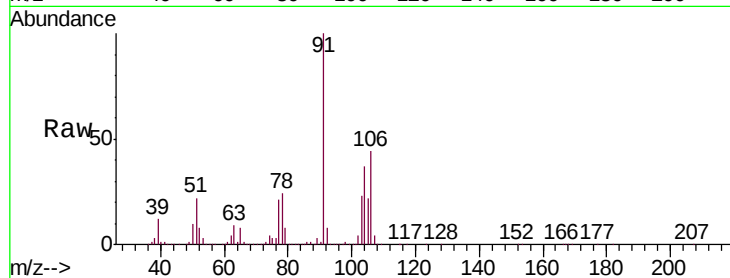
GAJ71

Tgt Ion:106 Resp: 1178792

Ion Ratio Lower Upper

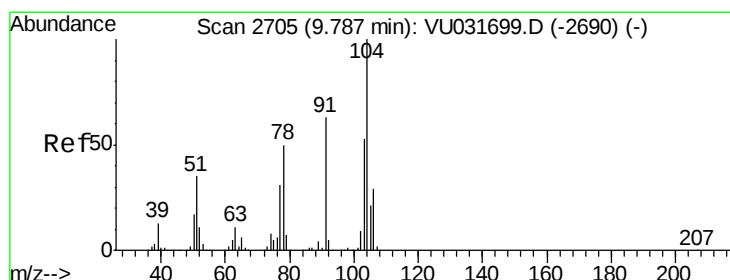
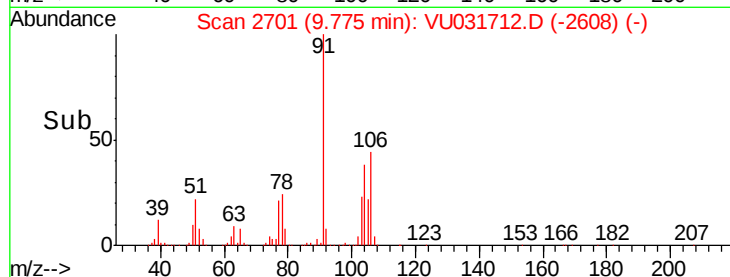
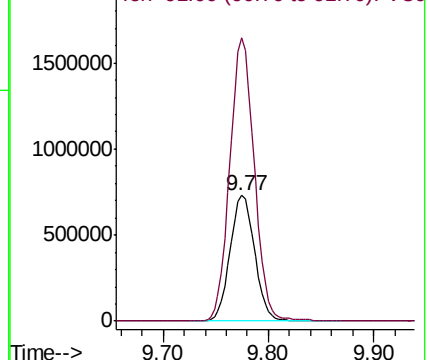
106 100

91 225.3 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 112.858 ug/L

RT: 9.79 min Scan# 2705

Delta R.T. 0.00 min

Lab File: VU031712.D

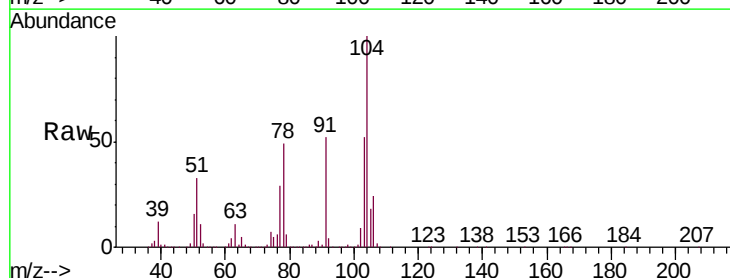
Acq: 02 May 2019 15:08

Tgt Ion:104 Resp: 2516166

Ion Ratio Lower Upper

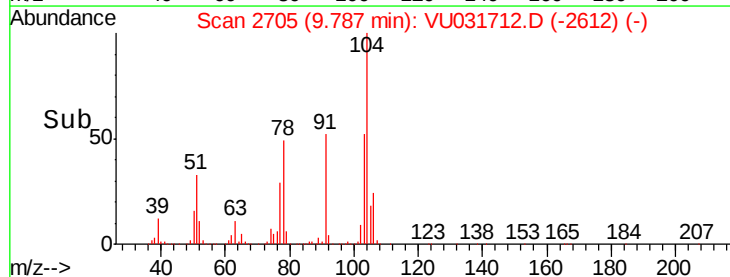
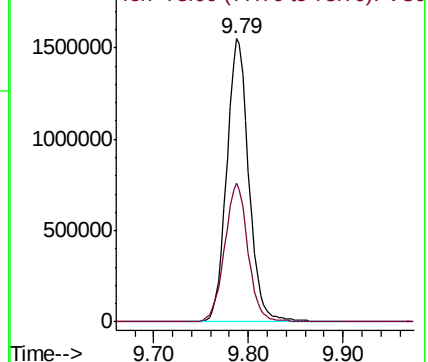
104 100

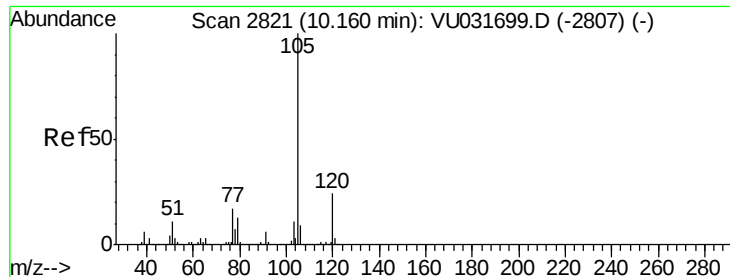
78 48.8 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 1.983 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031712.D

Acq: 02 May 2019 15:08

Instrument :

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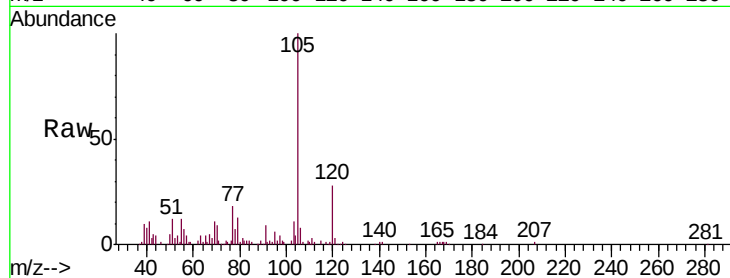
Tgt Ion: 105 Resp: 68050

Ion Ratio Lower Upper

105 100

120 26.0 20.1 30.1

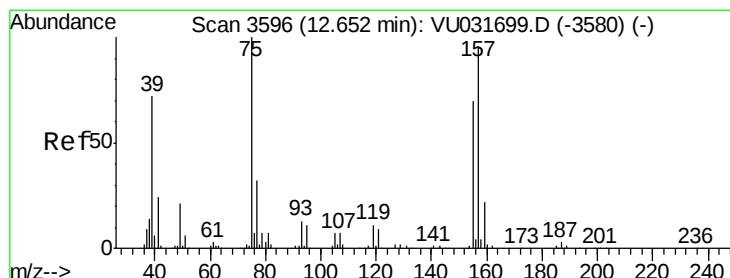
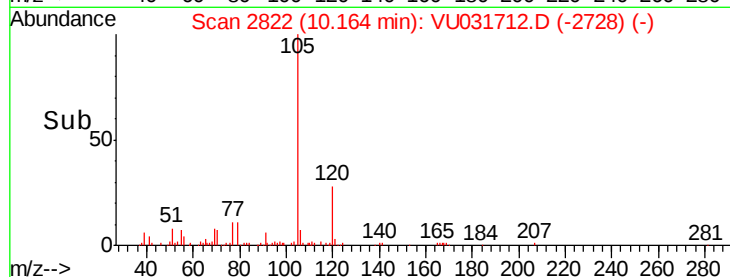
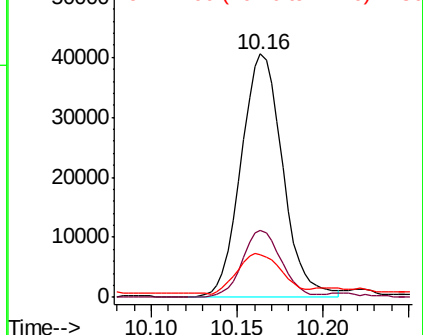
77 17.2 13.8 20.6



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: 1.201 ug/L

RT: 12.64 min Scan# 3592

Delta R.T. -0.01 min

Lab File: VU031712.D

Acq: 02 May 2019 15:08

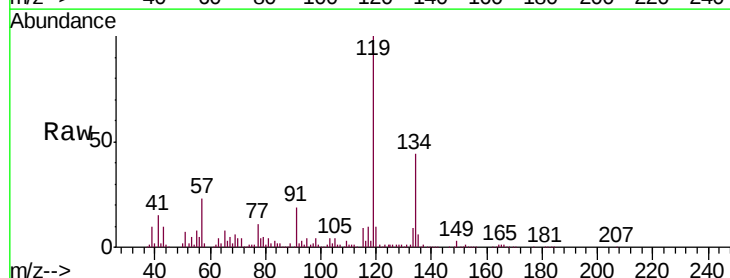
Tgt Ion: 75 Resp: 4640

Ion Ratio Lower Upper

75 100

155 13.6 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

