

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031260.D
 Acq On : 17 Apr 2019 15:24
 Operator : JC/SP
 Sample : K2402-10DL 50X
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHJODL

Quant Time: Apr 18 04:54:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	620572	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	593734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	298869	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	176311	30.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.70%
7) Chloroethane-d5	1.68	69	157209	31.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.36%#
11) 1,1-Dichloroethene-d2	2.27	63	269900	23.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.68%#
21) 2-Butanone-d5	4.18	46	300979	72.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.31%
24) Chloroform-d	4.64	84	308902	32.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.78%#
26) 1,2-Dichloroethane-d4	5.31	65	195570	33.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.60%#
32) Benzene-d6	5.34	84	638237	34.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.00%#
36) 1,2-Dichloropropane-d6	6.32	67	213532	35.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	70.10%
41) Toluene-d8	7.56	98	589427	35.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.38%#
43) trans-1,3-Dichloropropene-	7.85	79	101079	34.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.42%
47) 2-Hexanone-d5	8.31	63	219958	76.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294097	34.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	69.56%
64) 1,2-Dichlorobenzene-d4	11.85	152	243948	35.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.18%#

Target Compounds

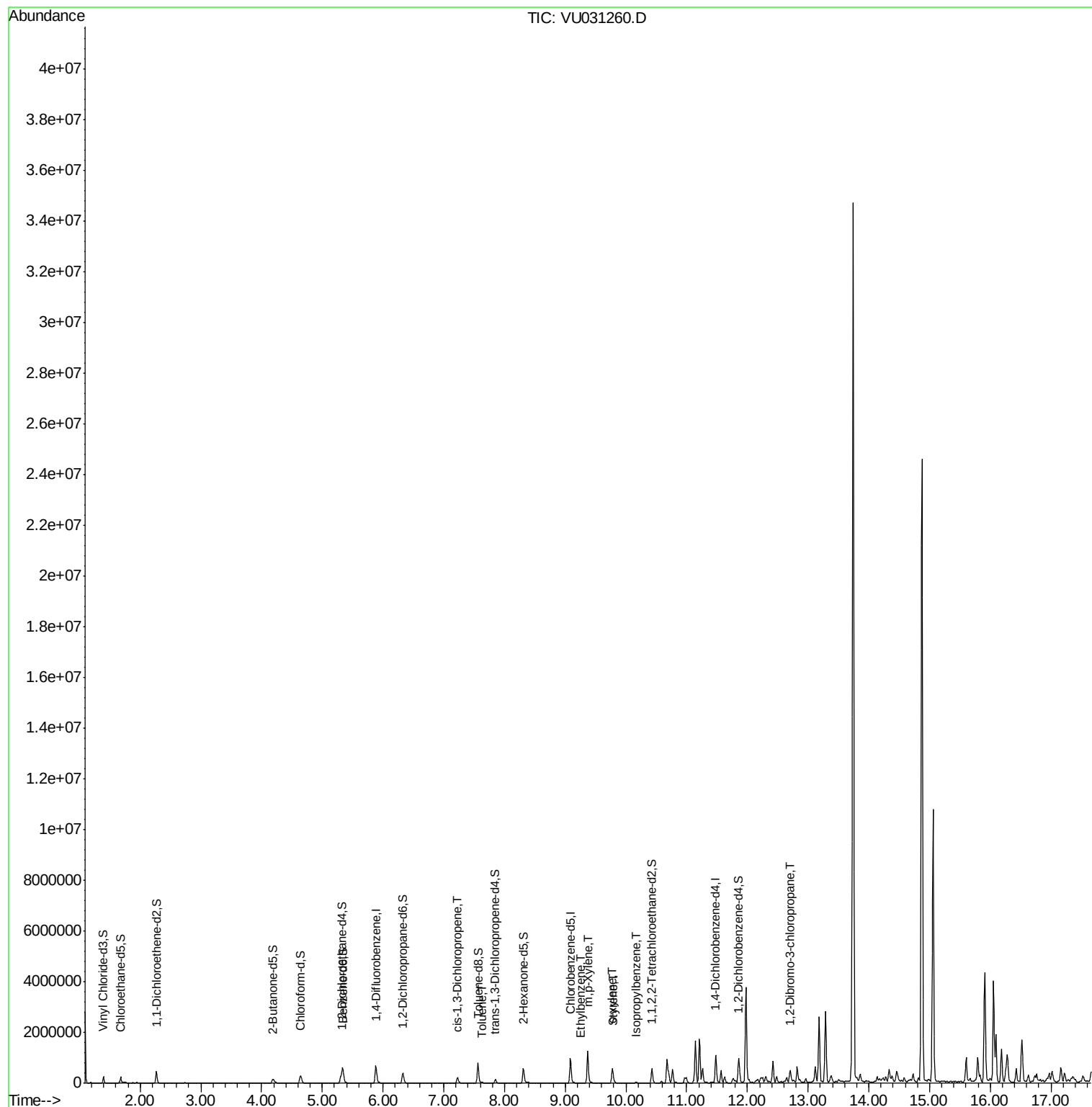
					Qvalue
39) cis-1,3-Dichloropropene	7.23	75	5920	0.747 ug/L	91
42) Toluene	7.64	91	7847	0.395 ug/L	87
52) Ethylbenzene	9.25	91	11299	0.522 ug/L	95
53) m,p-Xylene	9.37	106	379197	49.689 ug/L	100
54) o-xylene	9.77	106	153435	19.854 ug/L	98
55) Styrene	9.79	104	76225	5.843 ug/L	97
56) Isopropylbenzene	10.16	105	34149	1.724 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.71	75	5720	2.886 ug/L #	1

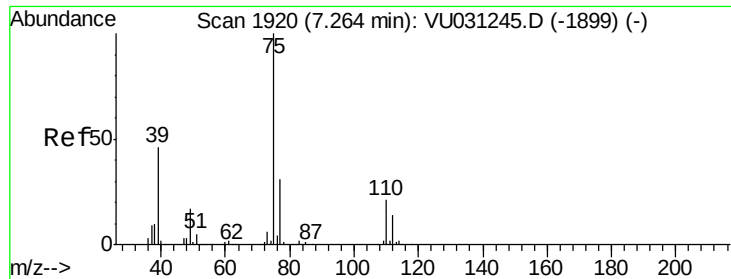
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GAHJ0DL

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QLast Update : Thu Apr 18 04:50:11 2019
Response via : Initial Calibration

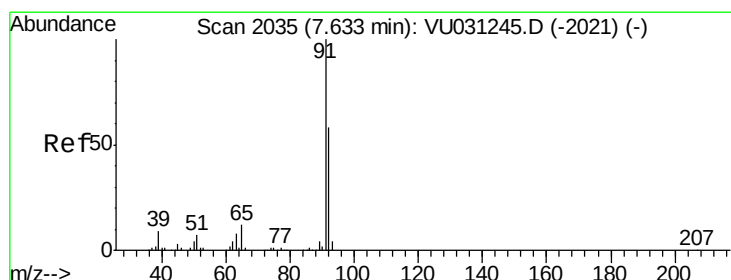
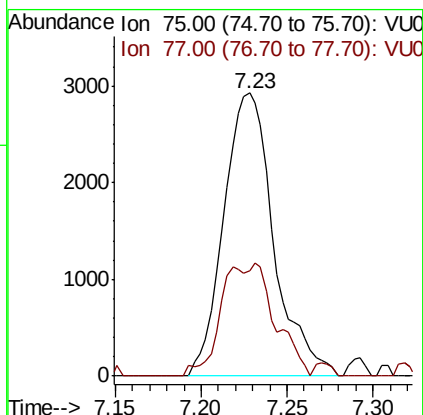
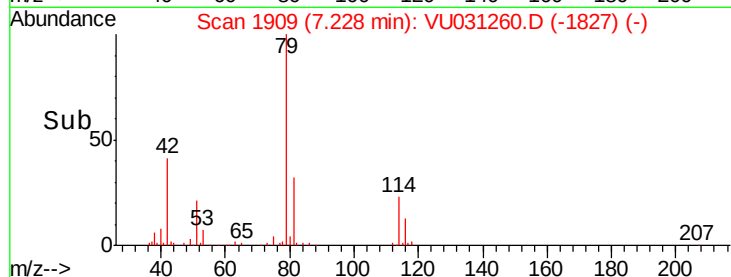
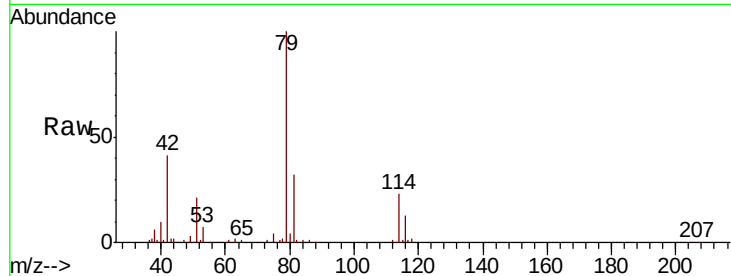




#39
 cis-1,3-Dichloropropene
 Concen: 0.747 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU031260.D
 Acq: 17 Apr 2019 15:24

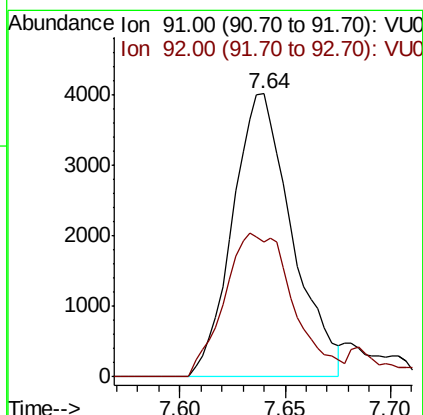
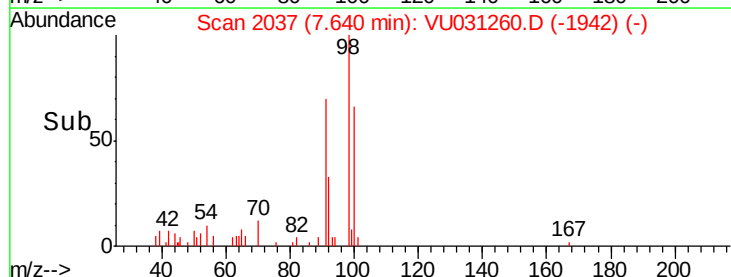
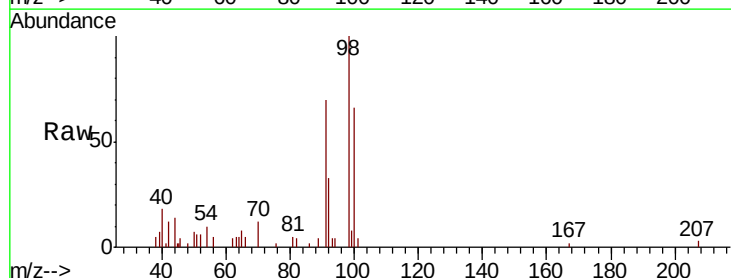
Instrument :
 MSVOA_U
 ClientSampleId :
 GAHJ0DL

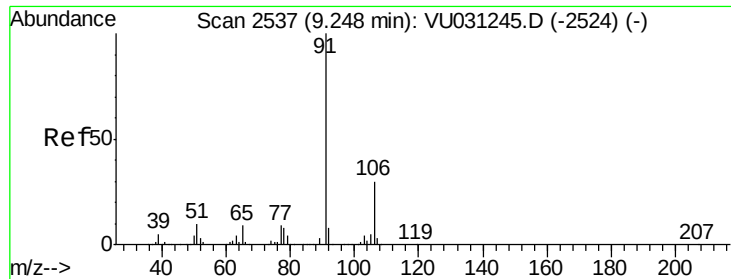
Tgt Ion: 75 Resp: 5920
 Ion Ratio Lower Upper
 75 100
 77 37.5 22.7 42.1



#42
 Toluene
 Concen: 0.395 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VU031260.D
 Acq: 17 Apr 2019 15:24

Tgt Ion: 91 Resp: 7847
 Ion Ratio Lower Upper
 91 100
 92 47.5 40.1 74.5





#52

Ethylbenzene

Concen: 0.522 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU031260.D

Acq: 17 Apr 2019 15:24

Instrument :

MSVOA_U

ClientSampleId :

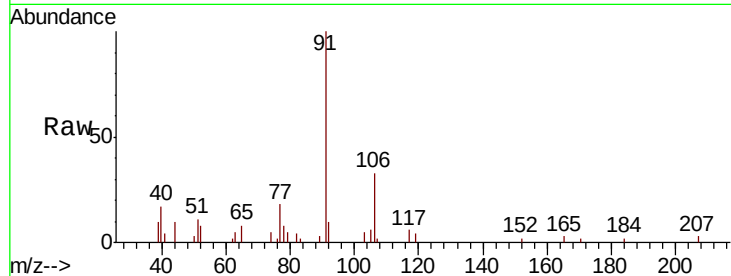
GAHJ0DL

Tgt Ion: 91 Resp: 11299

Ion Ratio Lower Upper

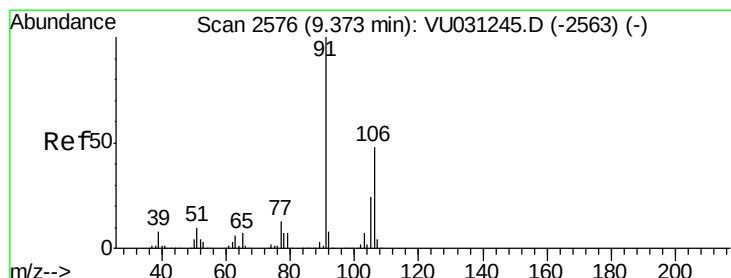
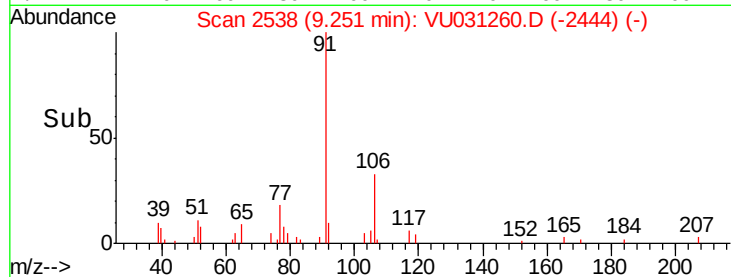
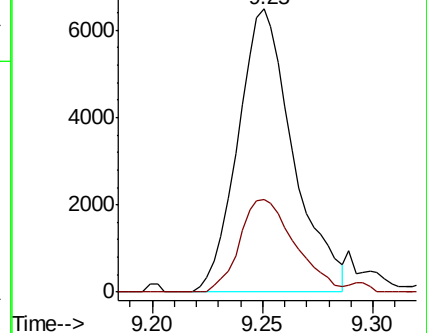
91 100

106 32.7 20.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VU031245.D (-2524) (-)

Ion 106.00 (105.70 to 106.70): VU031245.D (-2524) (-)



#53

m,p-Xylene

Concen: 49.689 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU031260.D

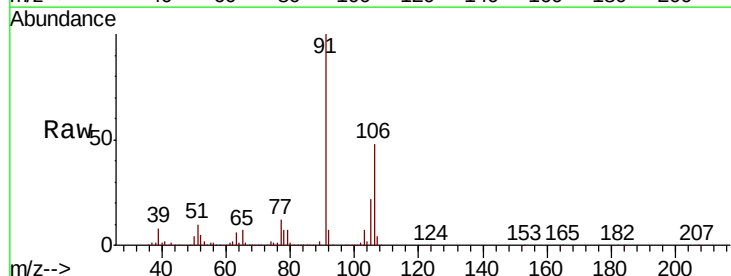
Acq: 17 Apr 2019 15:24

Tgt Ion: 106 Resp: 379197

Ion Ratio Lower Upper

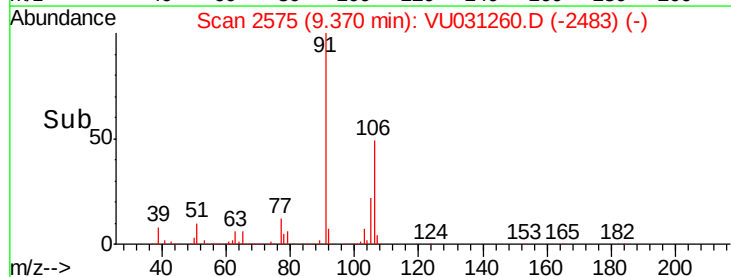
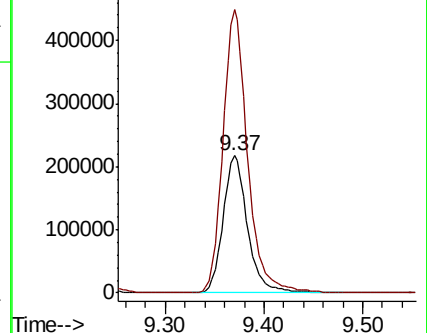
106 100

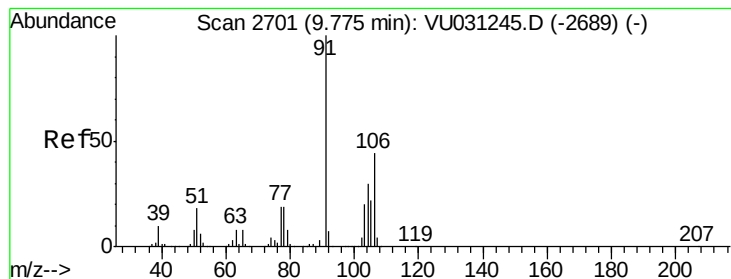
91 206.3 144.5 268.4



Abundance Ion 106.00 (105.70 to 106.70): VU031245.D (-2563) (-)

Ion 91.00 (90.70 to 91.70): VU031245.D (-2563) (-)





#54

o-xylene

Concen: 19.854 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU031260.D

Acq: 17 Apr 2019 15:24

Instrument :

MSVOA_U

ClientSampleId :

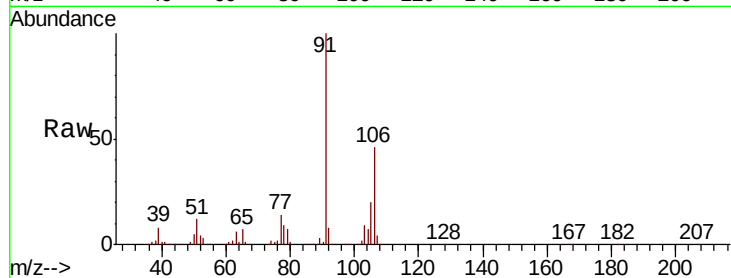
GAHJ0DL

Tgt Ion:106 Resp: 153435

Ion Ratio Lower Upper

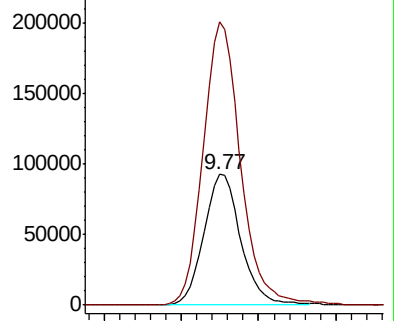
106 100

91 217.0 154.3 286.5

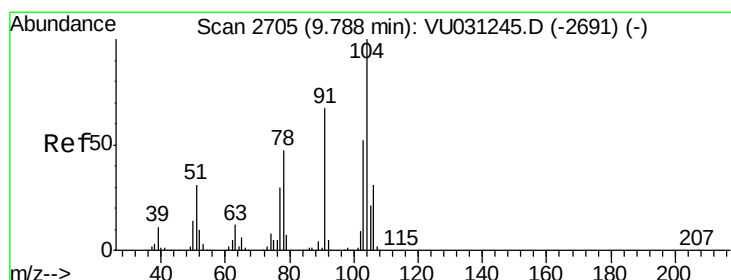
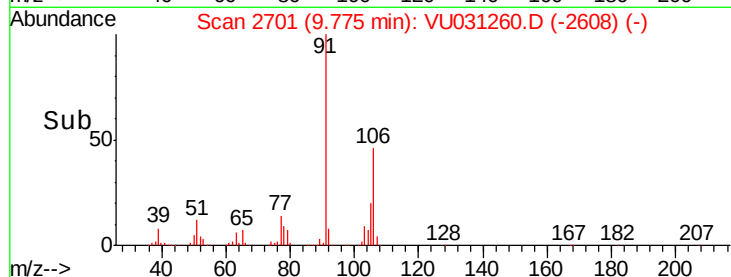


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time--> 9.70 9.75 9.80 9.85



#55

Styrene

Concen: 5.843 ug/L

RT: 9.79 min Scan# 2707

Delta R.T. 0.01 min

Lab File: VU031260.D

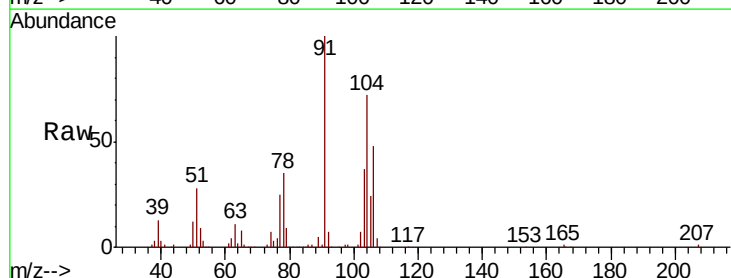
Acq: 17 Apr 2019 15:24

Tgt Ion:104 Resp: 76225

Ion Ratio Lower Upper

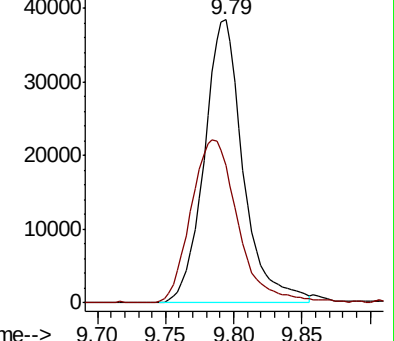
104 100

78 48.7 32.8 61.0

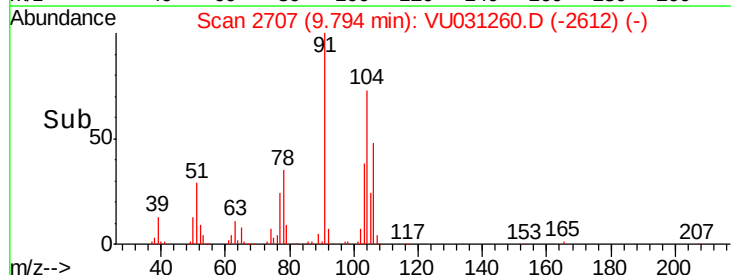


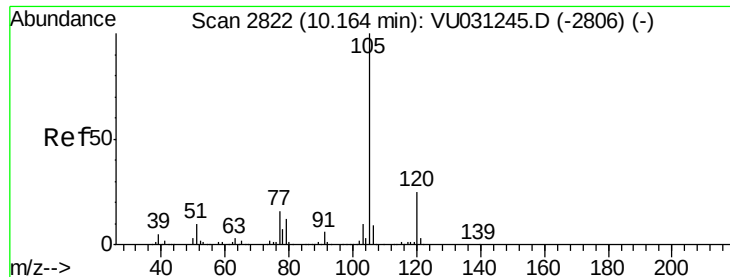
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0



Time--> 9.70 9.75 9.80 9.85





#56

Isopropylbenzene

Concen: 1.724 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU031260.D

Acq: 17 Apr 2019 15:24

Instrument :

MSVOA_U

ClientSampleId :

GAHJ0DL

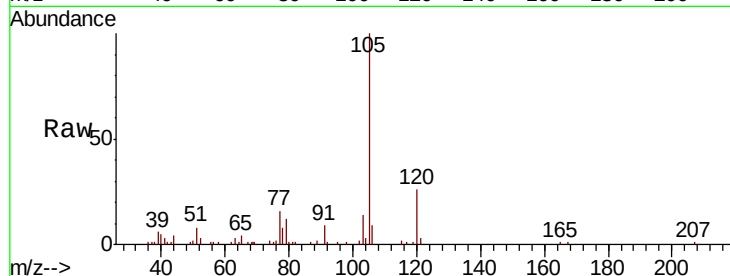
Tgt Ion:105 Resp: 34149

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

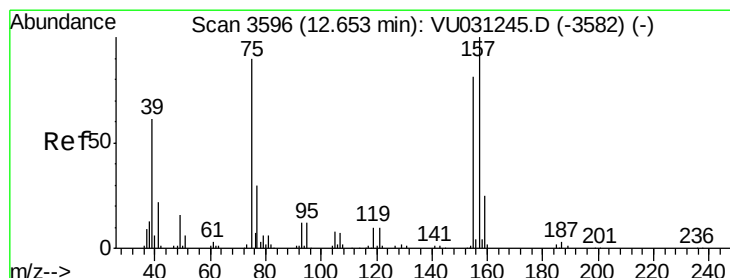
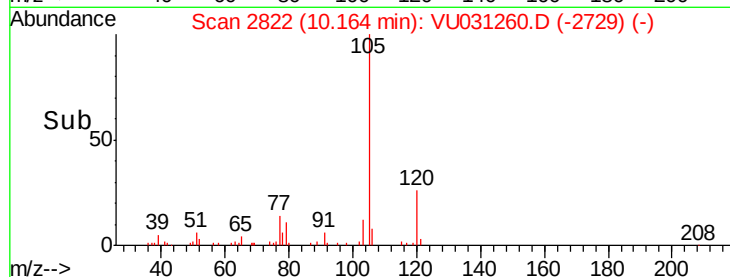
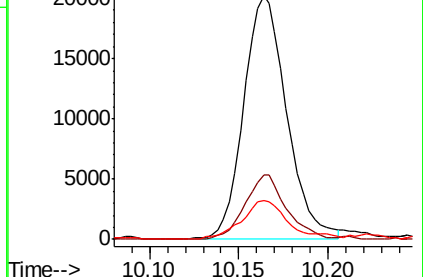
77 16.3 13.0 19.4



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: 2.886 ug/L

RT: 12.71 min Scan# 3614

Delta R.T. 0.06 min

Lab File: VU031260.D

Acq: 17 Apr 2019 15:24

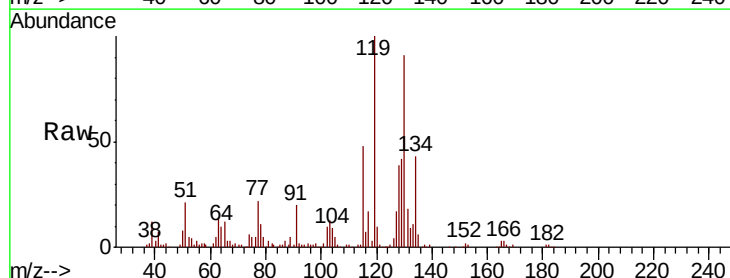
Tgt Ion: 75 Resp: 5720

Ion Ratio Lower Upper

75 100

155 0.0 66.7 100.1#

157 0.0 86.5 129.7#



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

