

Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

Quant Time: May 01 04:46:14 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	2025632	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1917461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	903094	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	511411	30.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.34%
7) Chloroethane-d5	1.68	69	354863	27.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	54.18%#
11) 1,1-Dichloroethene-d2	2.25	63	791282	23.44	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.88%#
21) 2-Butanone-d5	4.20	46	1016271	66.16	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.16%
24) Chloroform-d	4.64	84	921100	29.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.34%#
26) 1,2-Dichloroethane-d4	5.31	65	647141	31.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.80%#
32) Benzene-d6	5.33	84	1873712	31.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.64%#
36) 1,2-Dichloropropane-d6	6.33	67	685228	33.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	66.16%#
41) Toluene-d8	7.56	98	1624436	31.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	63.36%#
43) trans-1,3-Dichloropropene-	7.85	79	288509	32.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.88%
47) 2-Hexanone-d5	8.34	63	720988	80.41	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.41%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	850124	30.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	61.16%#
64) 1,2-Dichlorobenzene-d4	11.86	152	582554	30.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	61.34%#

Target Compounds

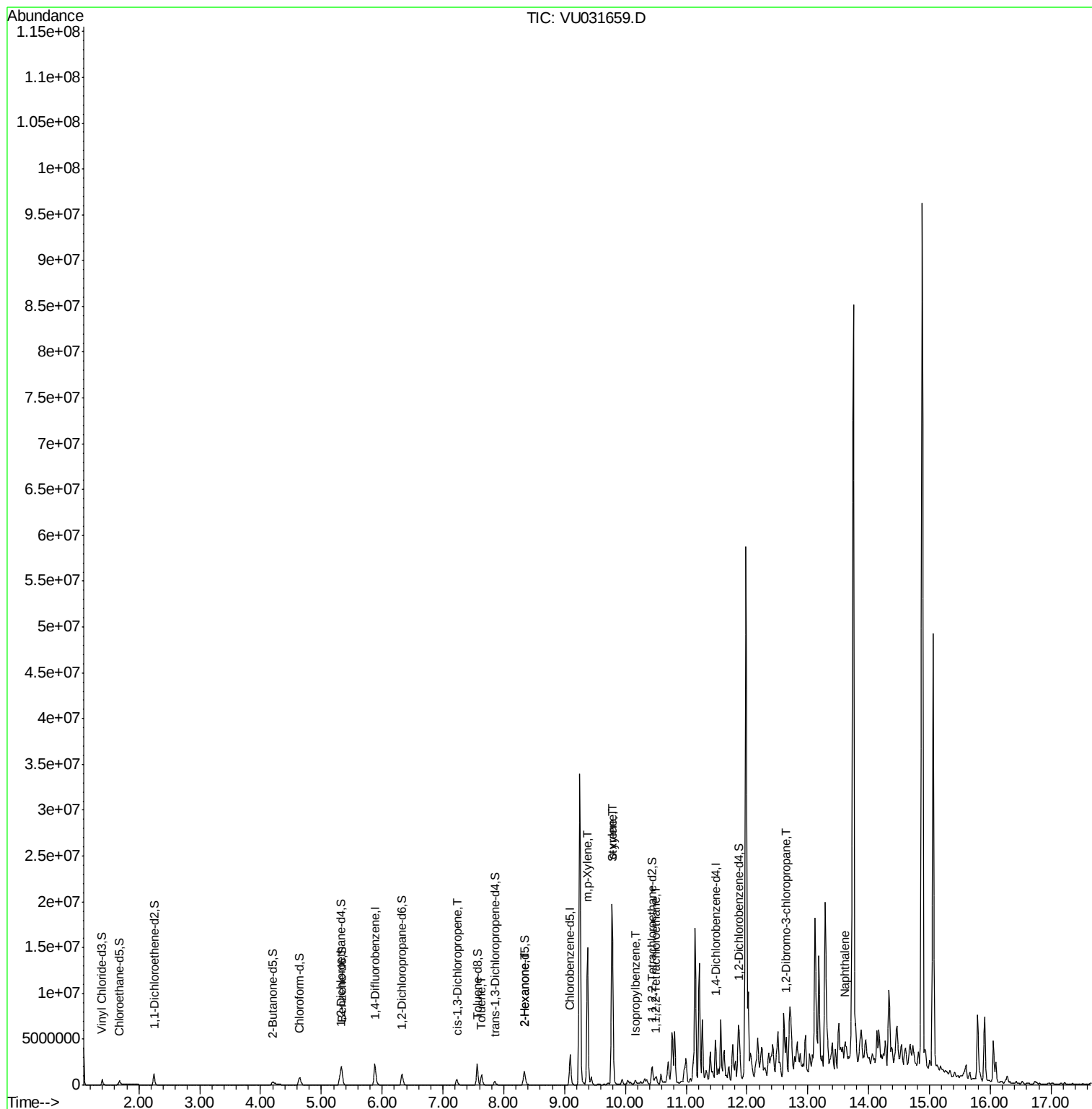
					Qvalue
39) cis-1,3-Dichloropropene	7.23	75	16432	0.621 ug/L #	69
42) Toluene	7.64	91	904499	12.880 ug/L	98
48) 2-Hexanone	8.34	43	100130	4.021 ug/L #	66
53) m,p-Xylene	9.38	106	4156974	163.789 ug/L	100
54) o-xylene	9.78	106	4597816	182.730 ug/L	100
55) Styrene	9.79	104	2335860	54.337 ug/L	82
56) Isopropylbenzene	10.17	105	240830	3.640 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.49	83	34293	1.171 ug/L #	32
66) 1,2-Dibromo-3-chloropropan	12.65	75	10413	1.412 ug/L #	28
69) Naphthalene	13.61	128	149549	2.475 ug/L #	1

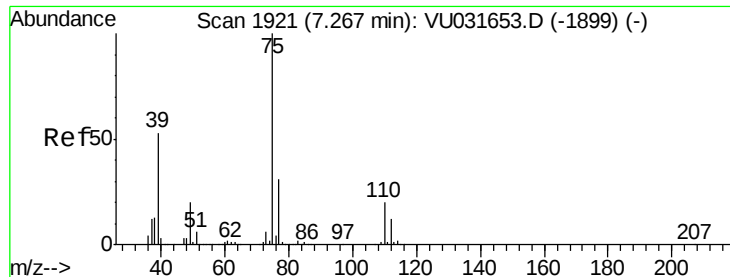
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#39

cis-1,3-Dichloropropene

Concen: 0.621 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU031659.D

Acq: 01 May 2019 01:48

Instrument :

MSVOA_U

ClientSampleId :

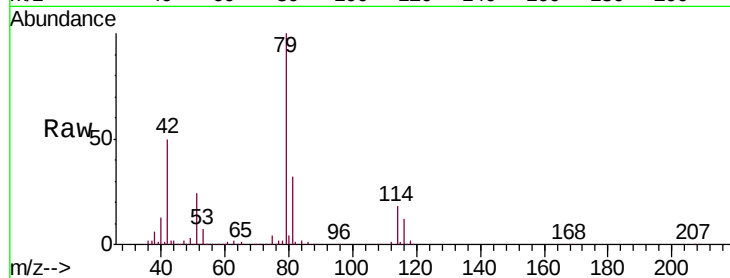
GAJ86

Tgt Ion: 75 Resp: 16432

Ion Ratio Lower Upper

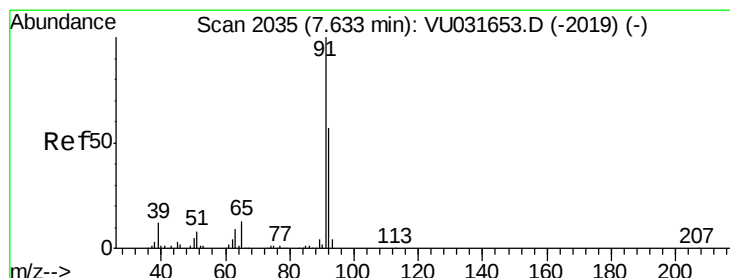
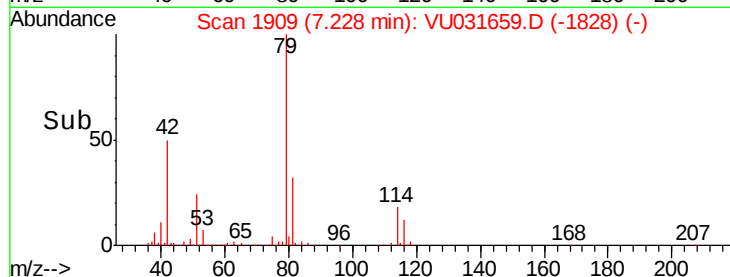
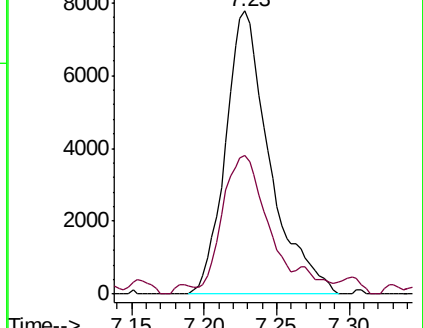
75 100

77 48.8 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031659.D (-1899) (-)

Ion 77.00 (76.70 to 77.70): VU031659.D (-1899) (-)



#42

Toluene

Concen: 12.880 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031659.D

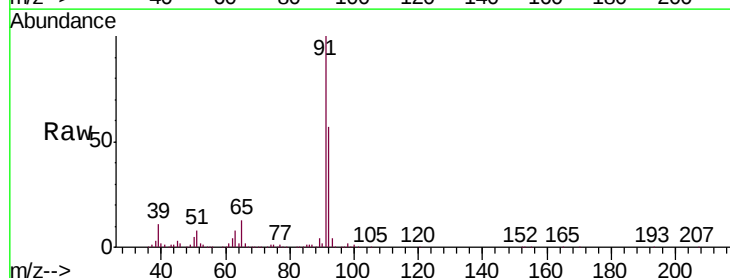
Acq: 01 May 2019 01:48

Tgt Ion: 91 Resp: 904499

Ion Ratio Lower Upper

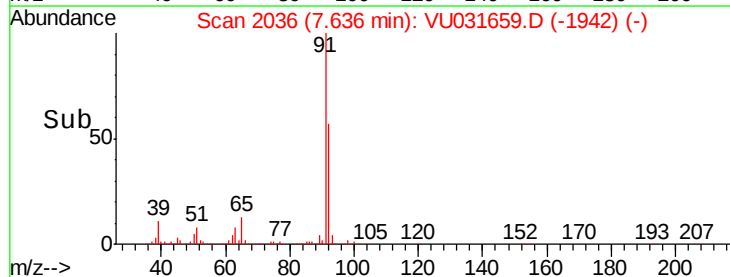
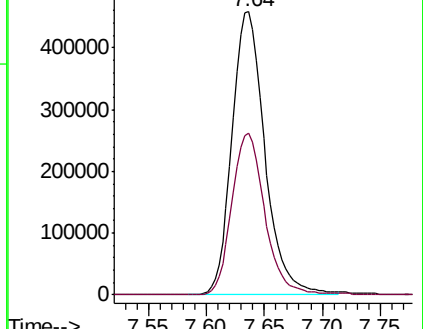
91 100

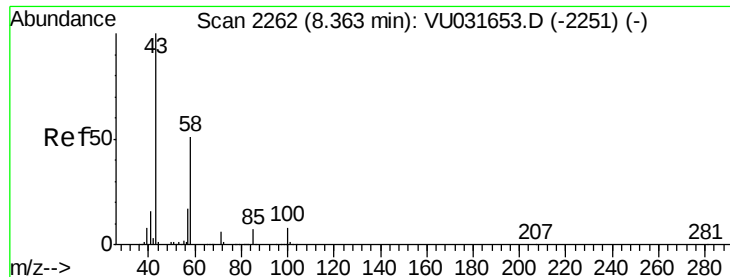
92 57.0 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU031659.D (-1942) (-)

Ion 92.00 (91.70 to 92.70): VU031659.D (-1942) (-)

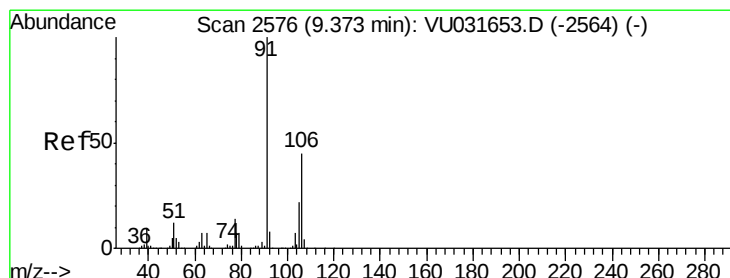
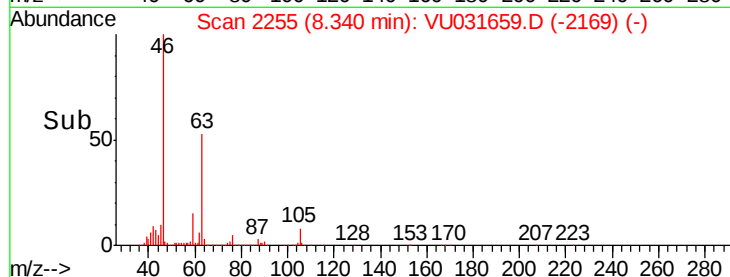
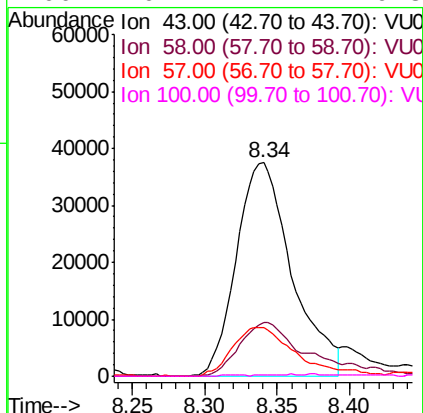
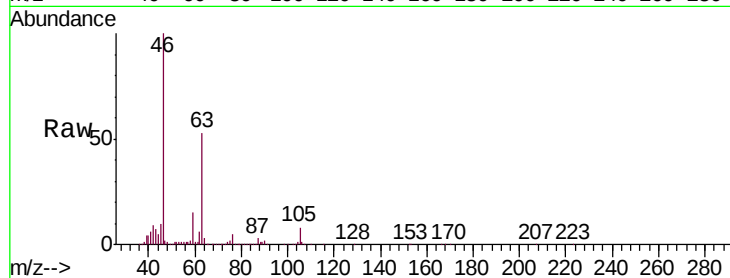




#48
2-Hexanone
Concen: 4.021 ug/L
RT: 8.34 min Scan# 2255
Delta R.T. -0.02 min
Lab File: VU031659.D
Acq: 01 May 2019 01:48

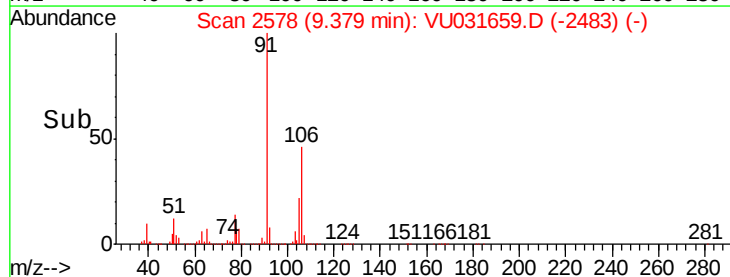
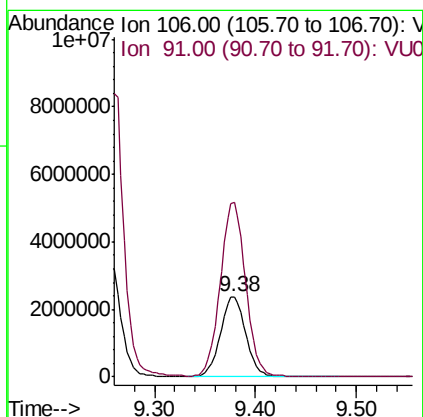
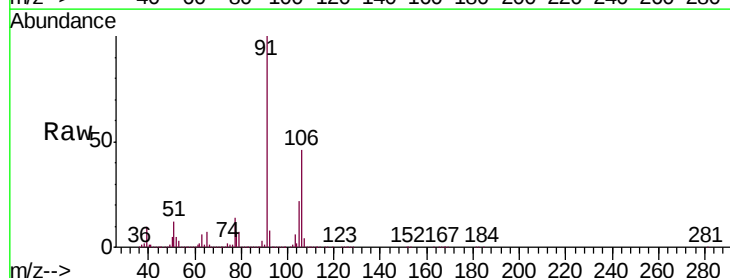
Instrument :
MSVOA_U
ClientSampleId :
GAJ86

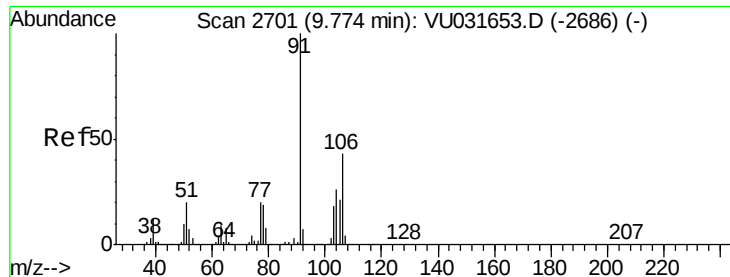
Tgt Ion: 43 Resp: 100130
Ion Ratio Lower Upper
43 100
58 22.2 42.1 63.1#
57 24.8 14.6 22.0#
100 0.1 7.2 10.8#



#53
m,p-Xylene
Concen: 163.789 ug/L
RT: 9.38 min Scan# 2578
Delta R.T. 0.01 min
Lab File: VU031659.D
Acq: 01 May 2019 01:48

Tgt Ion: 106 Resp: 4156974
Ion Ratio Lower Upper
106 100
91 217.1 152.2 282.6





#54

o-xylene

Concen: 182.730 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU031659.D

Acq: 01 May 2019 01:48

Instrument :

MSVOA_U

ClientSampleId :

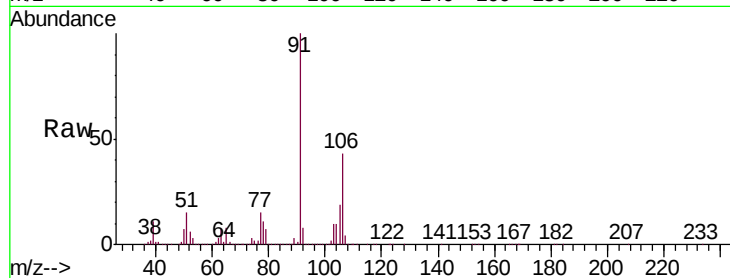
GAJ86

Tgt Ion:106 Resp: 4597816

Ion Ratio Lower Upper

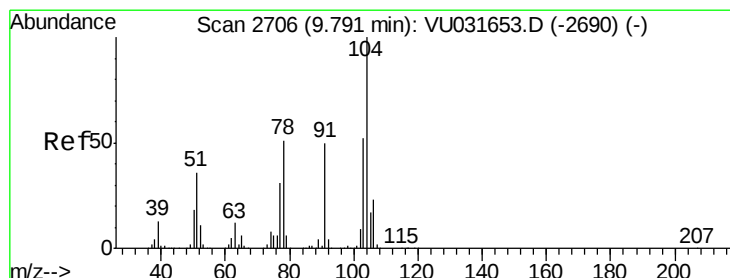
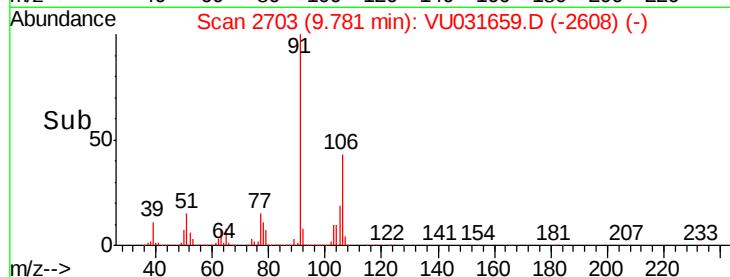
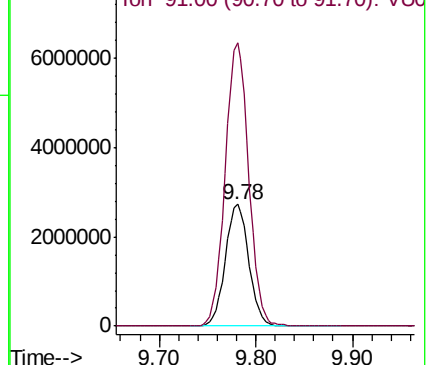
106 100

91 233.0 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 54.337 ug/L

RT: 9.79 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VU031659.D

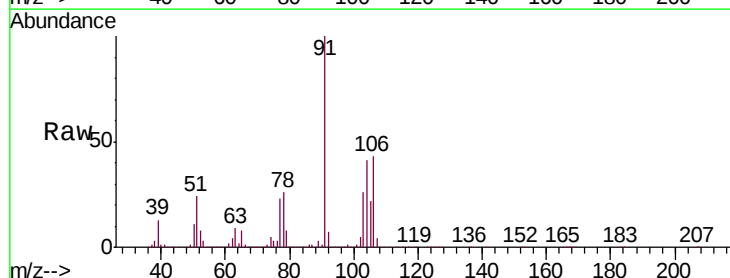
Acq: 01 May 2019 01:48

Tgt Ion:104 Resp: 2335860

Ion Ratio Lower Upper

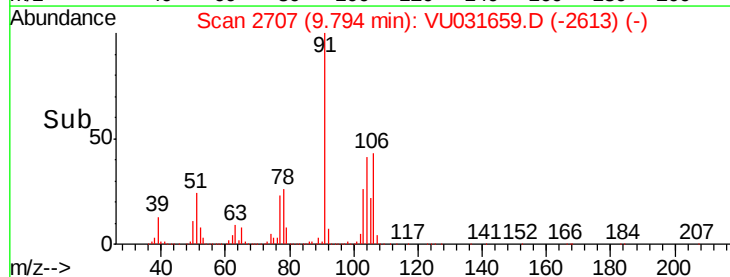
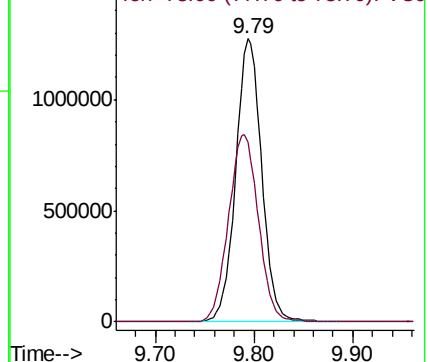
104 100

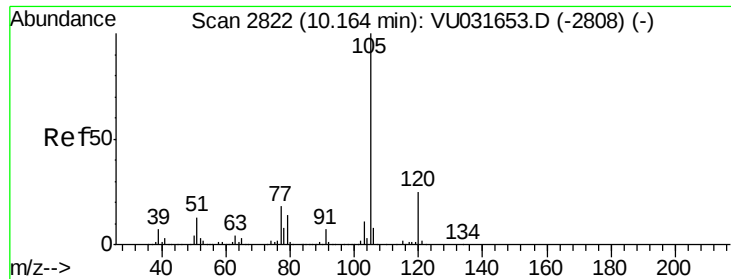
78 63.3 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 3.640 ug/L

RT: 10.17 min Scan# 2823

Delta R.T. 0.00 min

Lab File: VU031659.D

Acq: 01 May 2019 01:48

Instrument :

MSVOA_U

ClientSampleId :

GAJ86

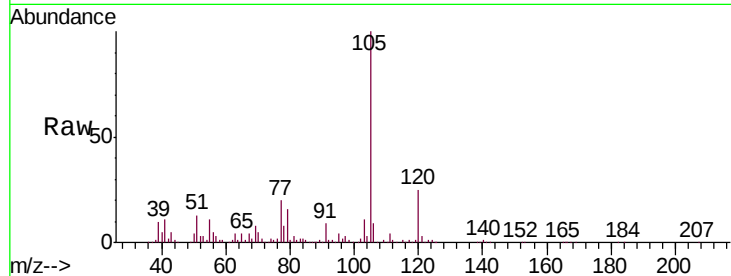
Tgt Ion: 105 Resp: 240830

Ion Ratio Lower Upper

105 100

120 25.1 20.1 30.1

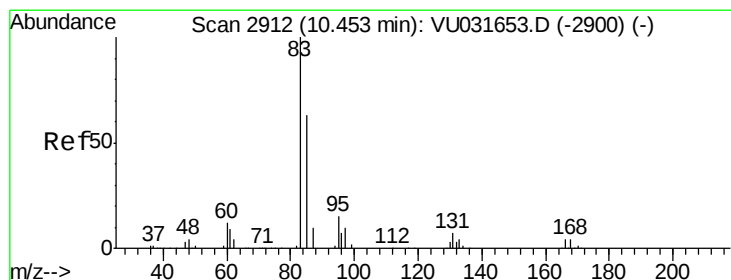
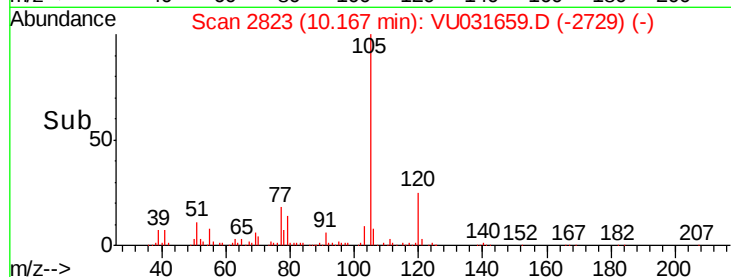
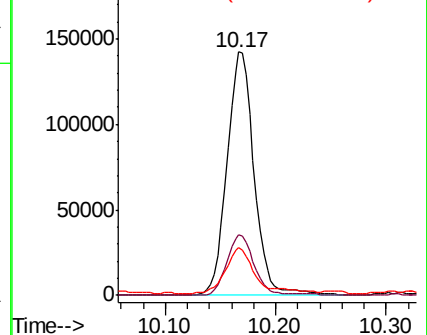
77 18.6 13.8 20.6



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



#58

1,1,2,2-Tetrachloroethane

Concen: 1.171 ug/L

RT: 10.49 min Scan# 2922

Delta R.T. 0.03 min

Lab File: VU031659.D

Acq: 01 May 2019 01:48

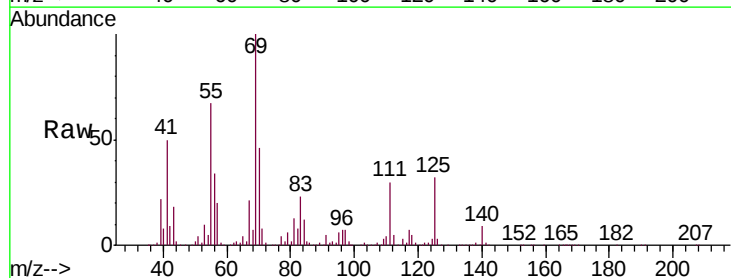
Tgt Ion: 83 Resp: 34293

Ion Ratio Lower Upper

83 100

85 7.1 46.0 85.4#

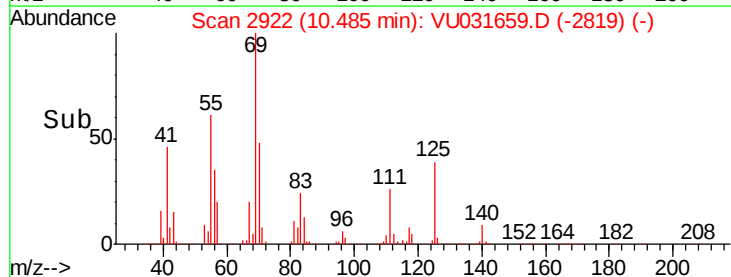
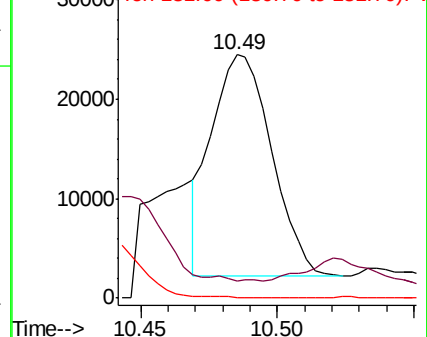
131 0.0 7.3 10.9#

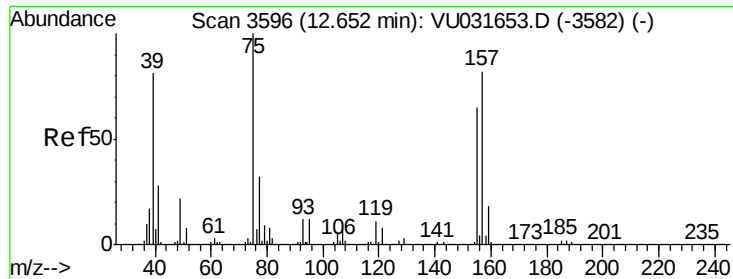


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V

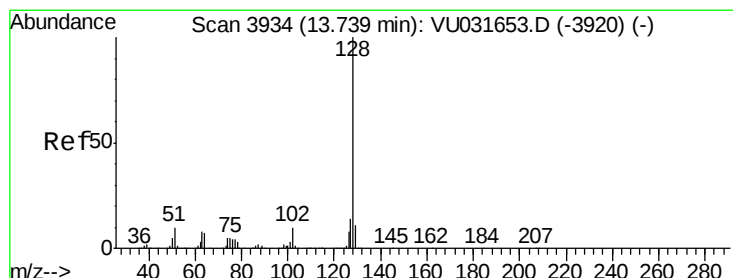
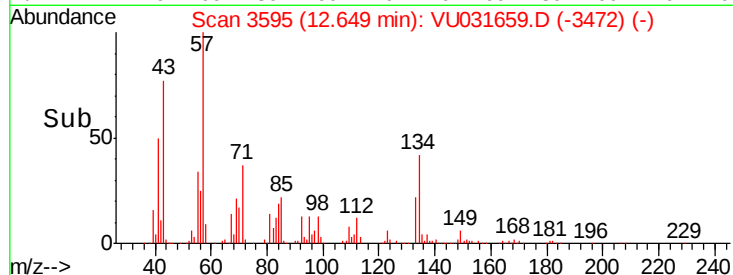
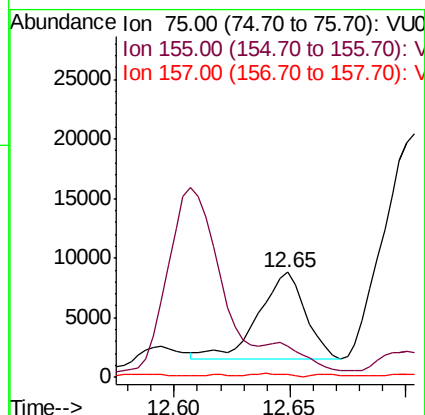
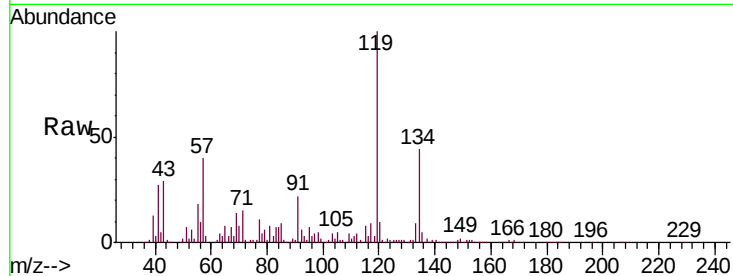




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.412 ug/L
 RT: 12.65 min Scan# 3595
 Delta R.T. -0.00 min
 Lab File: VU031659.D
 Acq: 01 May 2019 01:48

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Tgt Ion: 75 Resp: 10413
 Ion Ratio Lower Upper
 75 100
 155 29.6 54.0 81.0#
 157 2.3 69.1 103.7#



#69
 Naphthalene
 Concen: 2.475 ug/L
 RT: 13.61 min Scan# 3895
 Delta R.T. -0.13 min
 Lab File: VU031659.D
 Acq: 01 May 2019 01:48

Tgt Ion: 128 Resp: 149549
 Ion Ratio Lower Upper
 128 100
 127 38.8 10.6 15.8#
 129 116.4 8.7 13.1#

