

Data File : VU031420.D
Acq On : 23 Apr 2019 03:31
Operator : JC/SP
Sample : K2481-06 50X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHW1

Quant Time: Apr 23 05:36:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 04:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	708609	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	671142	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	315927	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	228646	39.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.64%
7) Chloroethane-d5	1.68	69	186462	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.30%
11) 1,1-Dichloroethene-d2	2.27	63	322596	32.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.60%
21) 2-Butanone-d5	4.19	46	361161	84.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.13%
24) Chloroform-d	4.64	84	375694	41.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.12%
26) 1,2-Dichloroethane-d4	5.31	65	229802	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.86%
32) Benzene-d6	5.34	84	802758	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.82%
36) 1,2-Dichloropropane-d6	6.33	67	266401	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.40%
41) Toluene-d8	7.56	98	716542	41.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.76%
43) trans-1,3-Dichloropropene-	7.85	79	108608	38.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.40%
47) 2-Hexanone-d5	8.31	63	264751	84.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	339586	40.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.24%
64) 1,2-Dichlorobenzene-d4	11.85	152	277425	42.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.92%

Target Compounds

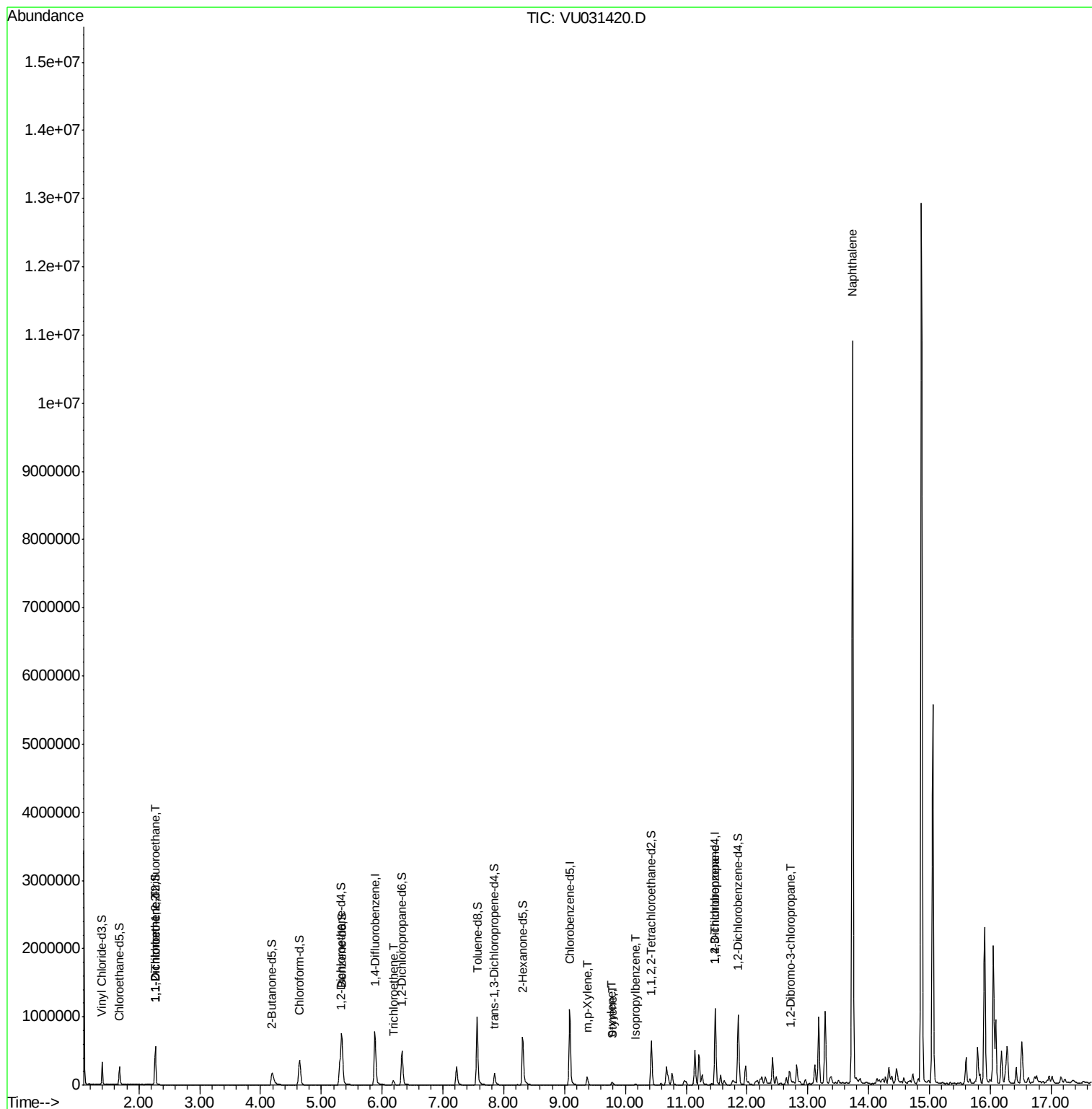
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2850	0.649 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2447	0.567 ug/L #	1
34) Trichloroethene	6.19	95	20029	3.894 ug/L	94
53) m,p-Xylene	9.37	106	31451	3.991 ug/L	91
54) o-xylene	9.78	106	11780	1.487 ug/L	84
55) Styrene	9.80	104	6543	0.497 ug/L	97
56) Isopropylbenzene	10.16	105	9134	0.449 ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	34680	5.431 ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.72	75	2446	1.399 ug/L #	1
69) Naphthalene	13.74	128	8518989	447.068 ug/L	100

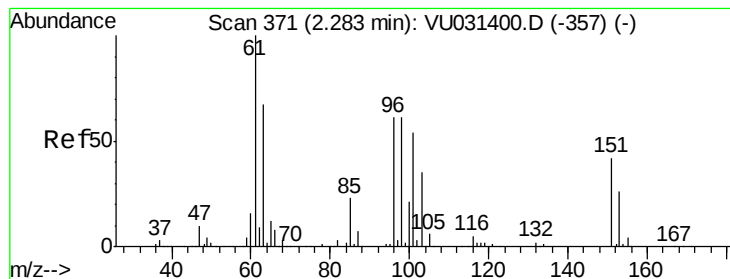
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.649 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

GAHW1

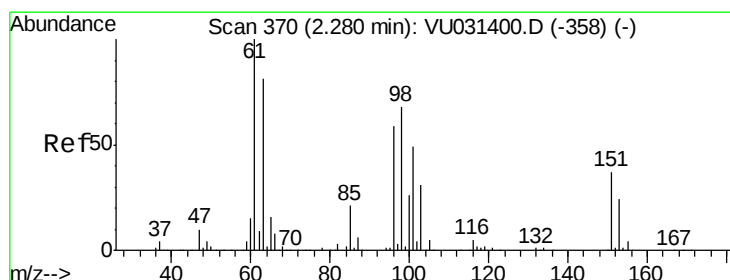
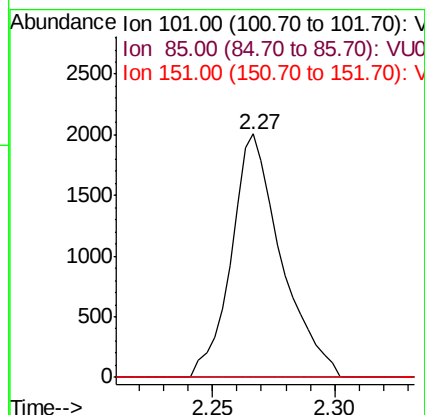
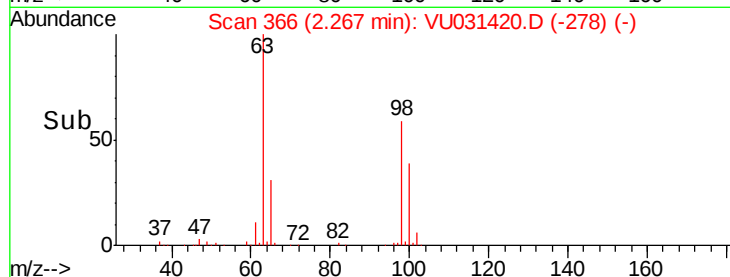
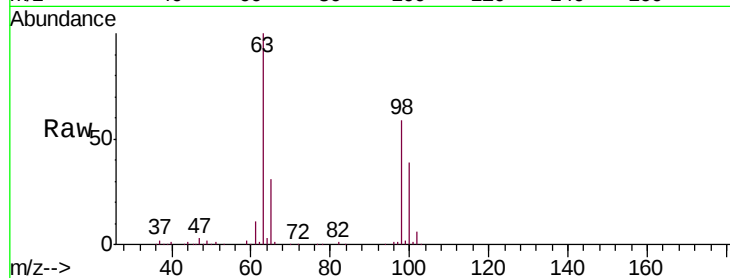
Tgt Ion: 101 Resp: 2850

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

151 0.0 61.4 92.0#



#12

1,1-Dichloroethene

Concen: 0.567 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031420.D

Acq: 23 Apr 2019 03:31

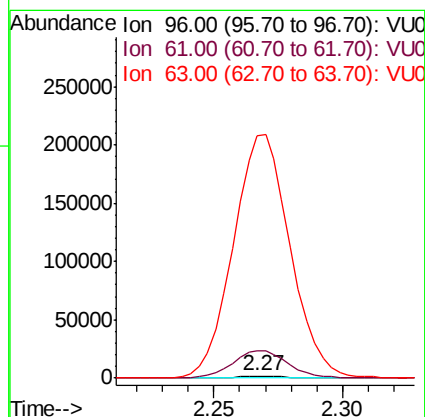
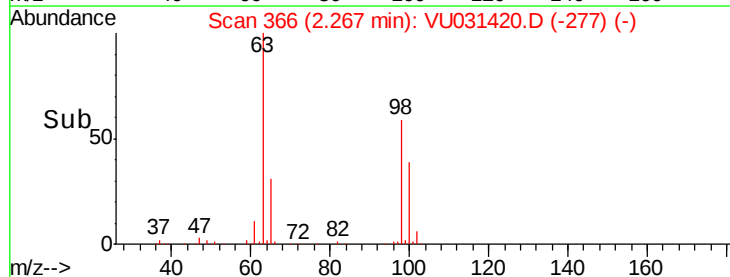
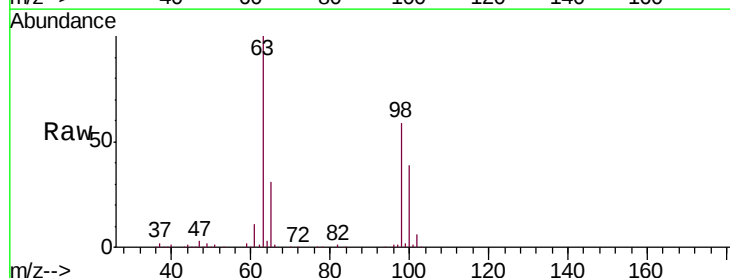
Tgt Ion: 96 Resp: 2447

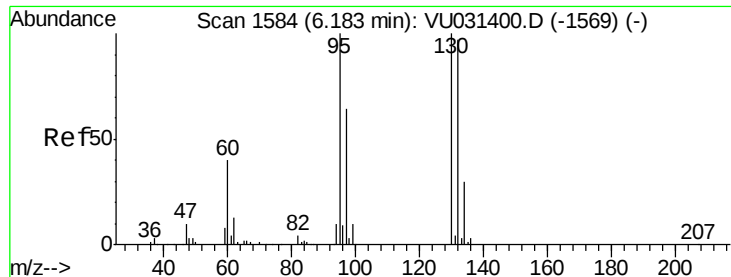
Ion Ratio Lower Upper

96 100

61 1315.0 118.9 220.9#

63 11627.9 99.3 184.3#





#34

Trichloroethene

Concen: 3.894 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU031420.D

Acq: 23 Apr 2019 03:31

Instrument :

MSVOA_U

ClientSampleId :

GAHW1

Tgt Ion: 95 Resp: 20029

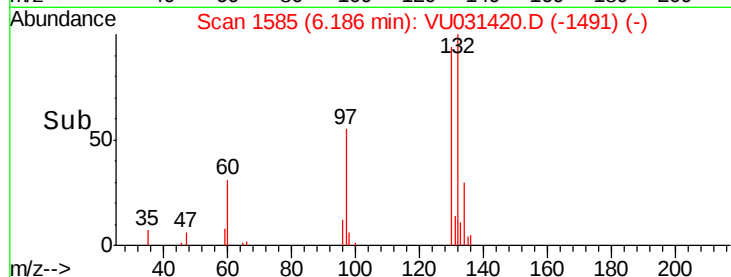
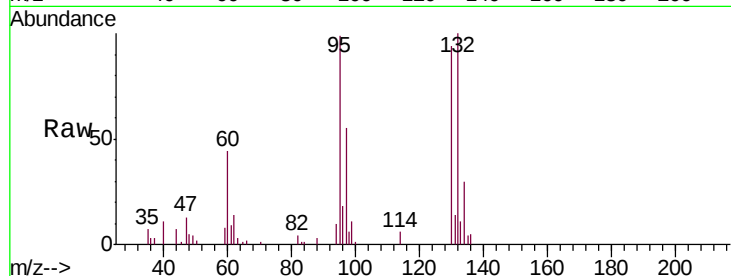
Ion Ratio Lower Upper

95 100

97 55.8 44.9 83.5

132 101.2 68.0 126.2

130 95.5 70.1 130.1



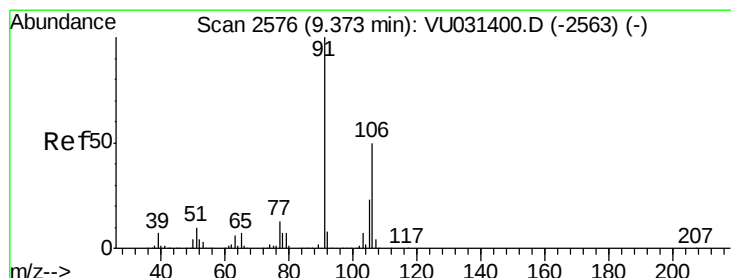
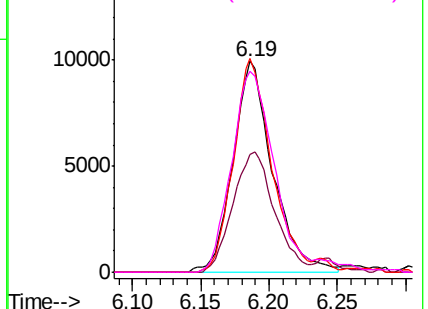
Abundance

Ion 95.00 (94.70 to 95.70): VU031400.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031400.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031400.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031400.D (-1569) (-)



#53

m,p-Xylene

Concen: 3.991 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU031420.D

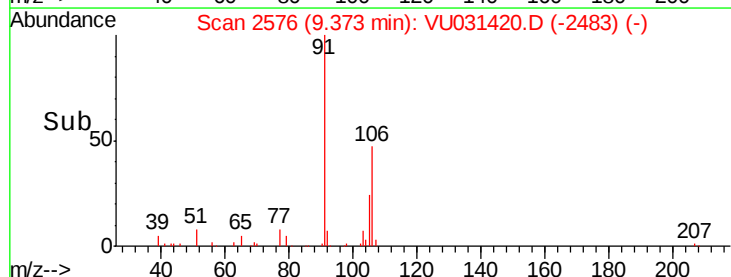
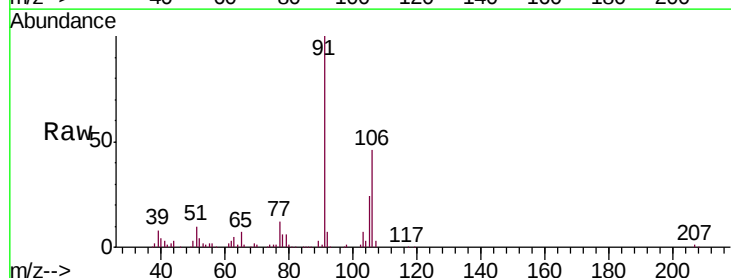
Acq: 23 Apr 2019 03:31

Tgt Ion: 106 Resp: 31451

Ion Ratio Lower Upper

106 100

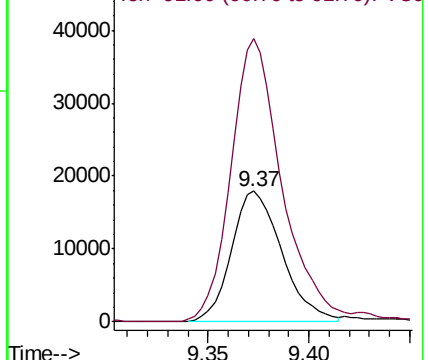
91 216.4 141.5 262.7

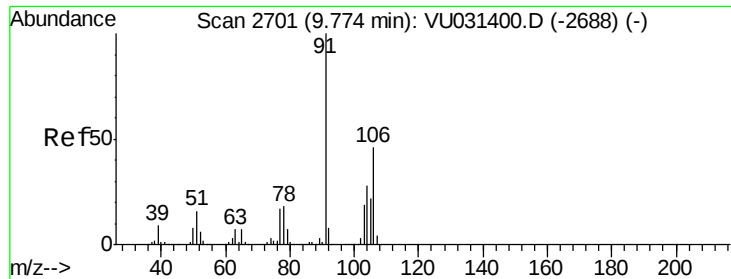


Abundance

Ion 106.00 (105.70 to 106.70): VU031400.D (-2563) (-)

Ion 91.00 (90.70 to 91.70): VU031400.D (-2563) (-)





#54

o-xylene

Concen: 1.487 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU031420.D

Acq: 23 Apr 2019 03:31

Instrument :

MSVOA_U

ClientSampleId :

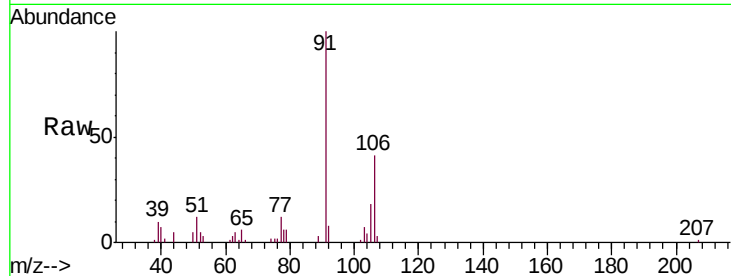
GAHW1

Tgt Ion:106 Resp: 11780

Ion Ratio Lower Upper

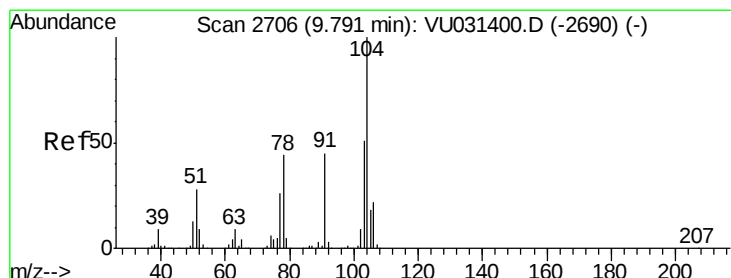
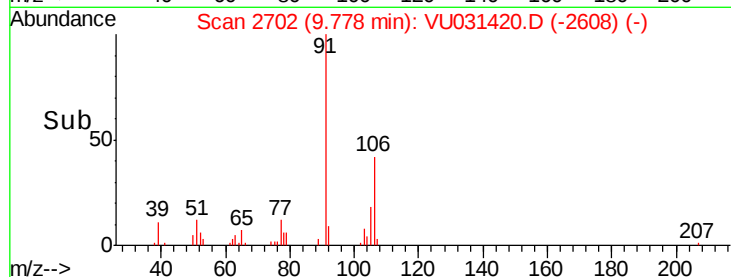
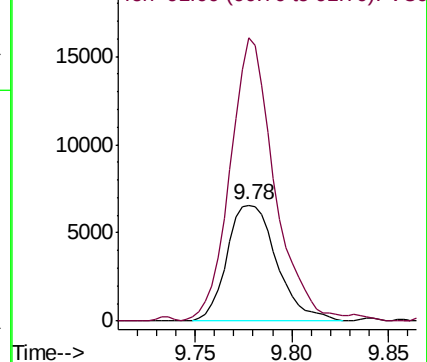
106 100

91 243.3 152.4 283.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 0.497 ug/L

RT: 9.80 min Scan# 2709

Delta R.T. 0.01 min

Lab File: VU031420.D

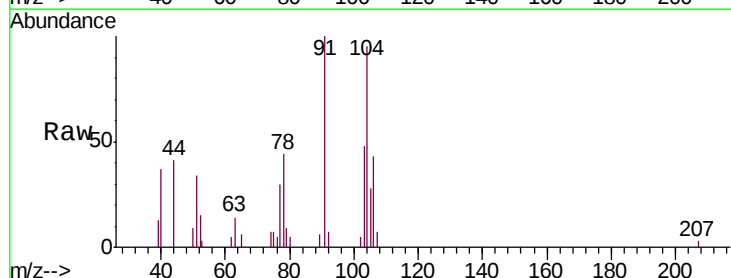
Acq: 23 Apr 2019 03:31

Tgt Ion:104 Resp: 6543

Ion Ratio Lower Upper

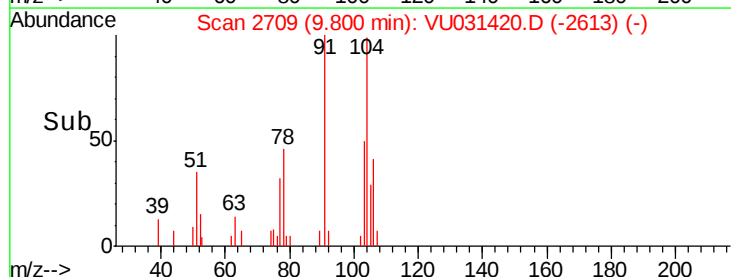
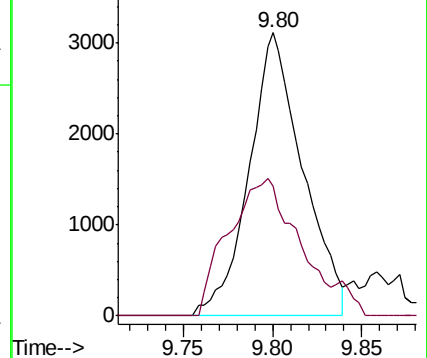
104 100

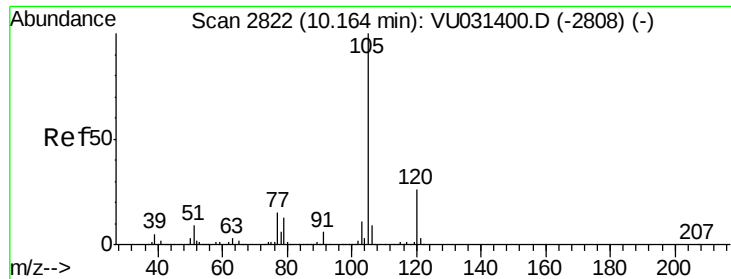
78 46.1 31.1 57.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 0.449 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031420.D

Acq: 23 Apr 2019 03:31

Instrument :

MSVOA_U

ClientSampleId :

GAHW1

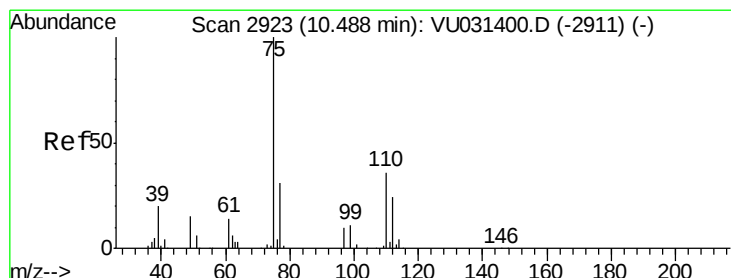
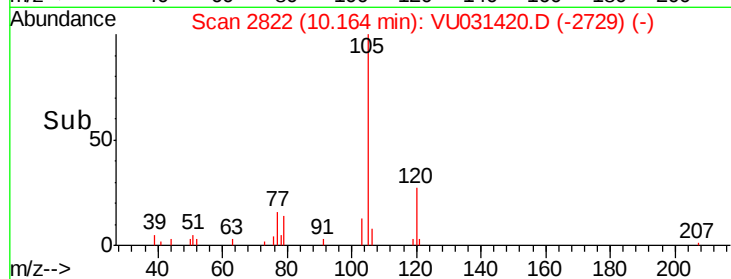
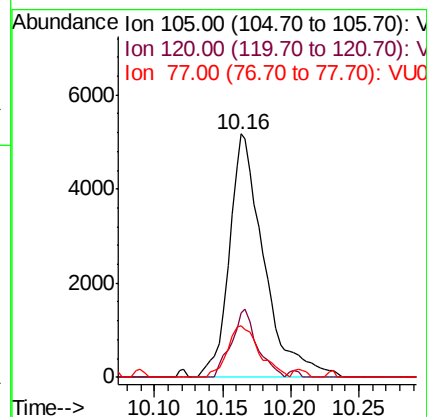
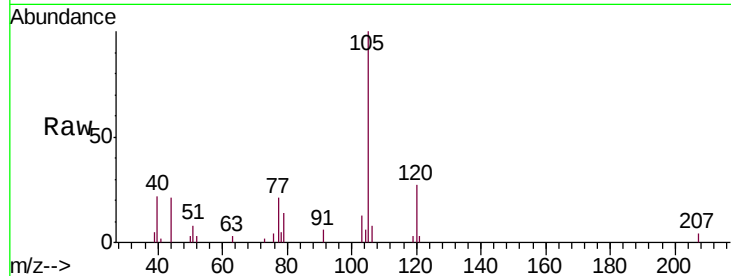
Tgt Ion: 105 Resp: 9134

Ion Ratio Lower Upper

105 100

120 20.7 20.7 31.1#

77 19.6 12.2 18.2#



#59

1,2,3-Trichloropropane

Concen: 5.431 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031420.D

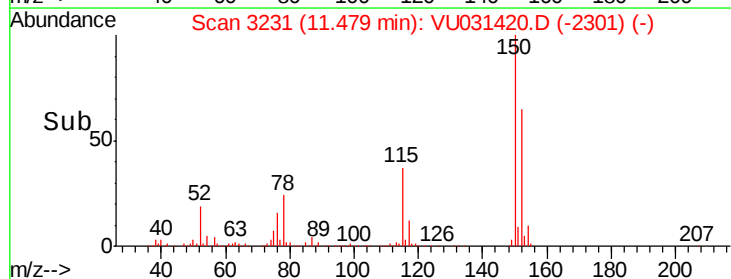
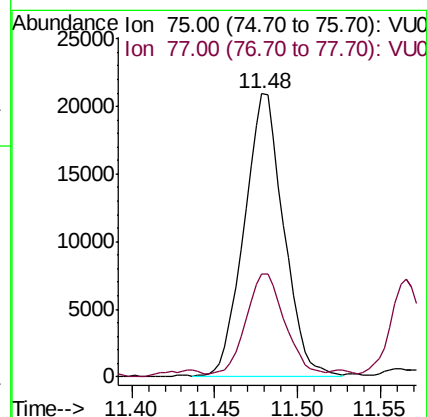
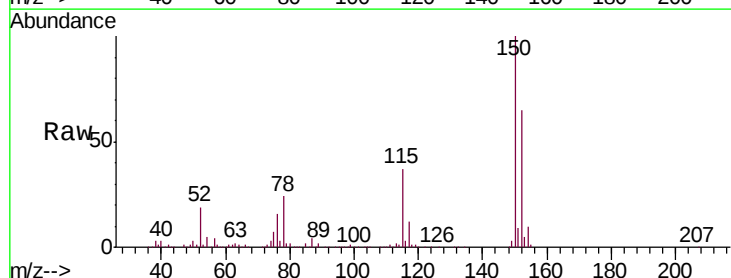
Acq: 23 Apr 2019 03:31

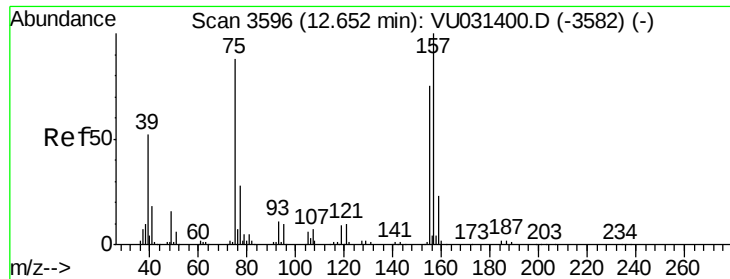
Tgt Ion: 75 Resp: 34680

Ion Ratio Lower Upper

75 100

77 36.7 25.6 38.4

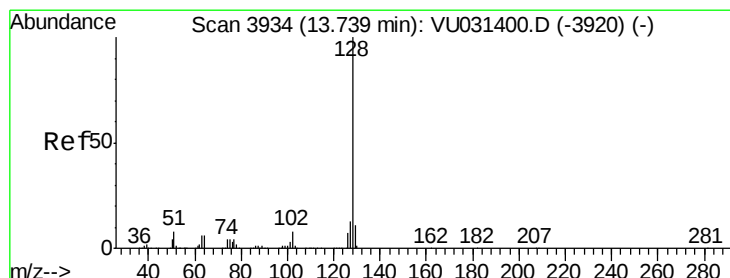
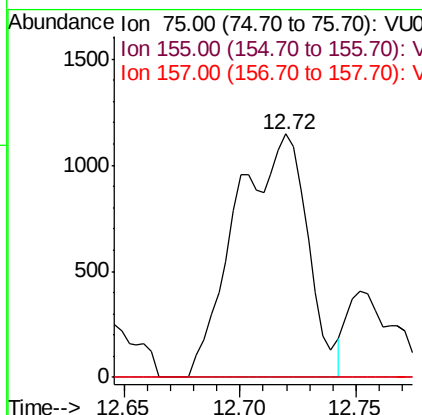
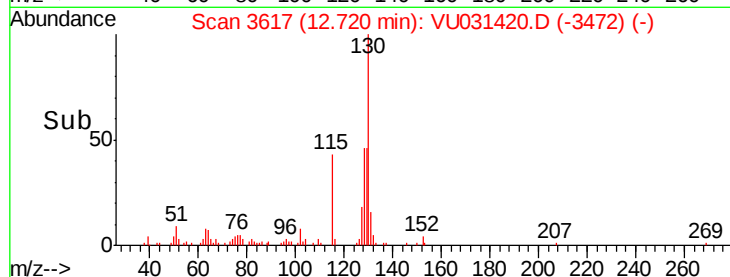
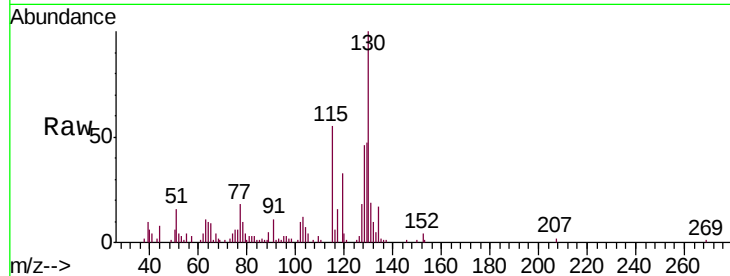




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.399 ug/L
 RT: 12.72 min Scan# 3617
 Delta R.T. 0.07 min
 Lab File: VU031420.D
 Acq: 23 Apr 2019 03:31

Instrument :
 MSVOA_U
 ClientSampled :
 GAHW1

Tgt Ion: 75 Resp: 2446
 Ion Ratio Lower Upper
 75 100
 155 0.0 68.8 103.2#
 157 0.0 91.4 137.2#



#69
 Naphthalene
 Concen: 447.068 ug/L
 RT: 13.74 min Scan# 3933
 Delta R.T. -0.00 min
 Lab File: VU031420.D
 Acq: 23 Apr 2019 03:31

Tgt Ion: 128 Resp: 8518989
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.4
 129 10.9 8.6 13.0

