

Data File : VU031445.D
Acq On : 23 Apr 2019 17:56
Operator : JC/SP
Sample : K2481-17DL 20X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX0DL

Quant Time: Apr 24 06:06:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	768164	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	736253	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	360072	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	211426	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.94%
7) Chloroethane-d5	1.68	69	181552	38.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.62%
11) 1,1-Dichloroethene-d2	2.27	63	319428	29.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.00%#
21) 2-Butanone-d5	4.19	46	436442	93.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.79%
24) Chloroform-d	4.65	84	395819	39.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.82%
26) 1,2-Dichloroethane-d4	5.31	65	245809	41.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.74%
32) Benzene-d6	5.34	84	837620	39.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.76%
36) 1,2-Dichloropropane-d6	6.33	67	279430	40.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.66%
41) Toluene-d8	7.56	98	712982	37.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.06%#
43) trans-1,3-Dichloropropene-	7.85	79	122589	39.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.62%
47) 2-Hexanone-d5	8.31	63	309523	90.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	395630	42.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	299348	40.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.34%

Target Compounds

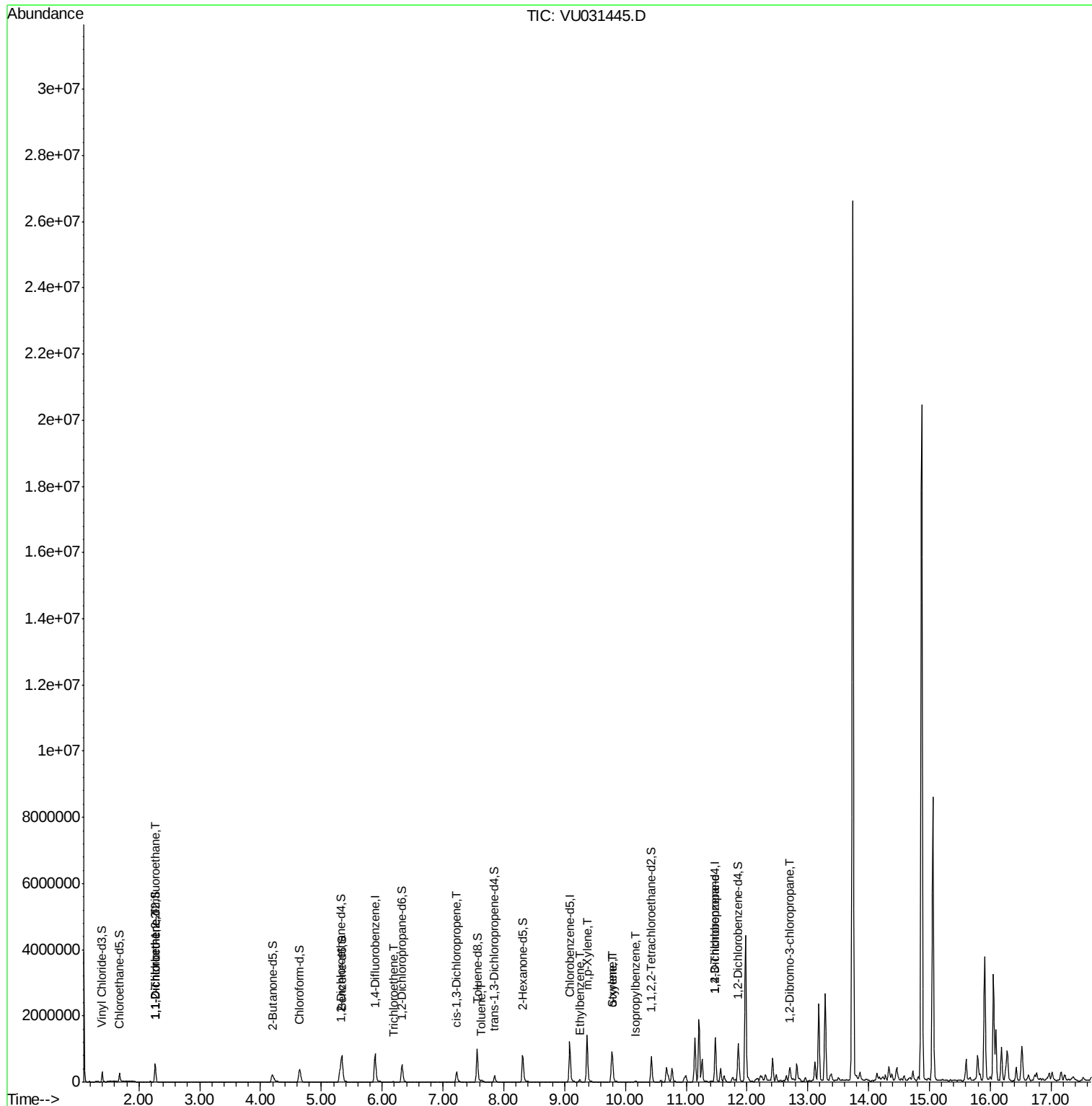
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2989	0.628	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2644	0.565	ug/L #	1
34) Trichloroethene	6.19	95	3083	0.546	ug/L	84
39) cis-1,3-Dichloropropene	7.22	75	5907	0.695	ug/L #	42
42) Toluene	7.64	91	28155	1.273	ug/L	99
52) Ethylbenzene	9.25	91	53436	2.256	ug/L	99
53) m,p-Xylene	9.37	106	419382	48.511	ug/L	95
54) o-xylene	9.77	106	189147	21.762	ug/L	99
55) Styrene	9.79	104	250474	17.327	ug/L	97
56) Isopropylbenzene	10.17	105	13090	0.586	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	41265	5.891	ug/L	89
66) 1,2-Dibromo-3-chloropropan	12.71	75	5229	2.623	ug/L #	1

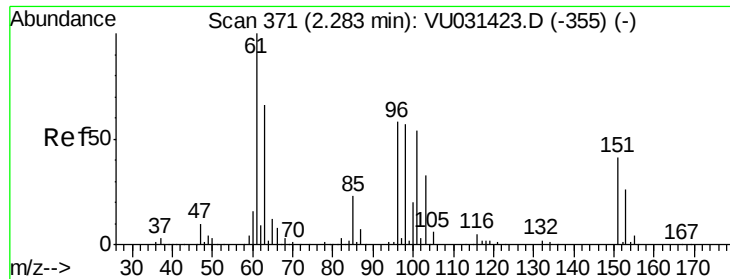
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031445.D
Acq On : 23 Apr 2019 17:56
Operator : JC/SP
Sample : K2481-17DL 20X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX0DL

Quant Time: Apr 24 06:06:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration





#10

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

Concen: 0.628 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031445.D

Acq: 23 Apr 2019 17:56

Instrument :

MSVOA_U

ClientSampleId :

GAHX0DL

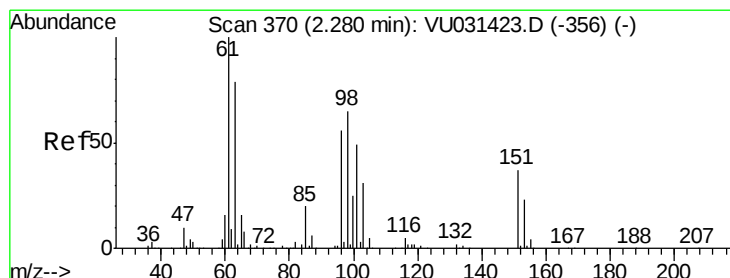
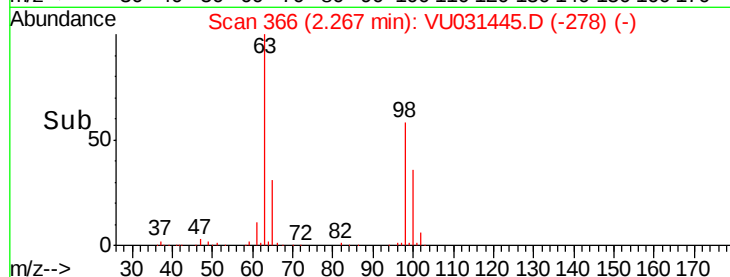
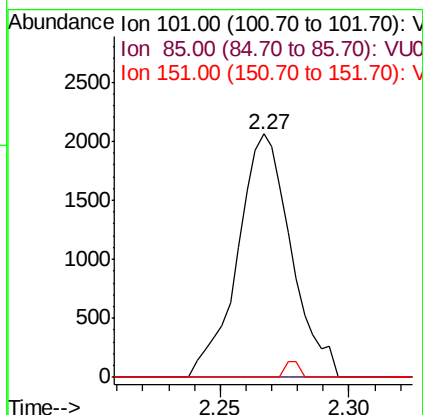
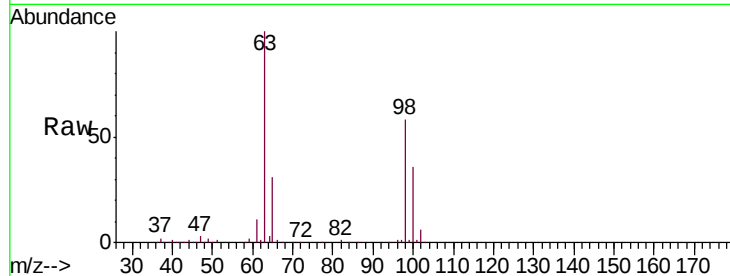
Tgt Ion: 101 Resp: 2989

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

151 1.8 61.4 92.0#



#12

1,1-Dichloroethene

Concen: 0.565 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031445.D

Acq: 23 Apr 2019 17:56

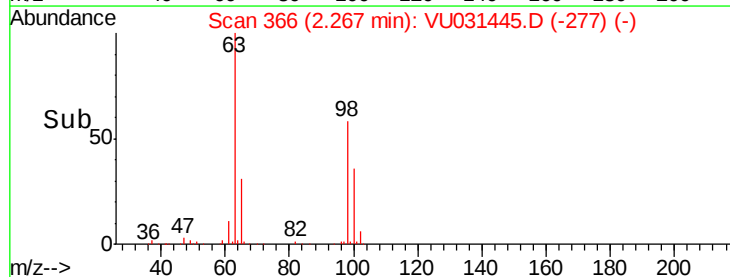
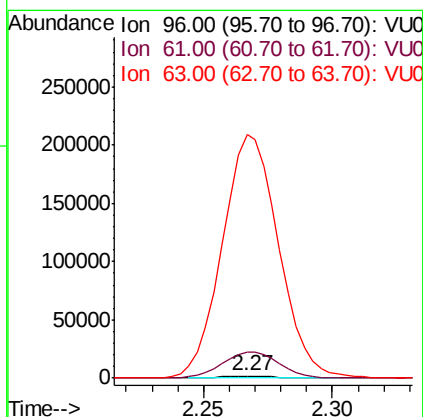
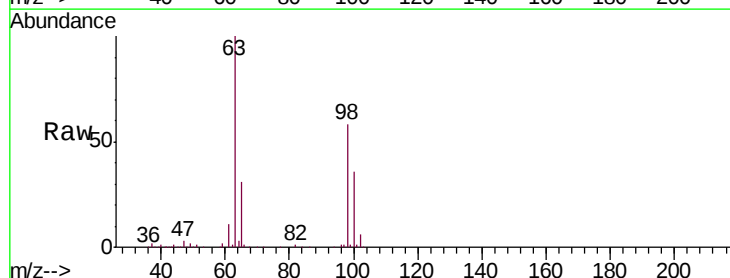
Tgt Ion: 96 Resp: 2644

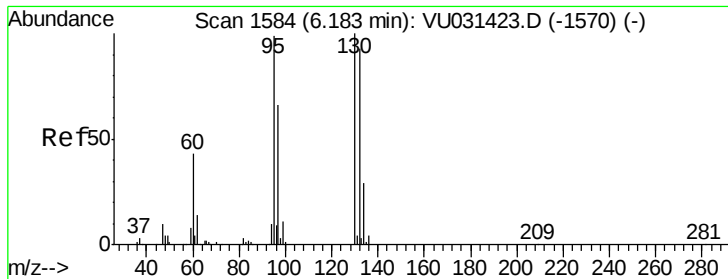
Ion Ratio Lower Upper

96 100

61 1265.4 118.9 220.9#

63 11944.2 99.3 184.3#





#34

Trichloroethene

Concen: 0.546 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU031445.D

Acq: 23 Apr 2019 17:56

Instrument :

MSVOA_U

ClientSampleId :

GAHX0DL

Tgt Ion: 95 Resp: 3083

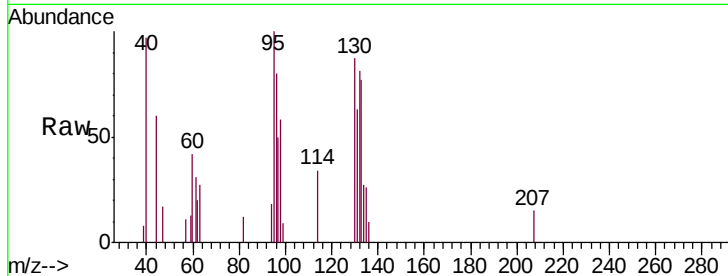
Ion Ratio Lower Upper

95 100

97 50.3 44.9 83.5

132 80.9 68.0 126.2

130 86.7 70.1 130.1

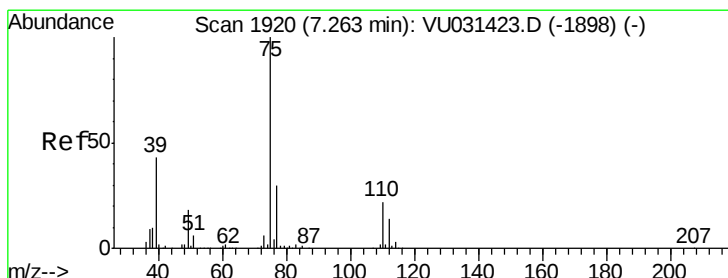
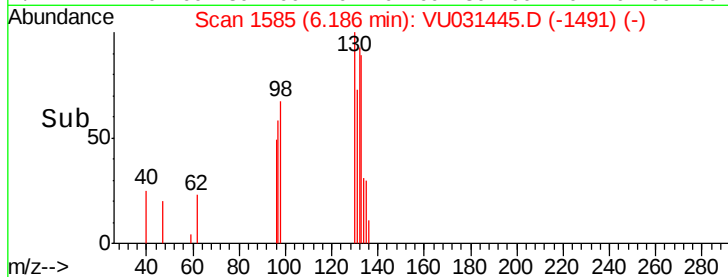
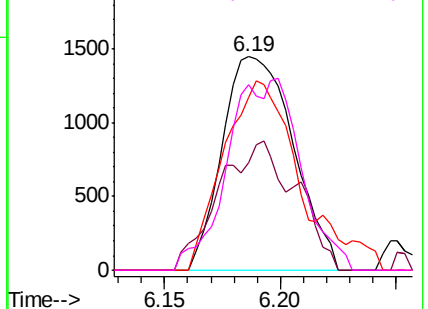


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.695 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031445.D

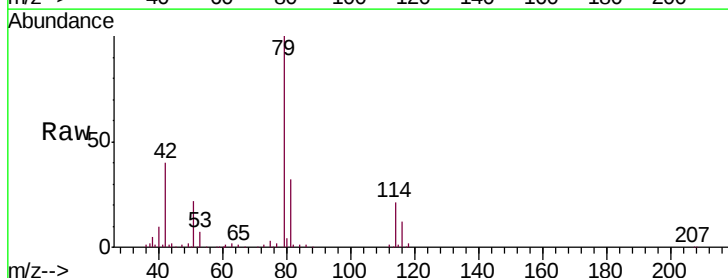
Acq: 23 Apr 2019 17:56

Tgt Ion: 75 Resp: 5907

Ion Ratio Lower Upper

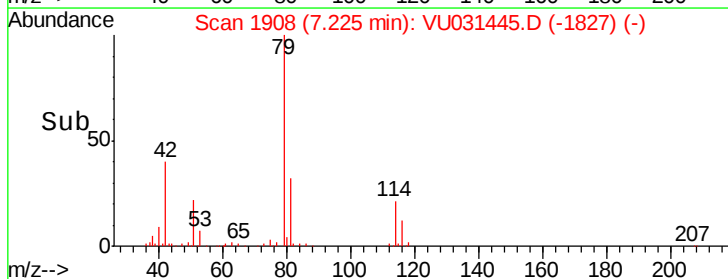
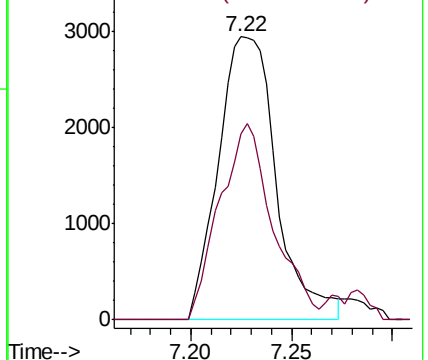
75 100

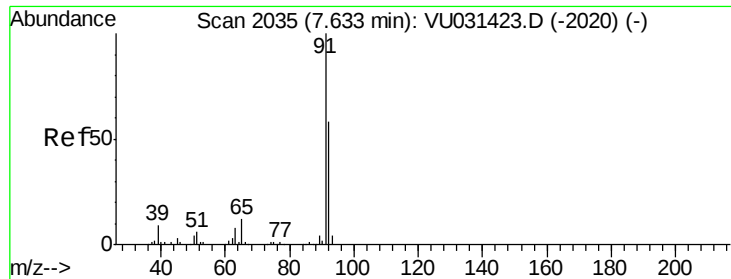
77 65.9 23.0 42.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#42

Toluene

Concen: 1.273 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU031445.D

Acq: 23 Apr 2019 17:56

Instrument :

MSVOA_U

ClientSampleId :

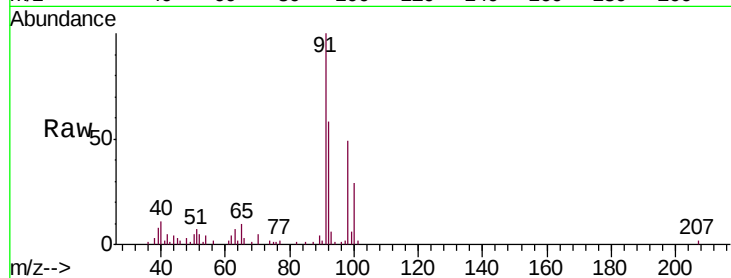
GAHX0DL

Tgt Ion: 91 Resp: 28155

Ion Ratio Lower Upper

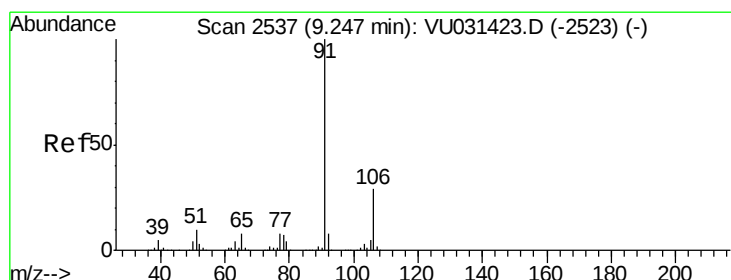
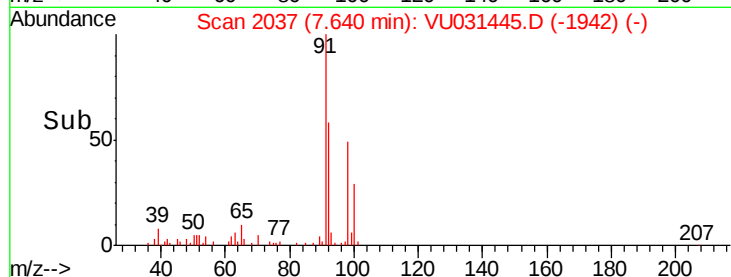
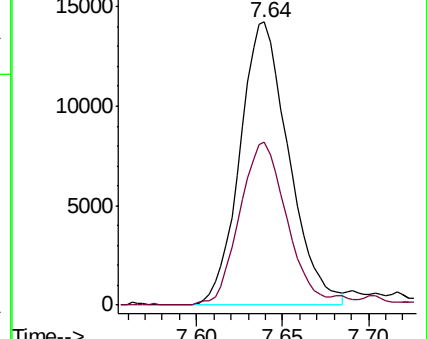
91 100

92 57.6 40.6 75.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#52

Ethylbenzene

Concen: 2.256 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU031445.D

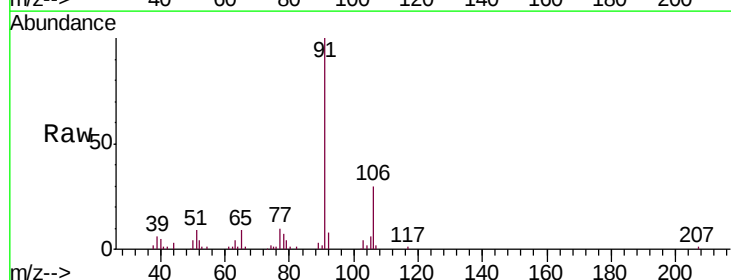
Acq: 23 Apr 2019 17:56

Tgt Ion: 91 Resp: 53436

Ion Ratio Lower Upper

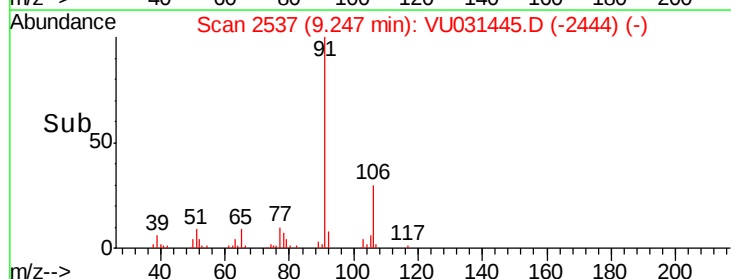
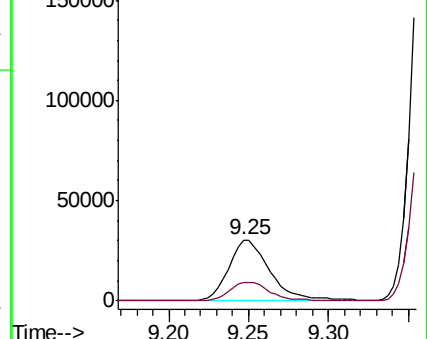
91 100

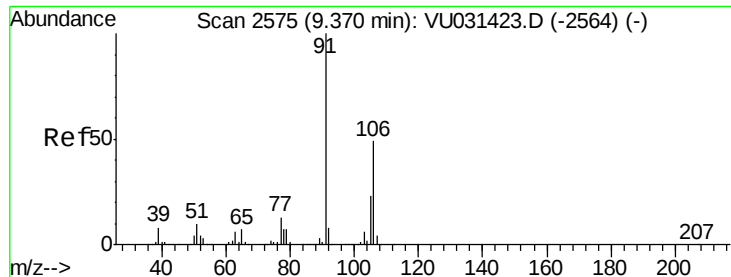
106 29.8 21.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 48.511 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU031445.D

Acq: 23 Apr 2019 17:56

Instrument :

MSVOA_U

ClientSampleId :

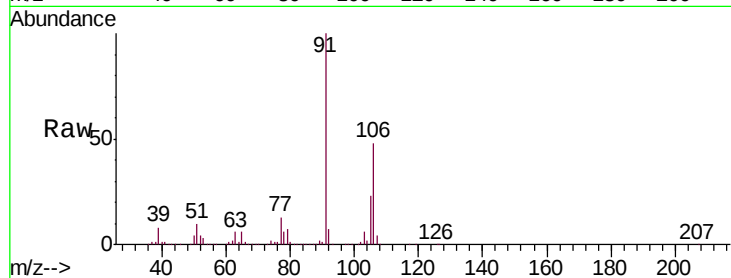
GAHX0DL

Tgt Ion:106 Resp: 419382

Ion Ratio Lower Upper

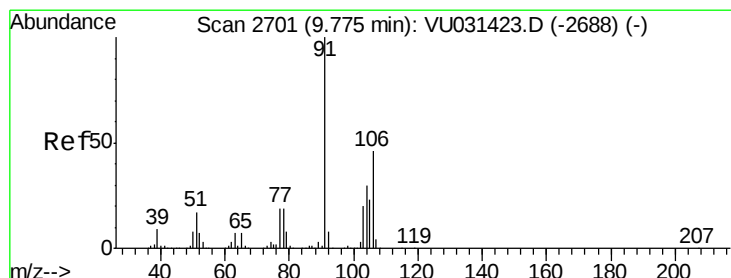
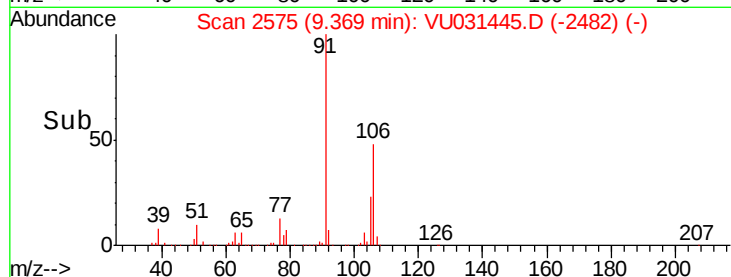
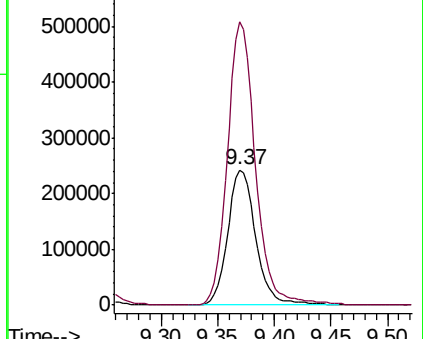
106 100

91 209.6 141.5 262.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 21.762 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU031445.D

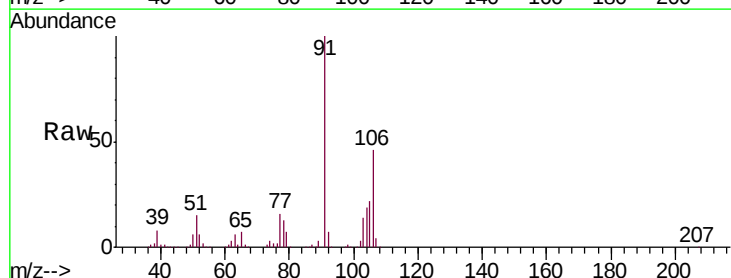
Acq: 23 Apr 2019 17:56

Tgt Ion:106 Resp: 189147

Ion Ratio Lower Upper

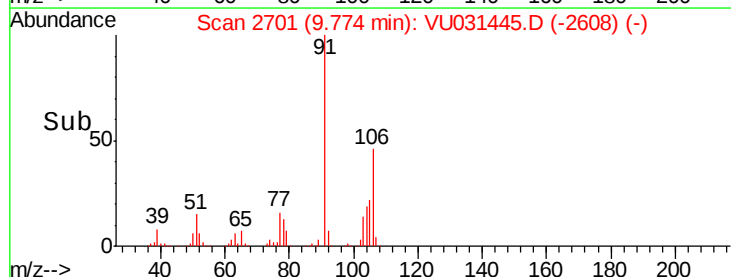
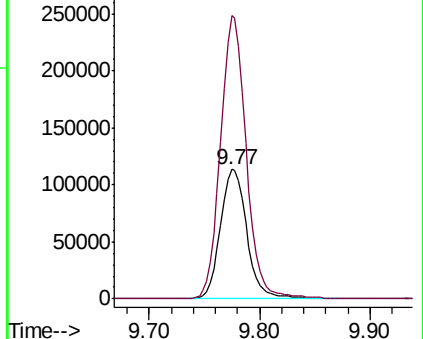
106 100

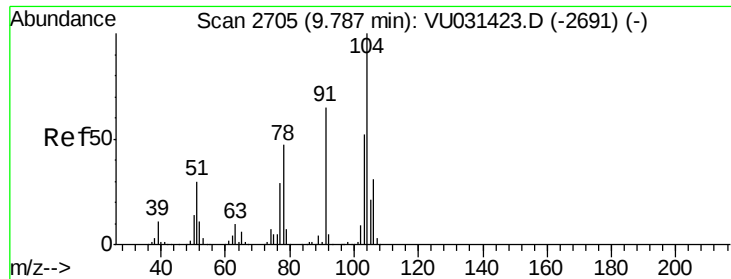
91 219.2 152.4 283.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

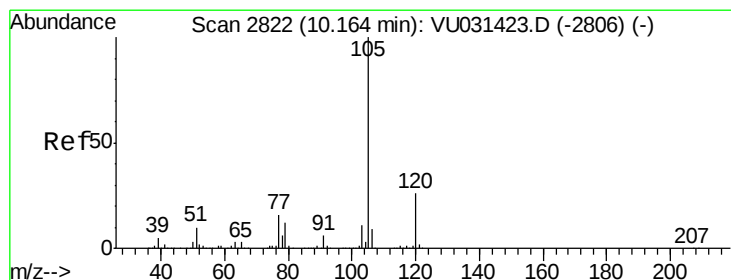
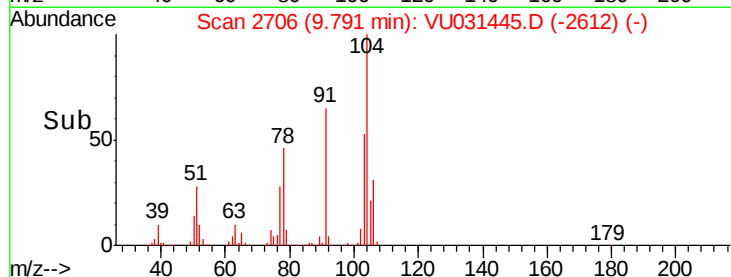
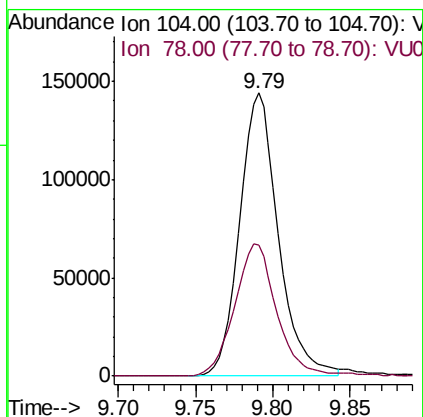
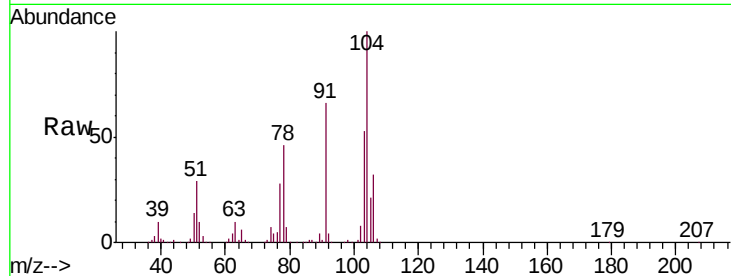




#55
Styrene
Concen: 17.327 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU031445.D
Acq: 23 Apr 2019 17:56

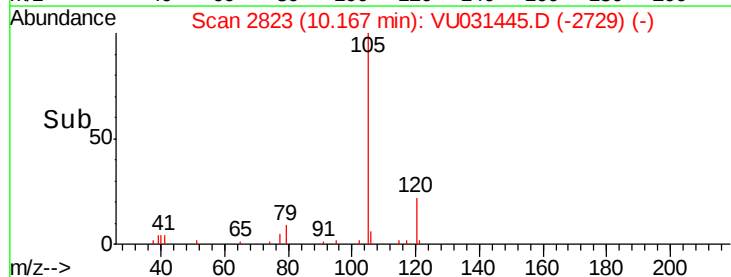
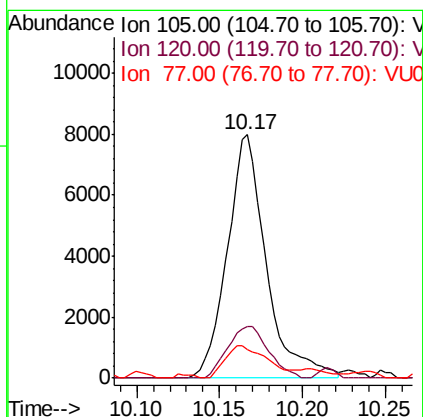
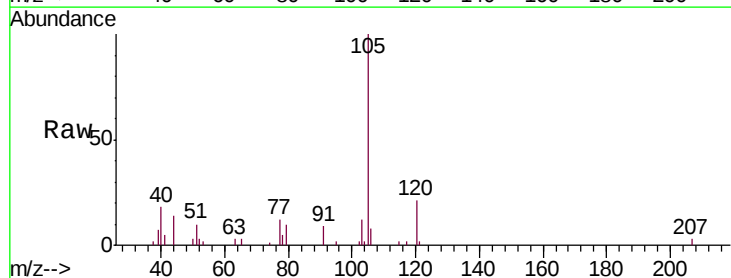
Instrument :
MSVOA_U
ClientSampleId :
GAHX0DL

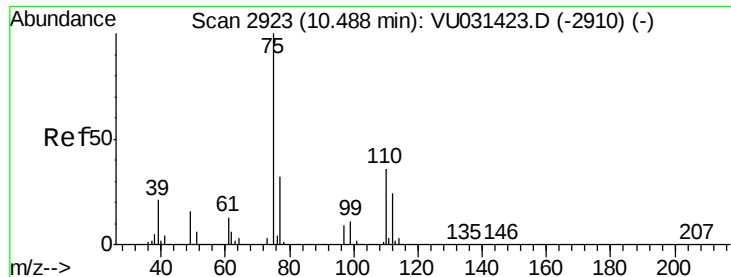
Tgt Ion:104 Resp: 250474
Ion Ratio Lower Upper
104 100
78 46.3 31.1 57.7



#56
Isopropylbenzene
Concen: 0.586 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.00 min
Lab File: VU031445.D
Acq: 23 Apr 2019 17:56

Tgt Ion:105 Resp: 13090
Ion Ratio Lower Upper
105 100
120 22.2 20.7 31.1
77 14.2 12.2 18.2

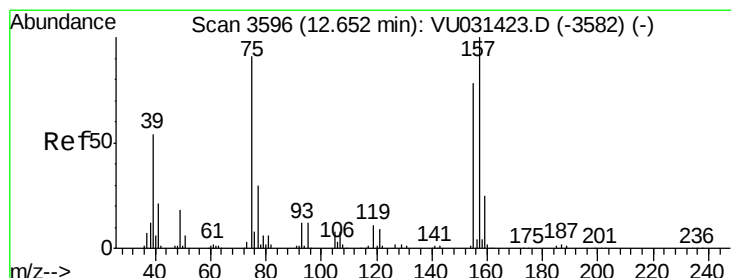
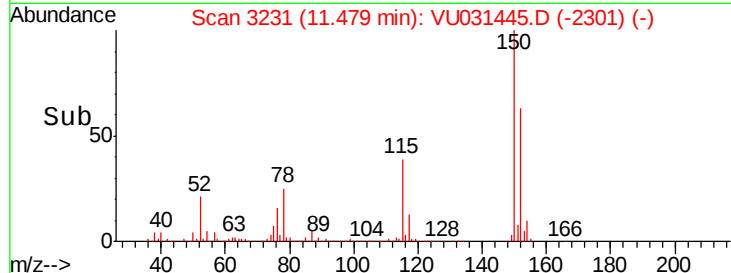
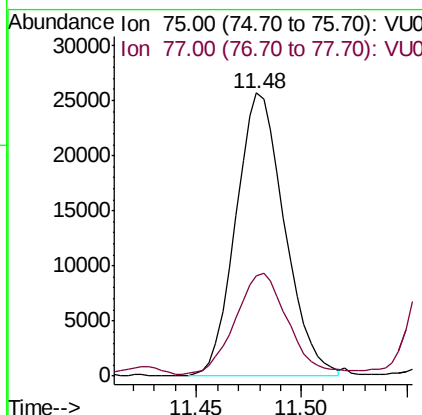
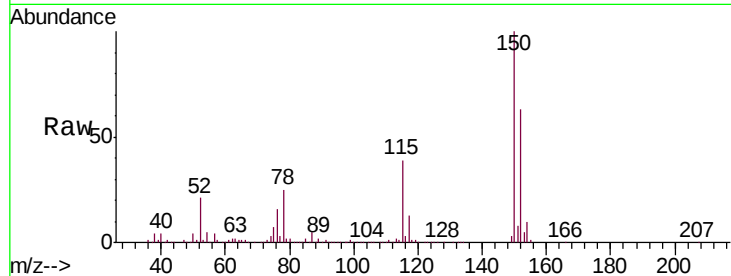




#59
 1,2,3-Trichloropropane
 Concen: 5.891 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031445.D
 Acq: 23 Apr 2019 17:56

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHX0DL

Tgt Ion: 75 Resp: 41265
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.6 38.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.623 ug/L
 RT: 12.71 min Scan# 3615
 Delta R.T. 0.06 min
 Lab File: VU031445.D
 Acq: 23 Apr 2019 17:56

Tgt Ion: 75 Resp: 5229
 Ion Ratio Lower Upper
 75 100
 155 0.0 68.8 103.2#
 157 0.0 91.4 137.2#

