

Data File : VU029452.D
Acq On : 14 Feb 2019 13:00
Operator : JC/SP
Sample : K1436-21MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXB3MS

Quant Time: Feb 15 00:47:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 00:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	227817	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	212887	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	115452	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54126	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.68	69	49858	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	2.27	63	133524	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	4.19	46	133208	41.86	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.72%
24) Chloroform-d	4.65	84	93747	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
26) 1,2-Dichloroethane-d4	5.31	65	51357	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
32) Benzene-d6	5.34	84	209873	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.33	67	62633	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	7.56	98	199822	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	7.85	79	26095	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.31	63	135758	43.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53366	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	89745	4.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.20%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1099	0.056 ug/L #	18
12) 1,1-Dichloroethene	2.28	96	82612	4.406 ug/L	97
13) Acetone	2.33	43	5428	1.877 ug/L	99
25) Chloroform	4.67	83	7617	0.253 ug/L	99
27) 1,2-Dichloroethane	5.39	62	2384	0.137 ug/L #	72
33) Benzene	5.39	78	281495	4.492 ug/L	100
34) Trichloroethene	6.18	95	77885	4.421 ug/L	97
35) Methylcyclohexane	6.33	83	15610	0.527 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	6438	0.410 ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	2002	0.081 ug/L #	75
42) Toluene	7.63	91	323074	4.594 ug/L	99
48) 2-Hexanone	8.37	43	2734	0.415 ug/L #	64
51) Chlorobenzene	9.12	112	216484	4.476 ug/L	99
53) m,p-xylene	9.37	106	1654	0.052 ug/L	76
59) 1,2,3-Trichloropropane	11.48	75	10981	1.091 ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 00:42:37 2019
Response via : Initial Calibration

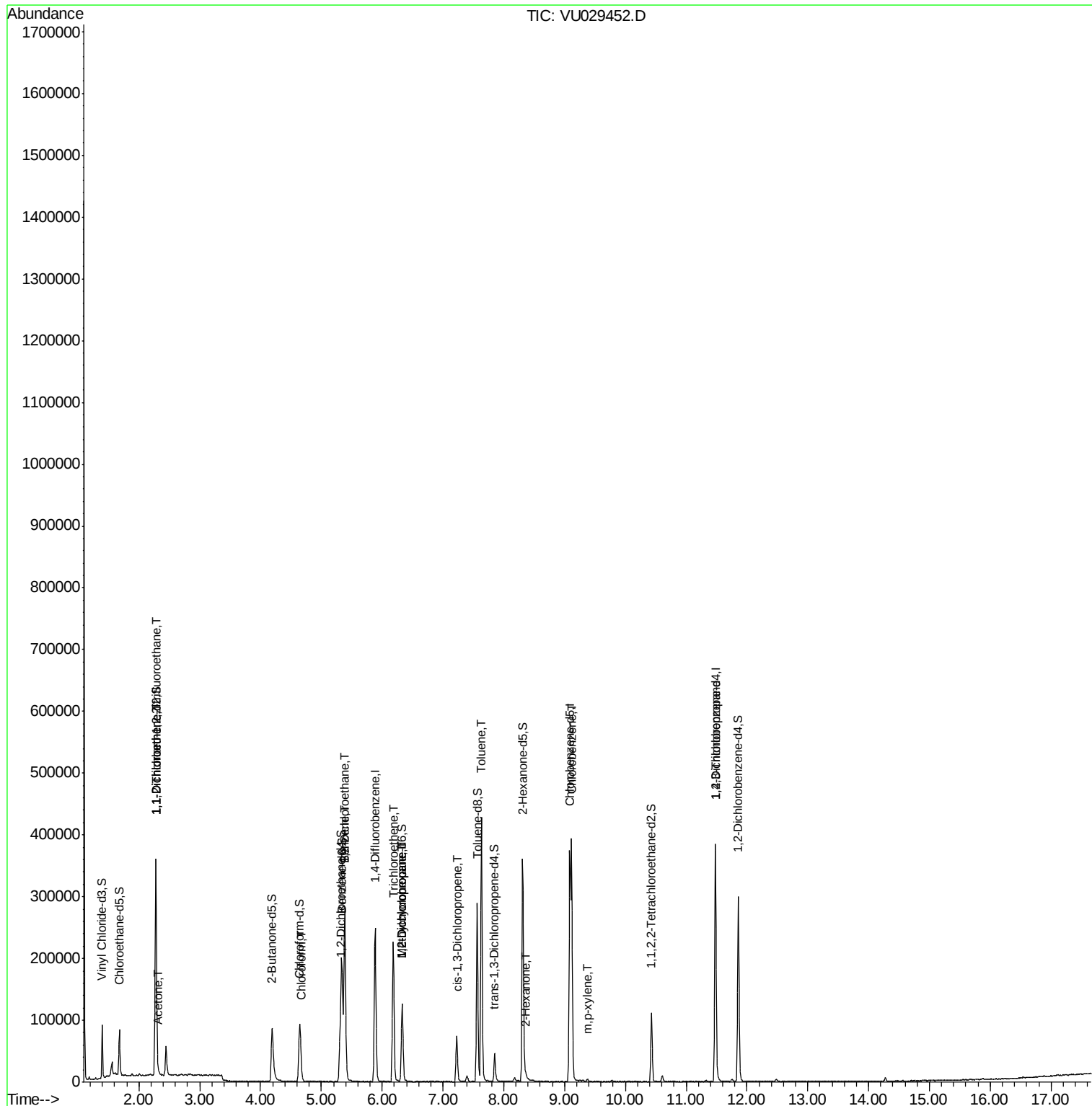
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

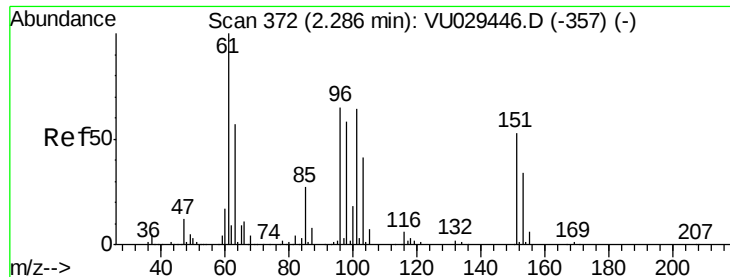
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#10

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

Concen: 0.056 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029452.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_U

ClientSampleId :

ESXB3MS

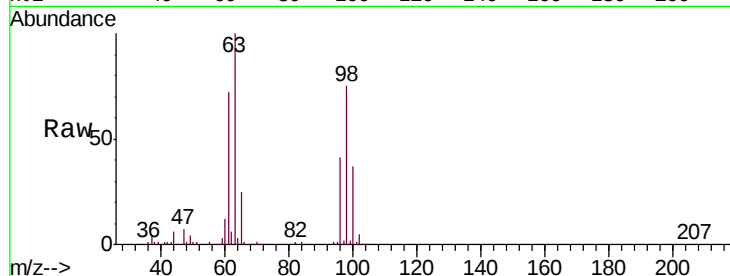
Tgt Ion: 101 Resp: 1099

Ion Ratio Lower Upper

101 100

85 3.8 35.1 52.7#

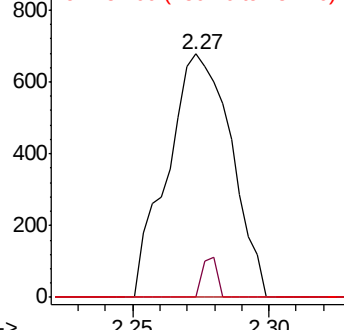
151 0.0 67.0 100.6#



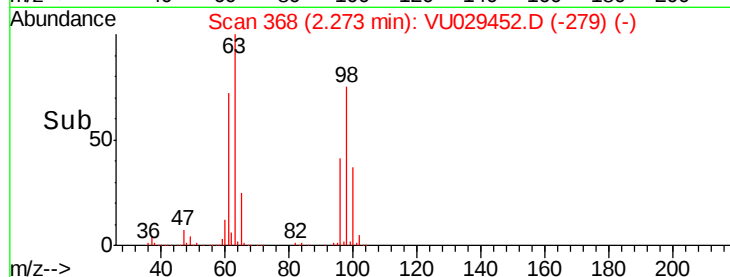
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 4.406 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU029452.D

Acq: 14 Feb 2019 13:00

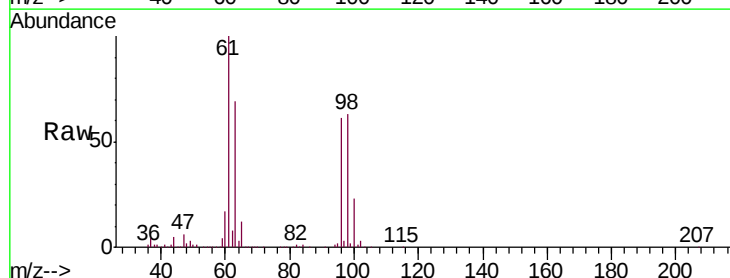
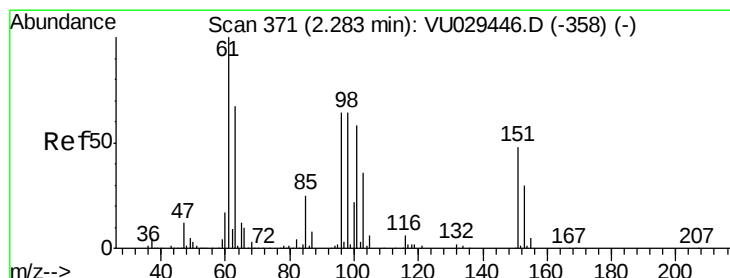
Tgt Ion: 96 Resp: 82612

Ion Ratio Lower Upper

96 100

61 162.9 115.1 213.7

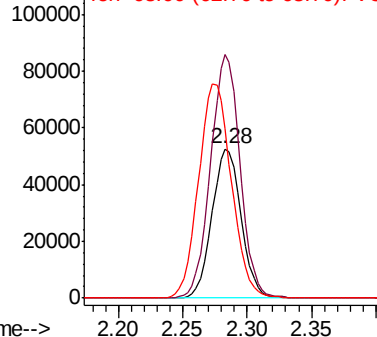
63 113.0 83.5 155.1



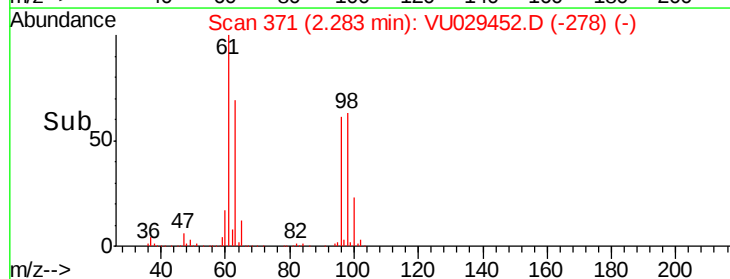
Abundance Ion 96.00 (95.70 to 96.70): VU0

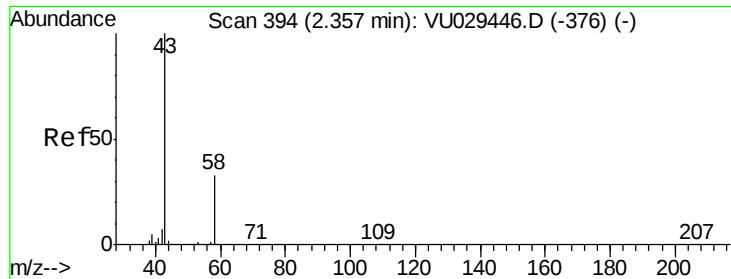
Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->





#13

Acetone

Concen: 1.877 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.03 min

Lab File: VU029452.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_U

ClientSampleId :

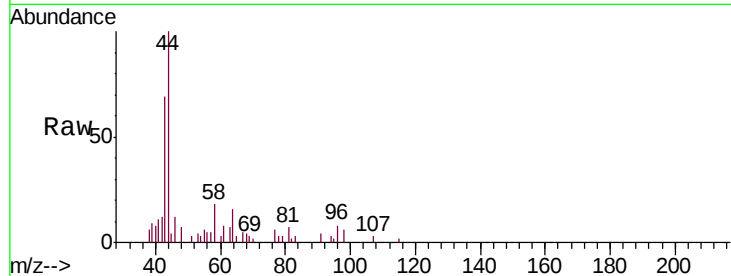
ESXB3MS

Tgt Ion: 43 Resp: 5428

Ion Ratio Lower Upper

43 100

58 33.2 0.0 65.0

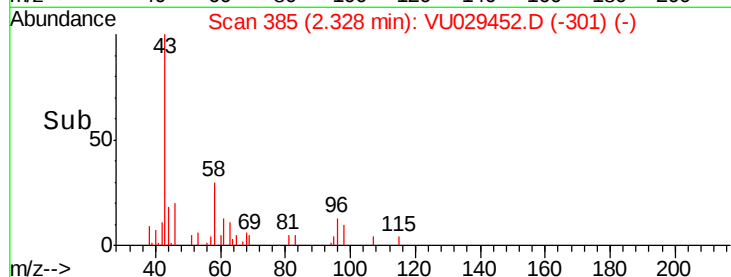


Abundance Ion 43.05 (42.75 to 43.75): VU029446.D (-376) (-)

Ion 58.05 (57.75 to 58.75): VU029446.D (-376) (-)

2.33

Time-->

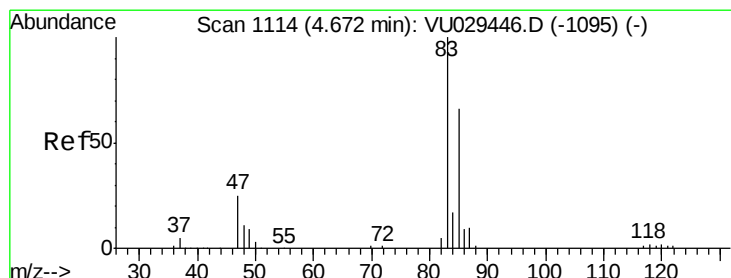


Abundance Ion 43.05 (42.75 to 43.75): VU029452.D (-301) (-)

Ion 58.05 (57.75 to 58.75): VU029452.D (-301) (-)

2.33

Time-->



#25

Chloroform

Concen: 0.253 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029452.D

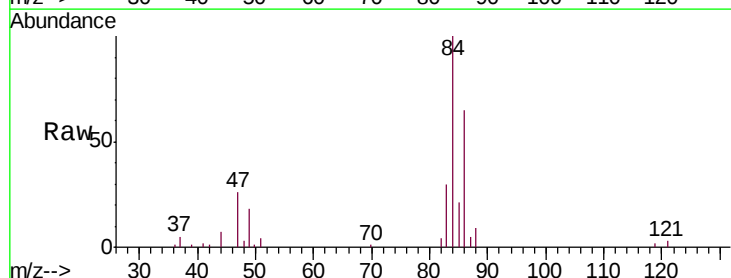
Acq: 14 Feb 2019 13:00

Tgt Ion: 83 Resp: 7617

Ion Ratio Lower Upper

83 100

85 68.9 47.8 88.8

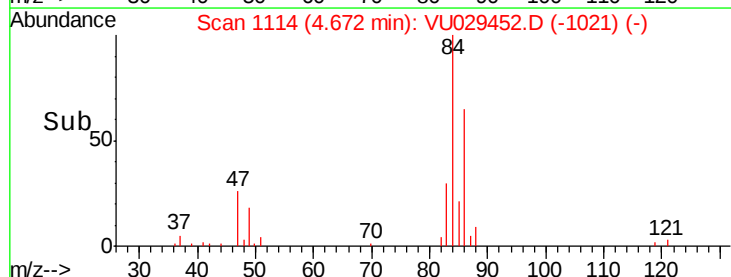


Abundance Ion 83.05 (82.75 to 83.75): VU029446.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU029446.D (-1095) (-)

4.67

Time-->

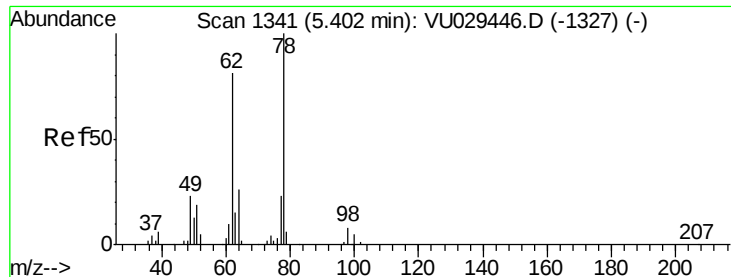


Abundance Ion 83.05 (82.75 to 83.75): VU029452.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VU029452.D (-1021) (-)

4.67

Time-->



#27

1,2-Dichloroethane

Concen: 0.137 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. -0.02 min

Lab File: VU029452.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_U

ClientSampleId :

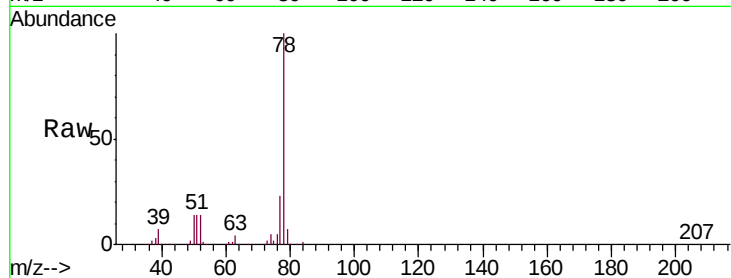
ESXB3MS

Tgt Ion: 62 Resp: 2384

Ion Ratio Lower Upper

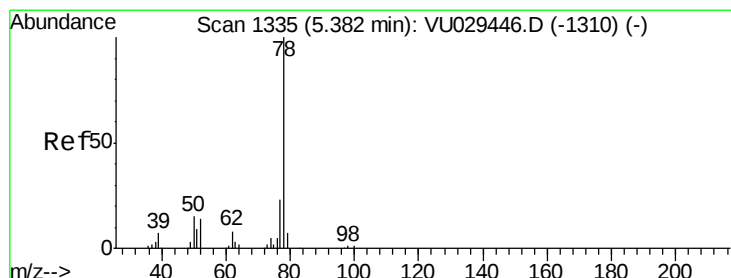
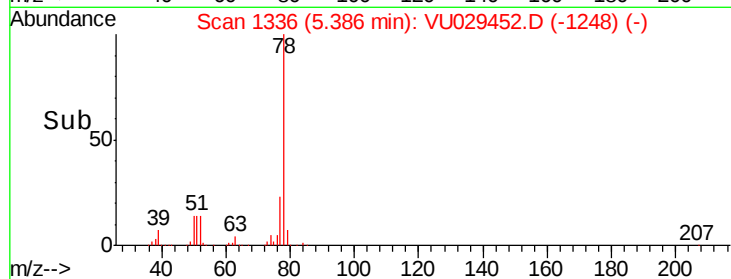
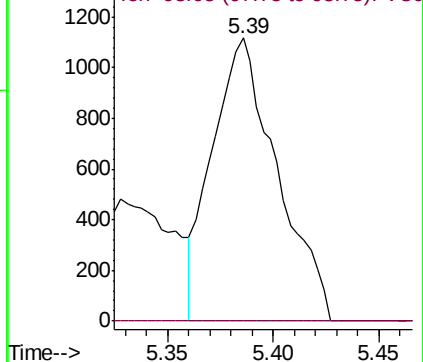
62 100

98 0.0 8.4 12.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0



#33

Benzene

Concen: 4.492 ug/L

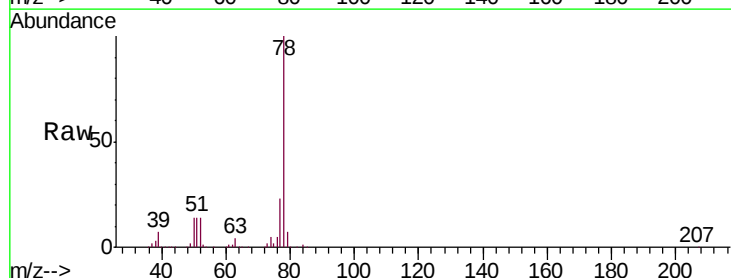
RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

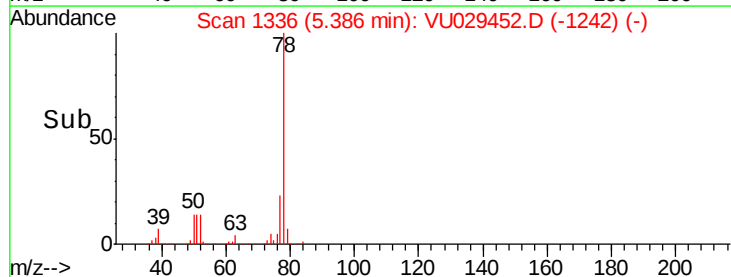
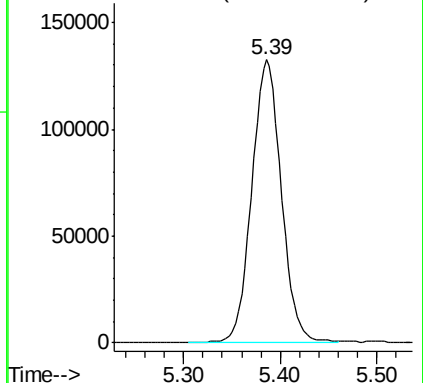
Lab File: VU029452.D

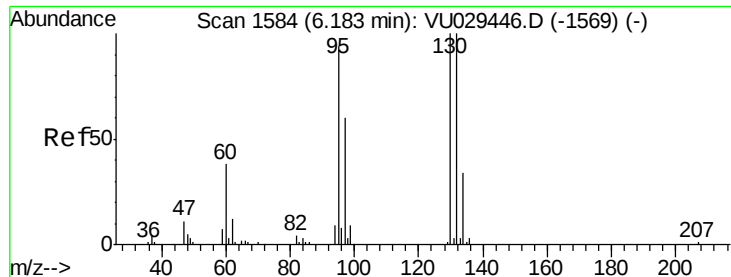
Acq: 14 Feb 2019 13:00

Tgt Ion: 78 Resp: 281495



Abundance Ion 78.10 (77.80 to 78.80): VU0

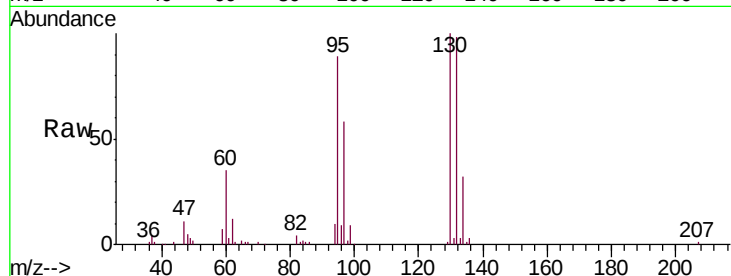




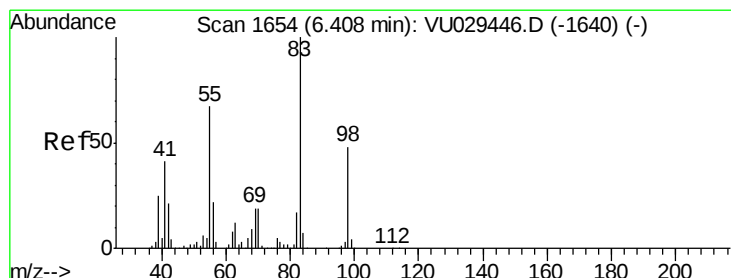
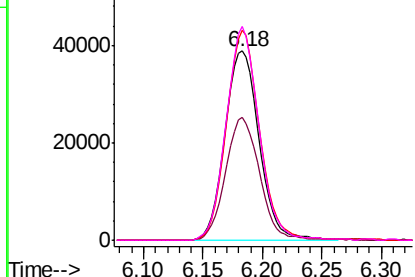
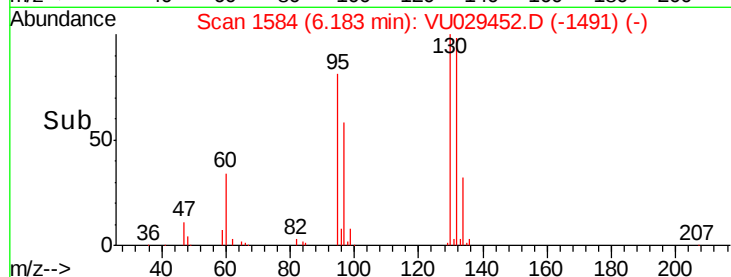
#34
 Trichloroethene
 Concen: 4.421 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029452.D
 Acq: 14 Feb 2019 13:00

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXB3MS

Tgt Ion: 95 Resp: 77885
 Ion Ratio Lower Upper
 95 100
 97 65.0 46.3 86.1
 132 110.9 72.9 135.3
 130 112.9 79.2 147.0

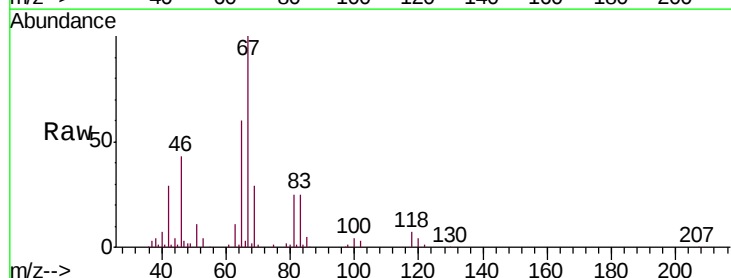


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

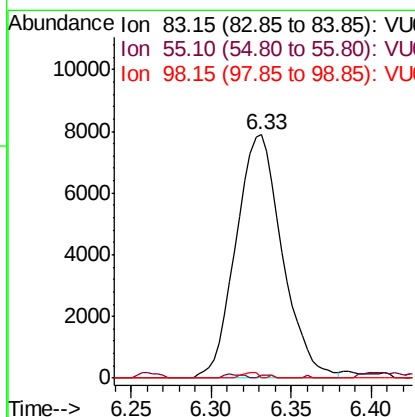
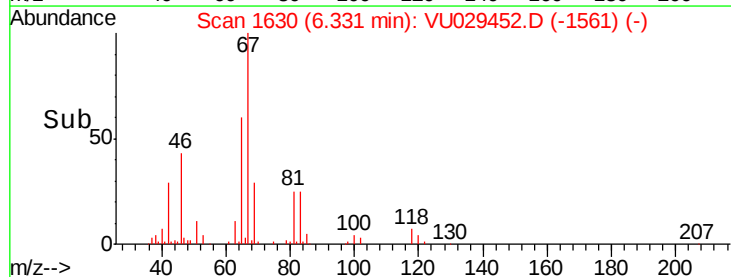


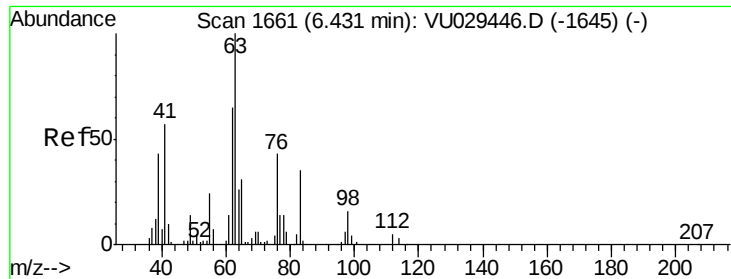
#35
 Methylcyclohexane
 Concen: 0.527 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.08 min
 Lab File: VU029452.D
 Acq: 14 Feb 2019 13:00

Tgt Ion: 83 Resp: 15610
 Ion Ratio Lower Upper
 83 100
 55 0.4 55.9 83.9#
 98 0.7 38.6 57.8#



Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.410 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029452.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_U

ClientSampleId :

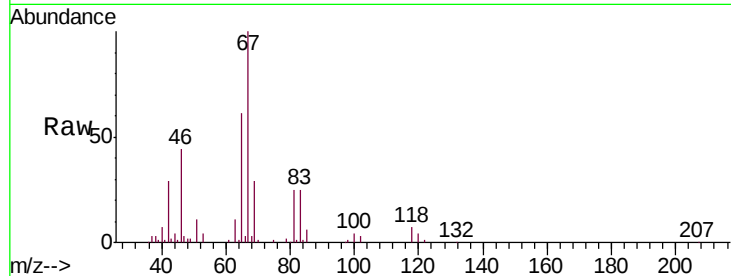
ESXB3MS

Tgt Ion: 63 Resp: 6438

Ion Ratio Lower Upper

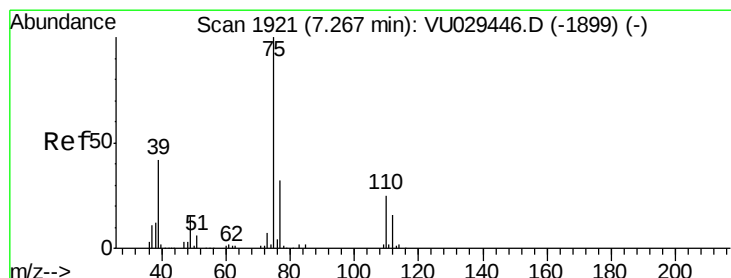
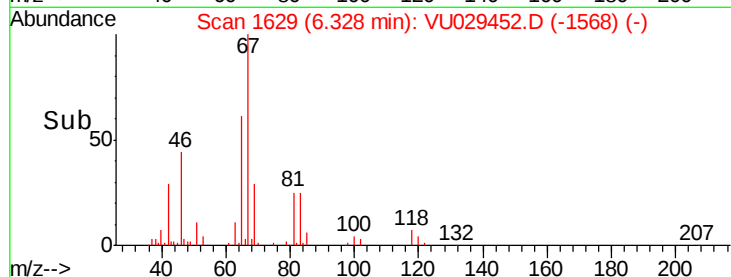
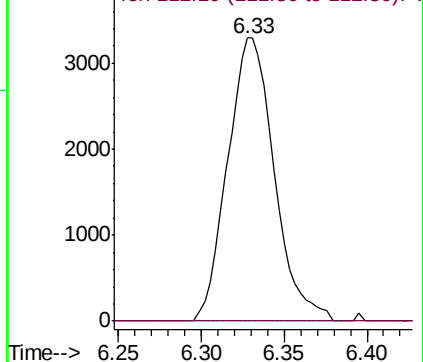
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.05 min

Lab File: VU029452.D

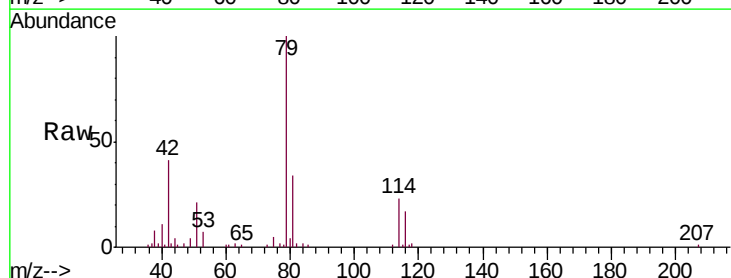
Acq: 14 Feb 2019 13:00

Tgt Ion: 75 Resp: 2002

Ion Ratio Lower Upper

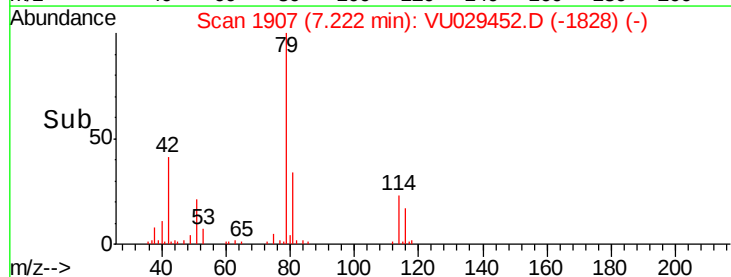
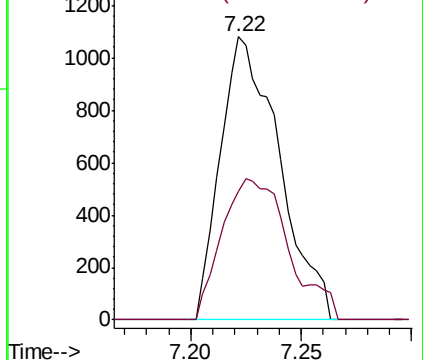
75 100

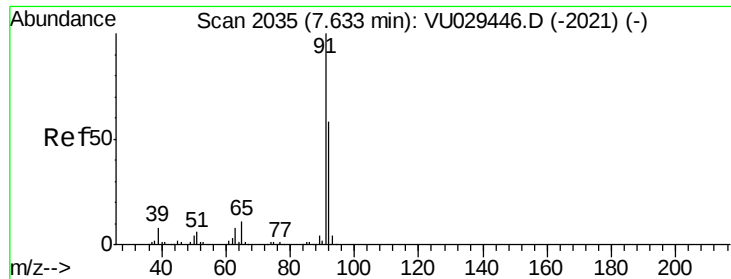
77 45.6 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#42

Toluene

Concen: 4.594 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU029452.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_U

ClientSampleId :

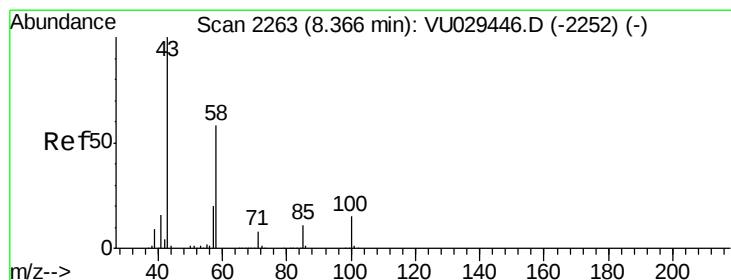
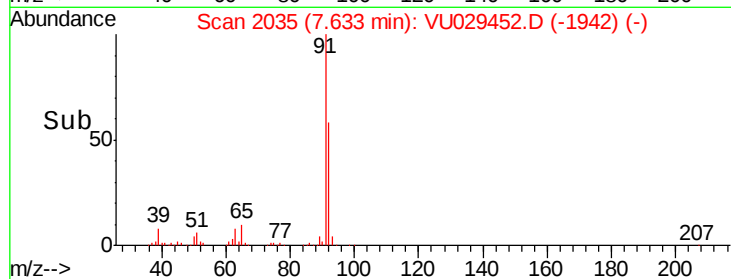
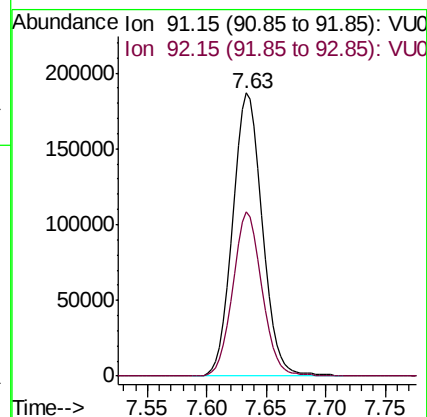
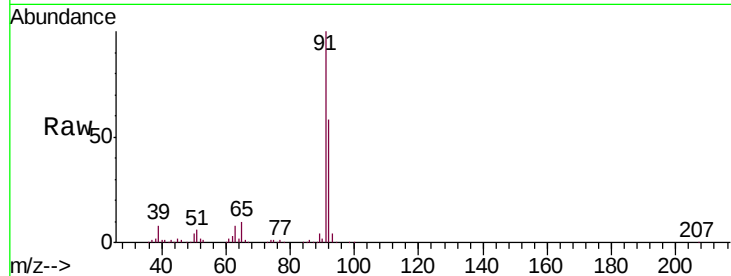
ESXB3MS

Tgt Ion: 91 Resp: 323074

Ion Ratio Lower Upper

91 100

92 57.8 39.8 73.8



#48

2-Hexanone

Concen: 0.415 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU029452.D

Acq: 14 Feb 2019 13:00

Tgt Ion: 43 Resp: 2734

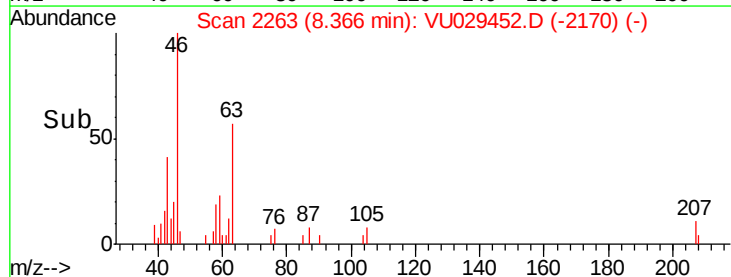
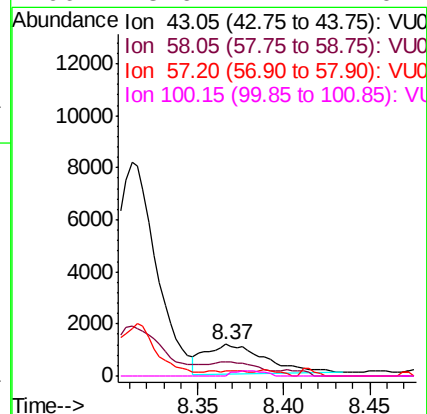
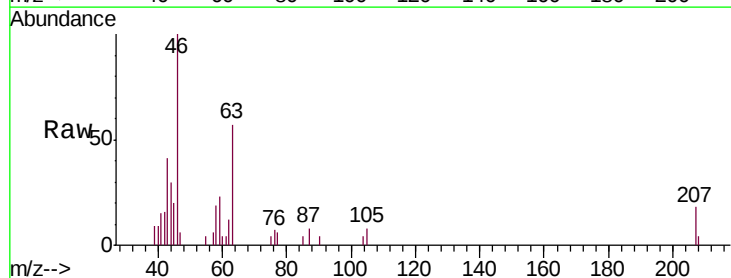
Ion Ratio Lower Upper

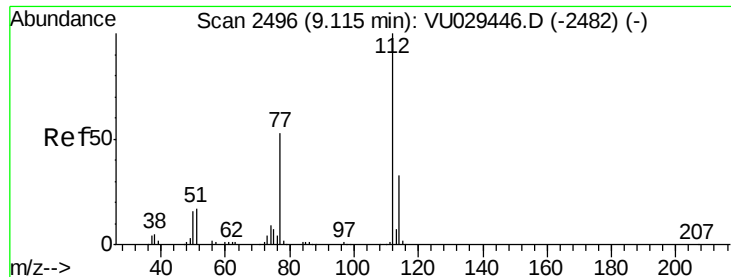
43 100

58 23.3 45.7 68.5#

57 9.2 16.4 24.6#

100 8.6 11.1 16.7#

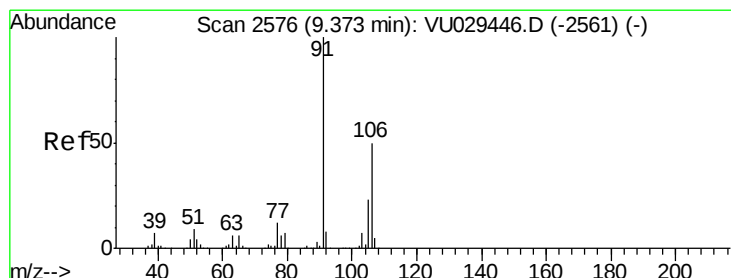
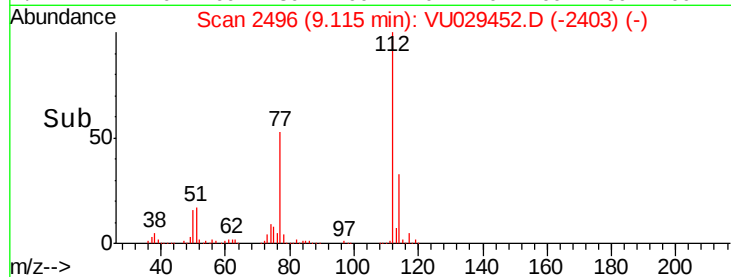
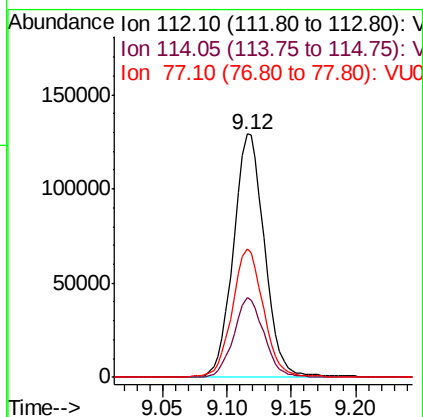
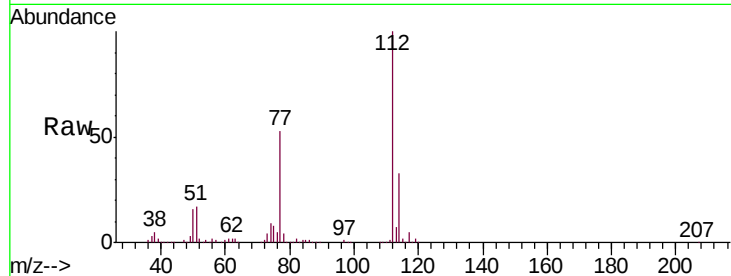




#51
Chlorobenzene
Concen: 4.476 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU029452.D
Acq: 14 Feb 2019 13:00

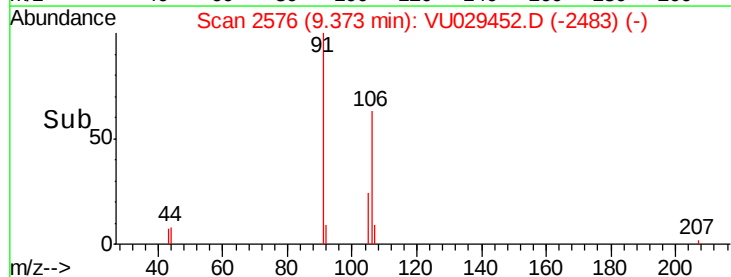
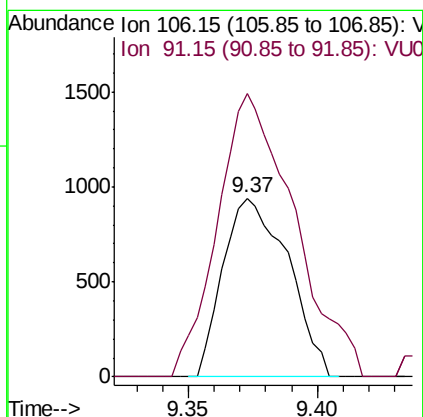
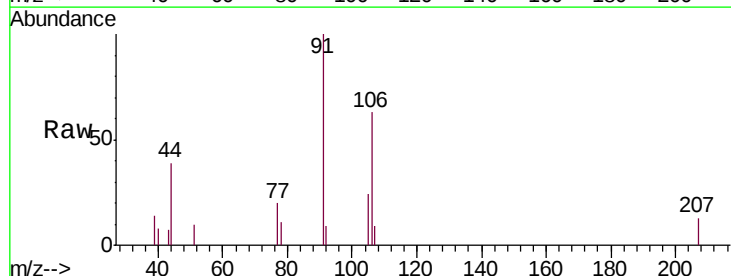
Instrument :
MSVOA_U
ClientSampleId :
ESXB3MS

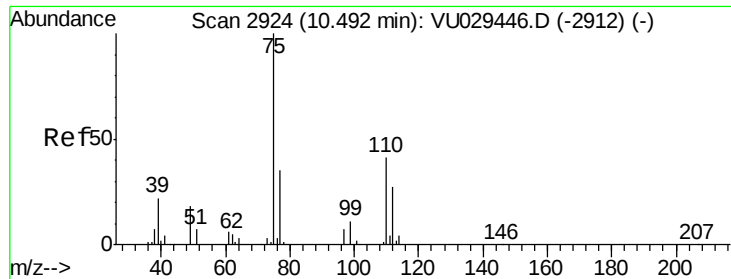
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.9	42.5
77	52.8	41.8	62.6



#53
m,p-xylene
Concen: 0.052 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029452.D
Acq: 14 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
106	100		
91	158.7	135.7	251.9





#59

1,2,3-Trichloropropane

Concen: 1.091 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029452.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_U

ClientSampleId :

ESXB3MS

Tgt Ion: 75 Resp: 10981

Ion Ratio Lower Upper

75 100

77 38.3 28.2 42.2

