

Data File : VU029458.D
Acq On : 14 Feb 2019 15:22
Operator : JC/SP
Sample : K1438-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXB6

Quant Time: Feb 15 00:48:35 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	191738	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	180133	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100139	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57196	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.68	69	52122	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.27	63	96937	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.19	46	125885	47.00	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.00%
24) Chloroform-d	4.65	84	95176	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.31	65	52352	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.34	84	218509	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.33	67	63247	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.56	98	215431	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.85	79	26829	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.31	63	128370	48.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53370	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	91995	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

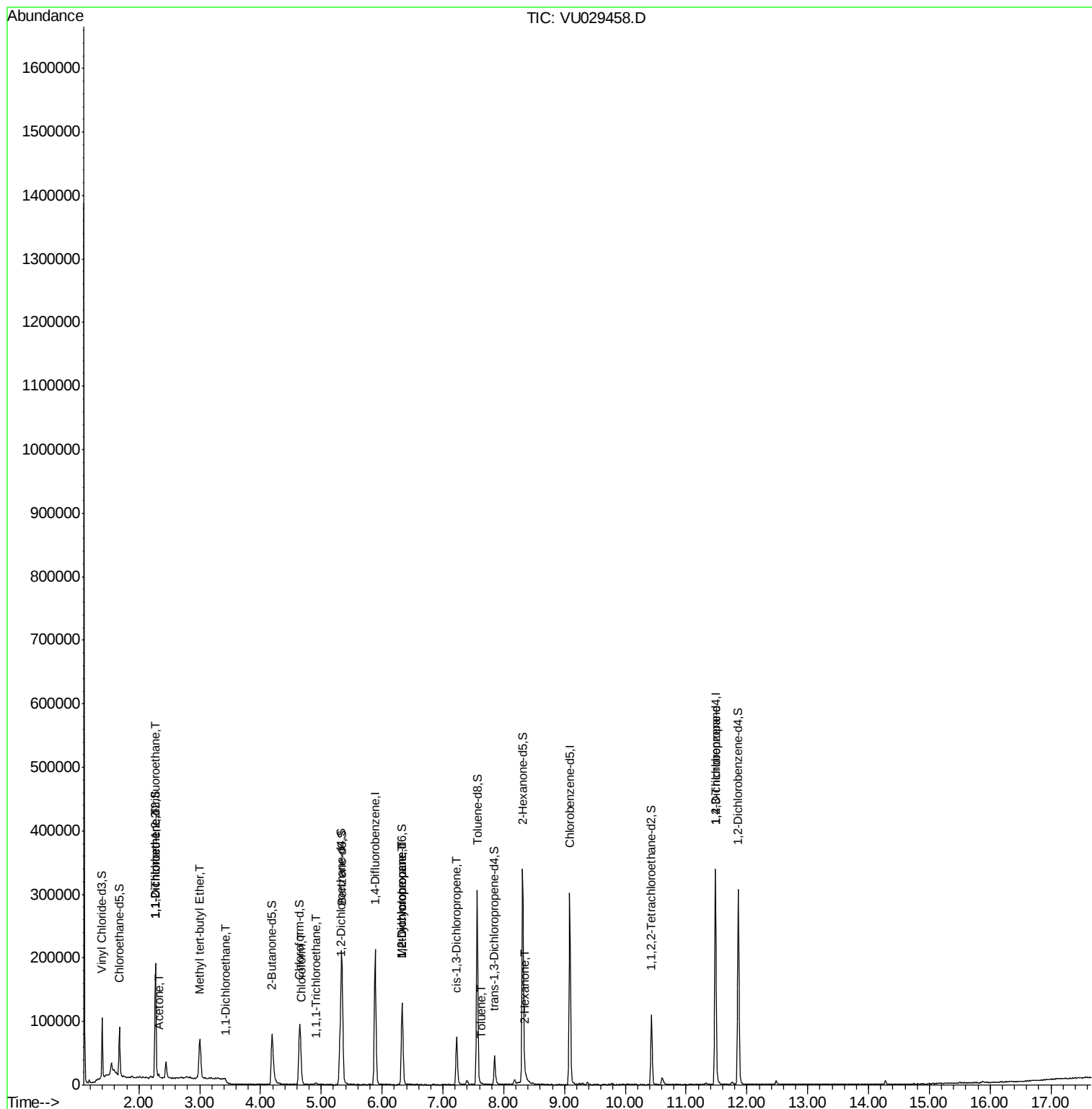
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1014	0.061	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	938	0.059	ug/L #	1
13) Acetone	2.32	43	3562	1.464	ug/L	88
17) Methyl tert-butyl Ether	3.00	73	69394	1.756	ug/L	98
19) 1,1-Dichloroethane	3.44	63	1702	0.067	ug/L	95
25) Chloroform	4.67	83	7719	0.304	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	1924	0.086	ug/L #	62
35) Methylcyclohexane	6.33	83	15497	0.618	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	6832	0.514	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1710	0.082	ug/L #	51
42) Toluene	7.64	91	1821	0.031	ug/L	95
48) 2-Hexanone	8.36	43	2680	0.480	ug/L #	43
59) 1,2,3-Trichloropropane	11.48	75	10092	1.185	ug/L	96

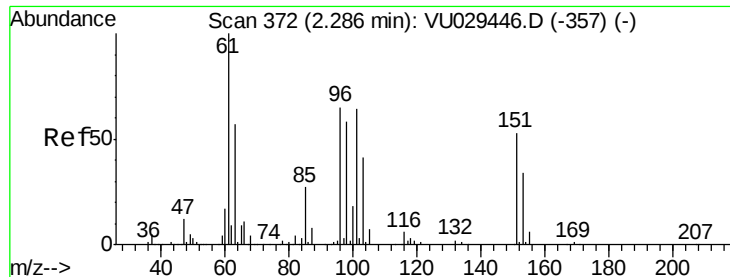
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029458.D
Acq On : 14 Feb 2019 15:22
Operator : JC/SP
Sample : K1438-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXB6

Quant Time: Feb 15 00:48:35 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





#10

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

Concen: 0.061 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU029458.D

Acq: 14 Feb 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

ESXB6

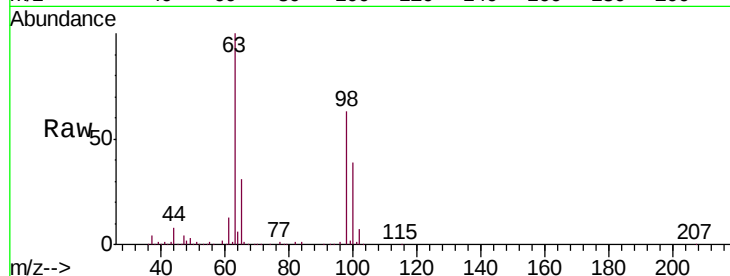
Tgt Ion: 101 Resp: 1014

Ion Ratio Lower Upper

101 100

85 2.1 35.1 52.7#

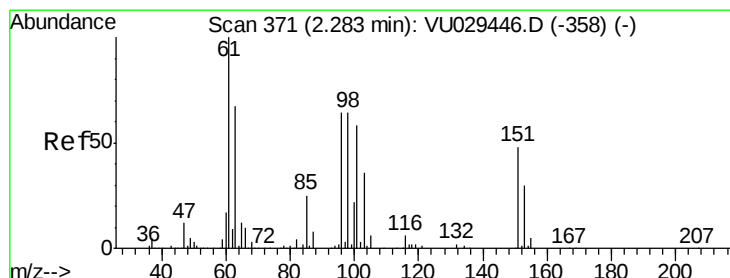
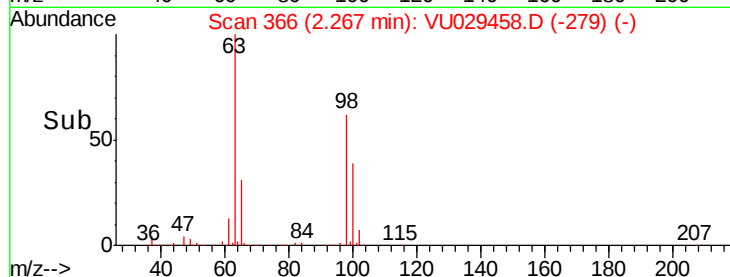
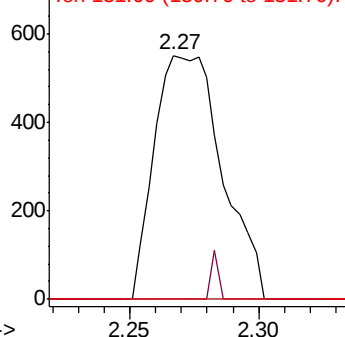
151 0.0 67.0 100.6#



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



#12

1,1-Dichloroethene

Concen: 0.059 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029458.D

Acq: 14 Feb 2019 15:22

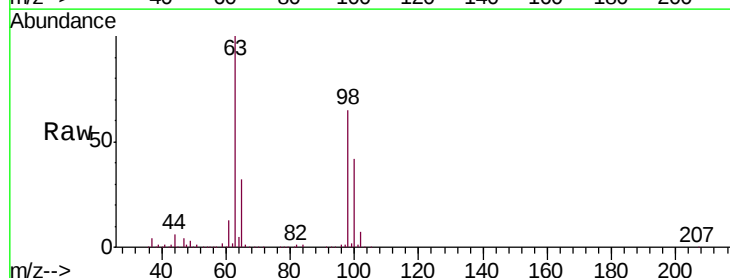
Tgt Ion: 96 Resp: 938

Ion Ratio Lower Upper

96 100

61 1549.3 115.1 213.7#

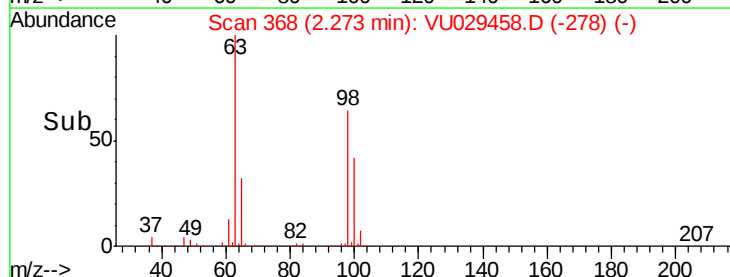
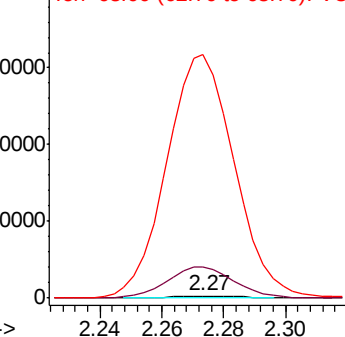
63 11884.6 83.5 155.1#

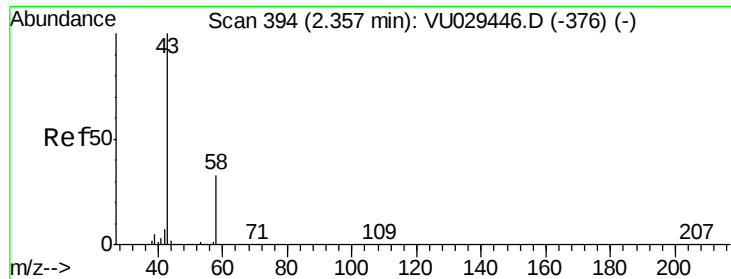


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.464 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU029458.D

Acq: 14 Feb 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

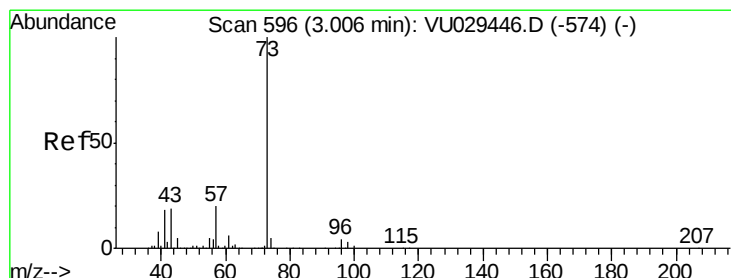
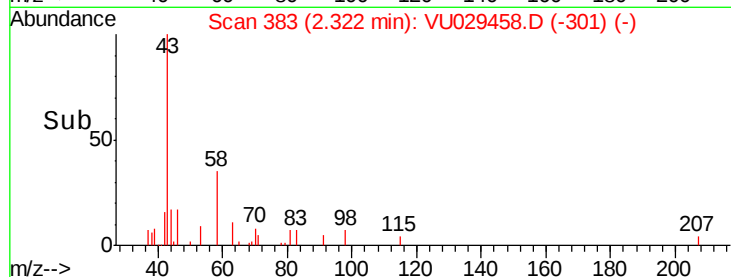
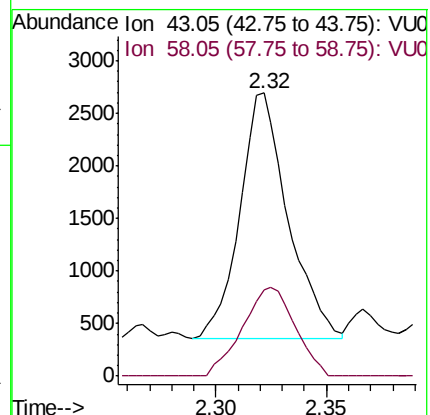
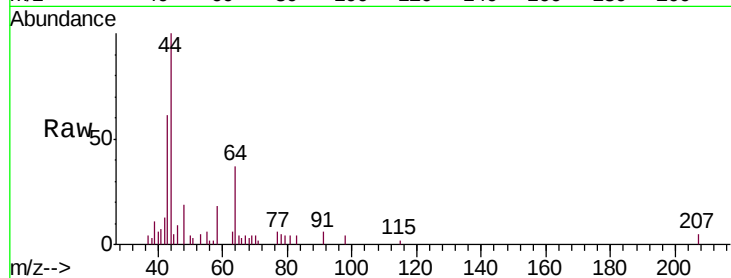
ESXB6

Tgt Ion: 43 Resp: 3562

Ion Ratio Lower Upper

43 100

58 39.3 0.0 65.0



#17

Methyl tert-butyl Ether

Concen: 1.756 ug/L

RT: 3.00 min Scan# 595

Delta R.T. -0.00 min

Lab File: VU029458.D

Acq: 14 Feb 2019 15:22

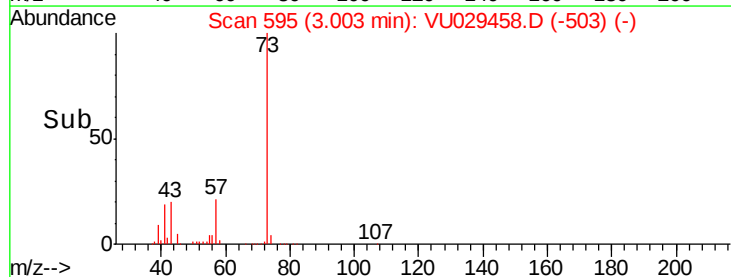
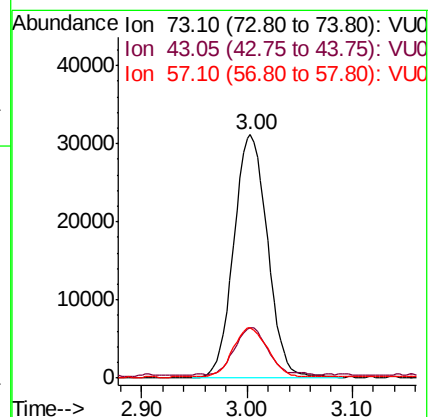
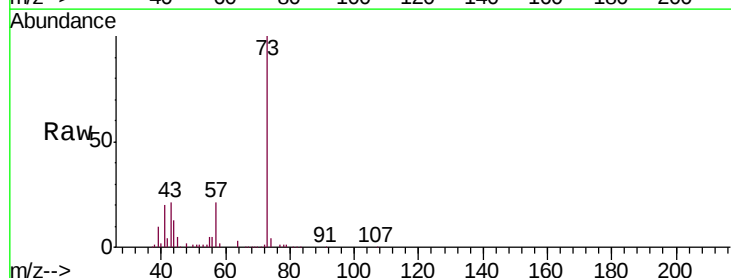
Tgt Ion: 73 Resp: 69394

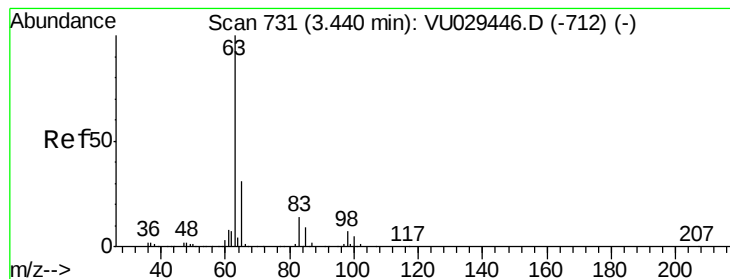
Ion Ratio Lower Upper

73 100

43 18.4 16.0 24.0

57 21.0 16.9 25.3





#19

1,1-Dichloroethane

Concen: 0.067 ug/L

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029458.D

Acq: 14 Feb 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

ESXB6

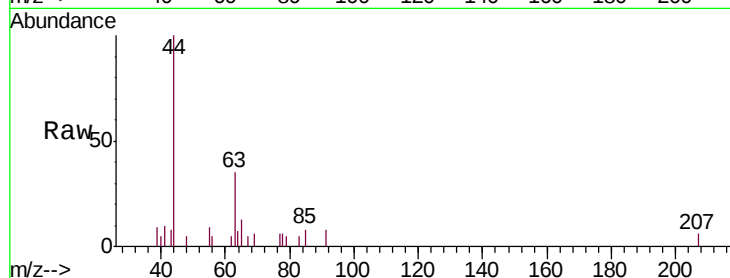
Tgt Ion: 63 Resp: 1702

Ion Ratio Lower Upper

63 100

65 37.3 23.5 43.7

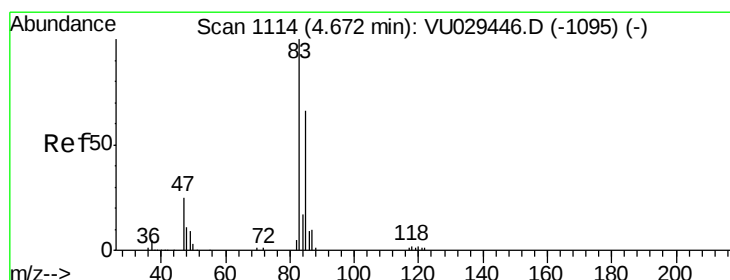
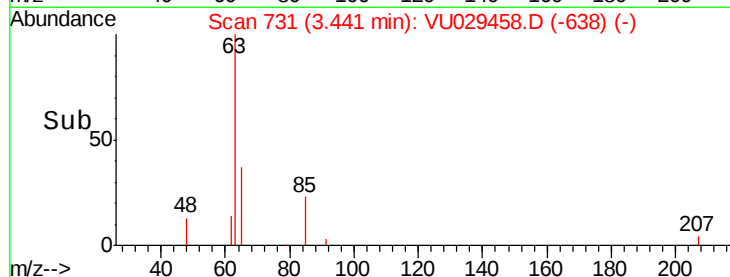
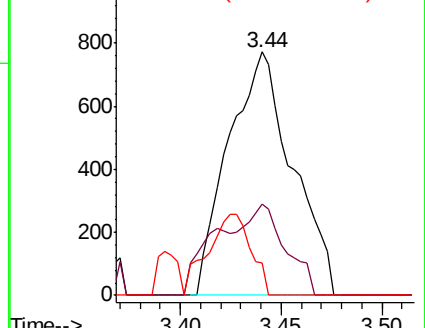
83 13.5 10.3 19.1



Abundance Ion 63.10 (62.80 to 63.80): VU029446.D (-712) (-)

Ion 65.10 (64.80 to 65.80): VU029446.D (-712) (-)

Ion 83.05 (82.75 to 83.75): VU029446.D (-712) (-)



#25

Chloroform

Concen: 0.304 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029458.D

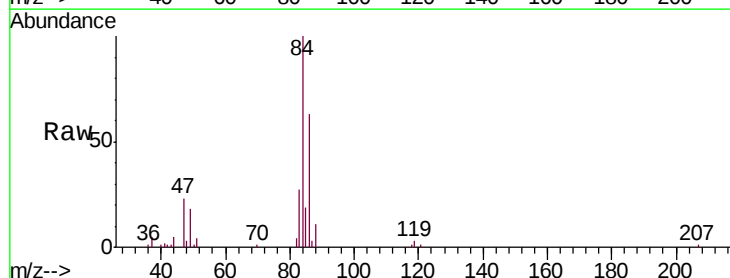
Acq: 14 Feb 2019 15:22

Tgt Ion: 83 Resp: 7719

Ion Ratio Lower Upper

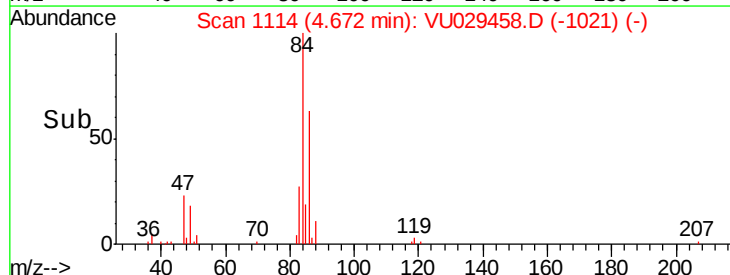
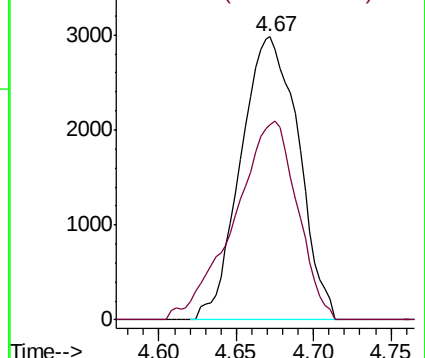
83 100

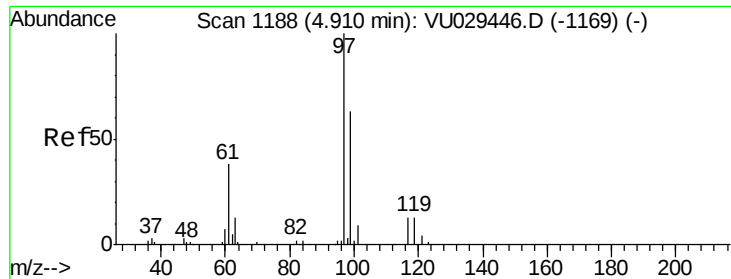
85 69.1 47.8 88.8



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

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

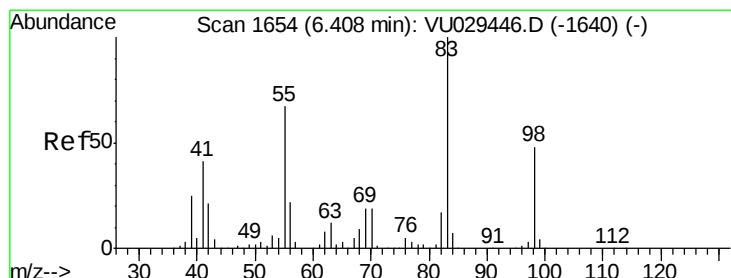
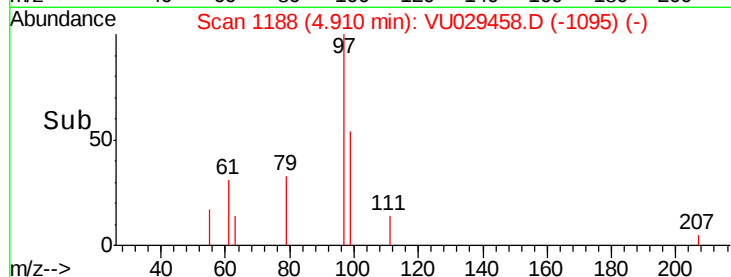
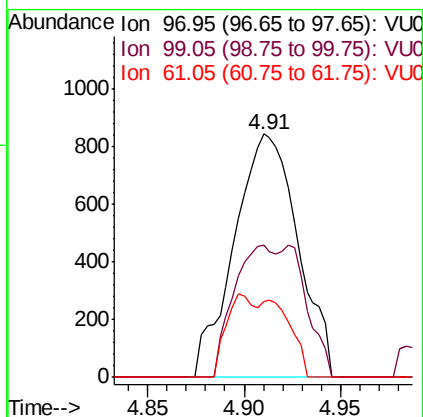
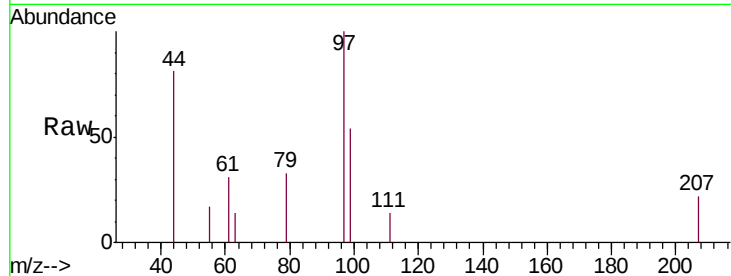




#29
 1,1,1-Trichloroethane
 Concen: 0.086 ug/L
 RT: 4.91 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: VU029458.D
 Acq: 14 Feb 2019 15:22

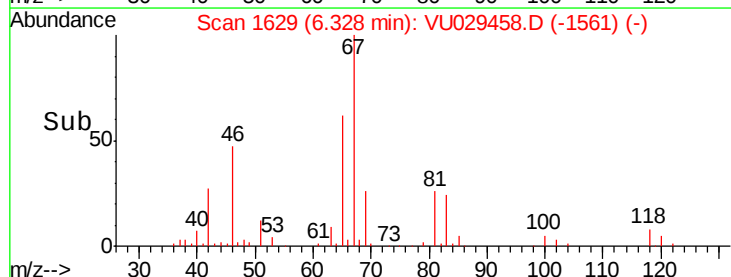
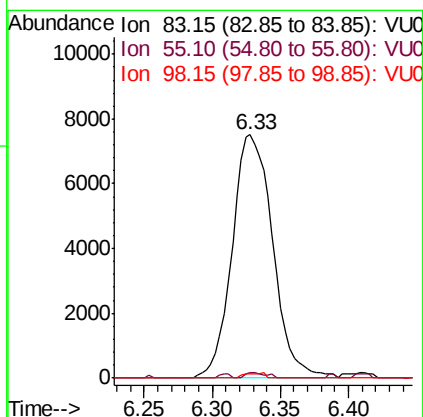
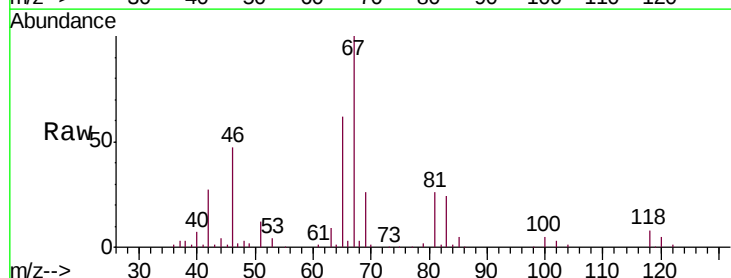
Instrument :
 MSVOA_U
 ClientSampleId :
 ESXB6

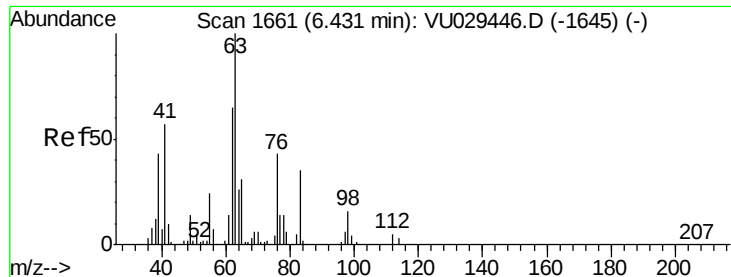
Tgt Ion: 97 Resp: 1924
 Ion Ratio Lower Upper
 97 100
 99 35.9 52.2 78.2#
 61 16.1 32.0 48.0#



#35
 Methylcyclohexane
 Concen: 0.618 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU029458.D
 Acq: 14 Feb 2019 15:22

Tgt Ion: 83 Resp: 15497
 Ion Ratio Lower Upper
 83 100
 55 1.1 55.9 83.9#
 98 1.0 38.6 57.8#





#37

1,2-Dichloropropane

Concen: 0.514 ug/L

RT: 6.33 min Scan# 1631

Delta R.T. -0.10 min

Lab File: VU029458.D

Acq: 14 Feb 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

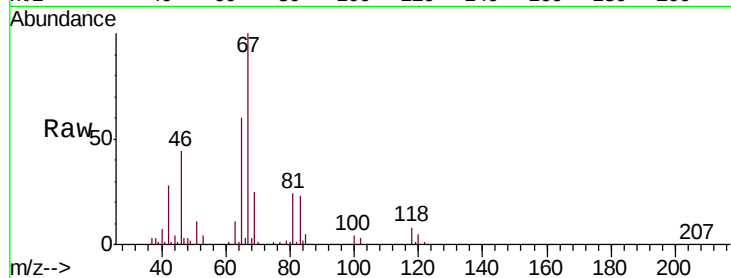
ESXB6

Tgt Ion: 63 Resp: 6832

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU029446.D (-1645) (-)

Ion 112.10 (111.80 to 112.80): VU029446.D (-1645) (-)

6.33

3000

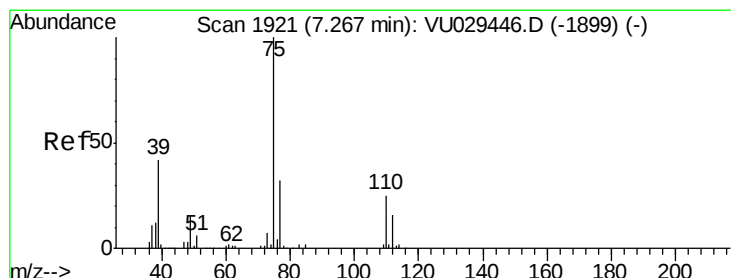
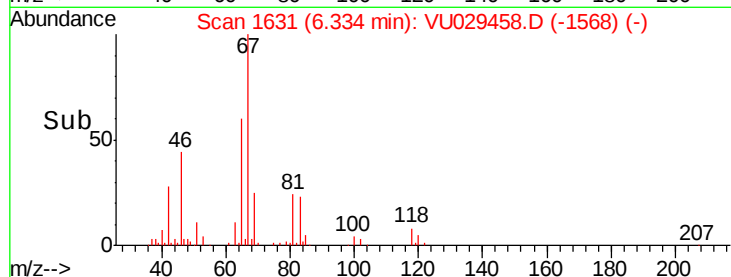
2000

1000

0

6.25 6.30 6.35 6.40

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029458.D

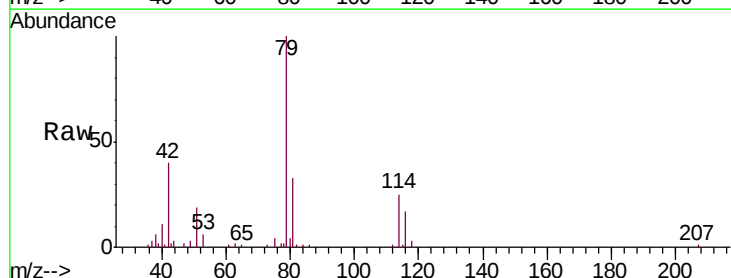
Acq: 14 Feb 2019 15:22

Tgt Ion: 75 Resp: 1710

Ion Ratio Lower Upper

75 100

77 59.2 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU029446.D (-1899) (-)

Ion 77.05 (76.75 to 77.75): VU029446.D (-1899) (-)

7.23

1000

800

600

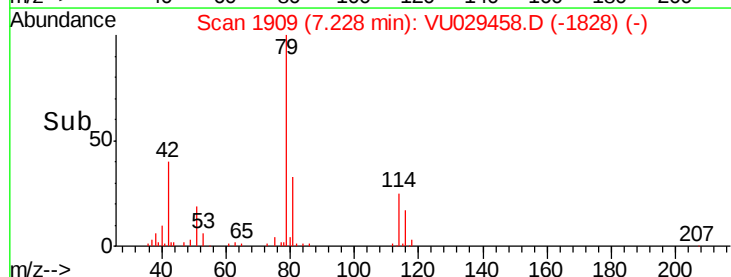
400

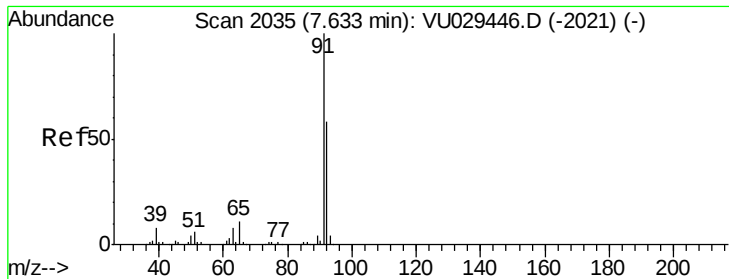
200

0

7.20 7.25

Time-->





#42

Toluene

Concen: 0.031 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU029458.D

Acq: 14 Feb 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

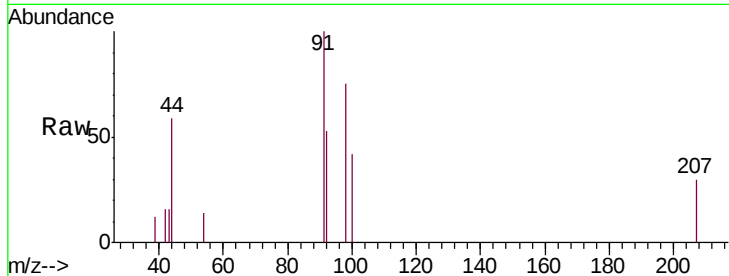
ESXB6

Tgt Ion: 91 Resp: 1821

Ion Ratio Lower Upper

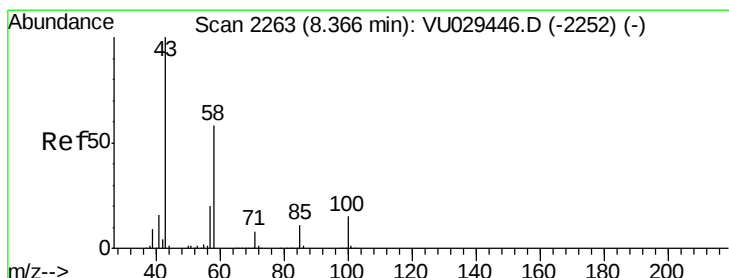
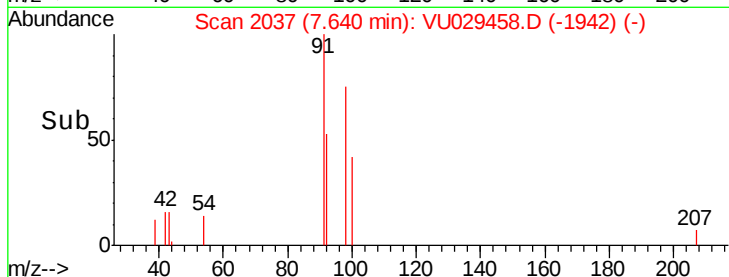
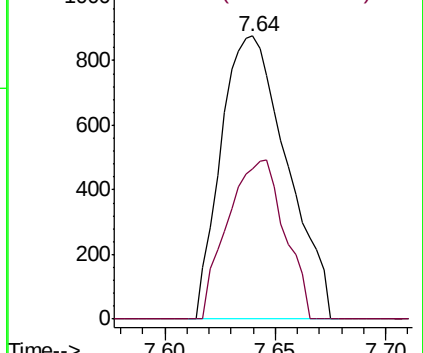
91 100

92 53.2 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#48

2-Hexanone

Concen: 0.480 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. -0.01 min

Lab File: VU029458.D

Acq: 14 Feb 2019 15:22

Tgt Ion: 43 Resp: 2680

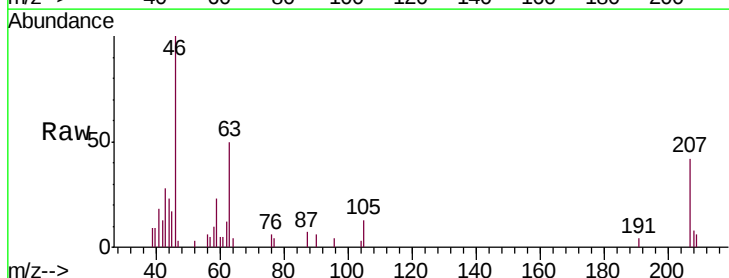
Ion Ratio Lower Upper

43 100

58 0.0 45.7 68.5#

57 12.5 16.4 24.6#

100 0.0 11.1 16.7#

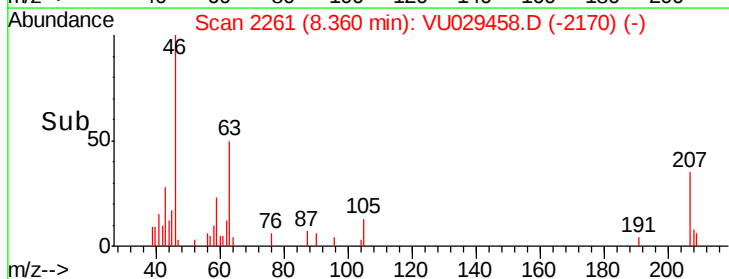
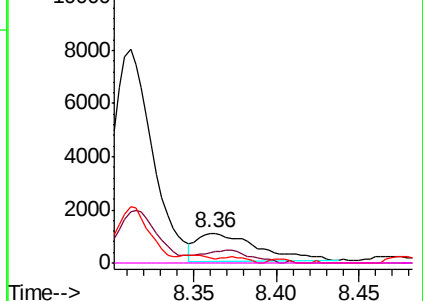


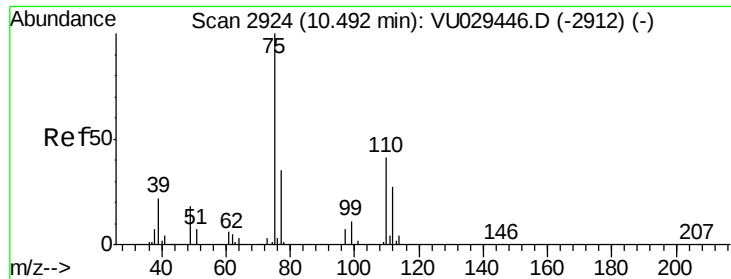
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.185 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029458.D

Acq: 14 Feb 2019 15:22

Instrument :

MSVOA_U

ClientSampleId :

ESXB6

Tgt Ion: 75 Resp: 10092

Ion Ratio Lower Upper

75 100

77 37.5 28.2 42.2

