

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026023.D
 Acq On : 10 Aug 2018 02:31
 Operator : MD/SY
 Sample : J4401-07 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 07:43:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 07:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	296229	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282311	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	139344	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78784	36.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.76%
7) Chloroethane-d5	1.68	69	71919	41.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.78%
11) 1,1-Dichloroethene-d2	2.27	63	121260	29.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.94%#
21) 2-Butanone-d5	4.18	46	157311	87.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.17%
24) Chloroform-d	4.65	84	199989	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	5.31	65	137951	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
32) Benzene-d6	5.35	84	377248	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
36) 1,2-Dichloropropane-d6	6.33	67	127095	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.62%
41) Toluene-d8	7.57	98	346761	41.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.68%
43) trans-1,3-Dichloropropene-	7.85	79	58662	41.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.10%
47) 2-Hexanone-d5	8.31	63	111031	86.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.18%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	183557	44.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.50%
64) 1,2-Dichlorobenzene-d4	11.49	152	127534	37.13	ug/L	-0.38
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.26%#

Target Compounds

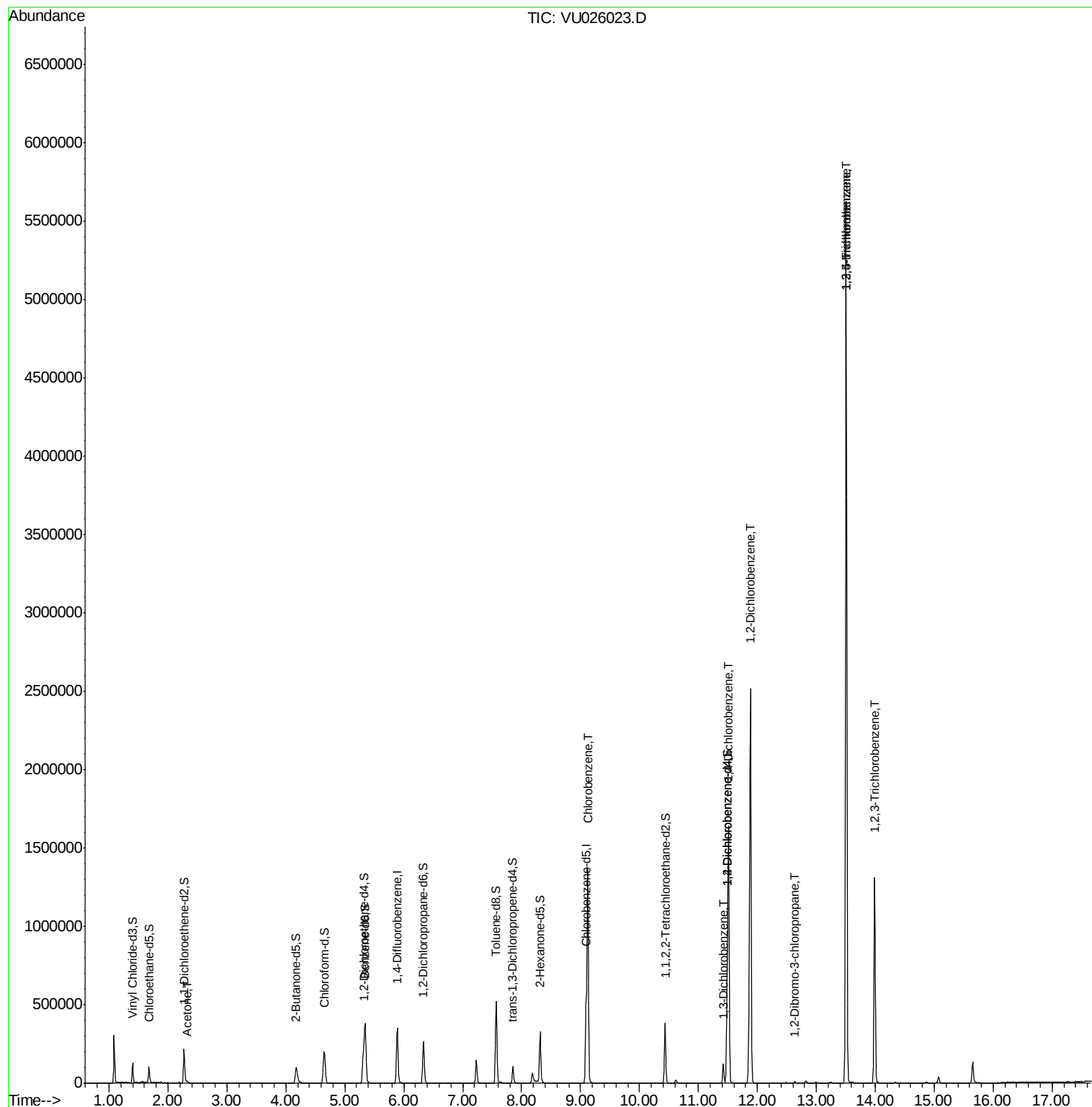
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	10957	9.774	ug/L	98
51) Chlorobenzene	9.12	112	720458	125.196	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	49988	11.523	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	627846	138.062	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	960535	208.020	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	1622	2.001	ug/L #	1
67) 1,3,5-Trichlorobenzene	13.51	180	1684649	519.602	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	1684649	614.445	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	405501	137.606	ug/L	100

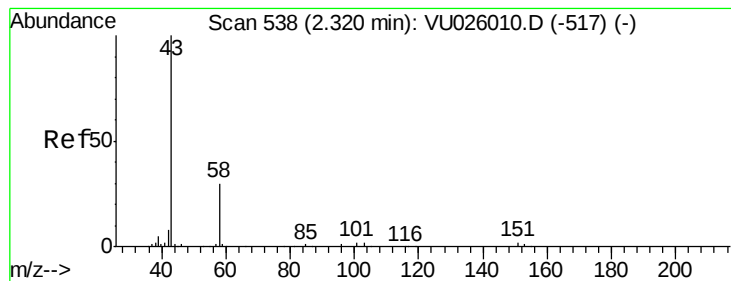
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 07:39:13 2018
Response via : Initial Calibration





#13

Acetone

Concen: 9.774 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026023.D

Acq: 10 Aug 2018 02:31

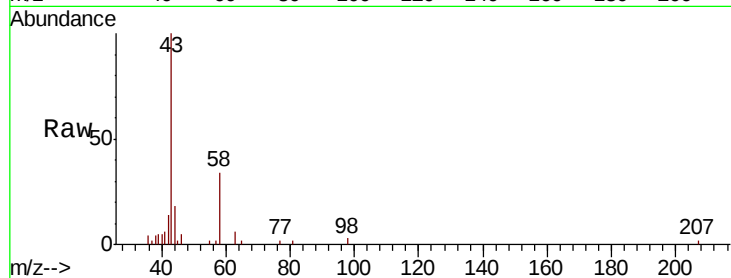
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 10957

Ion Ratio Lower Upper

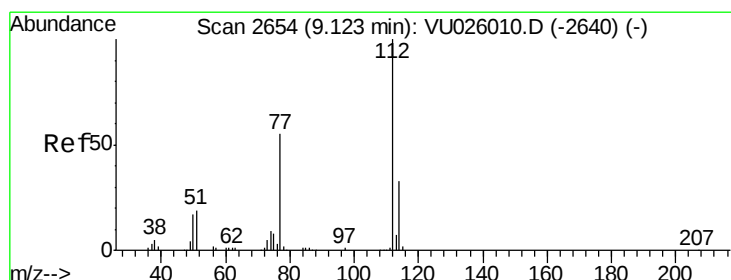
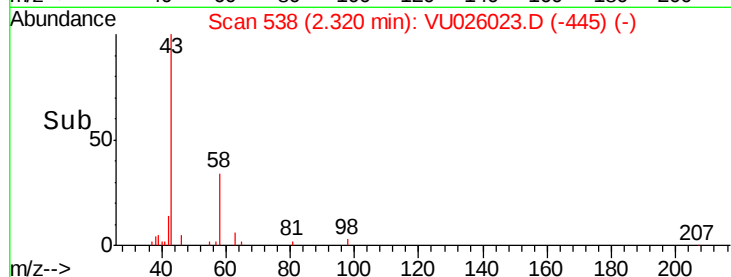
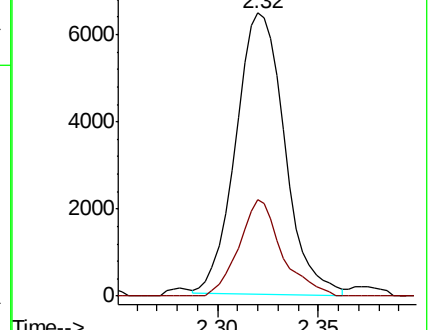
43 100

58 29.9 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU026010.D (-517) (-)

Ion 58.00 (57.70 to 58.70): VU026010.D (-517) (-)



#51

Chlorobenzene

Concen: 125.196 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU026023.D

Acq: 10 Aug 2018 02:31

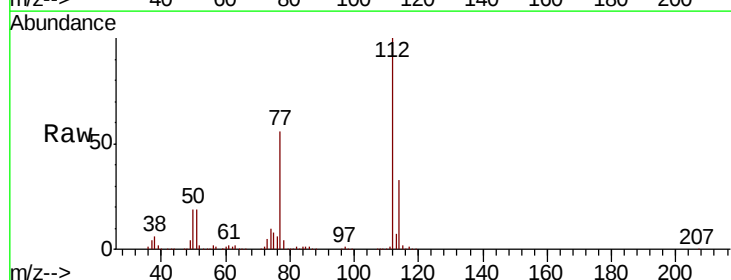
Tgt Ion: 112 Resp: 720458

Ion Ratio Lower Upper

112 100

114 33.2 22.7 42.3

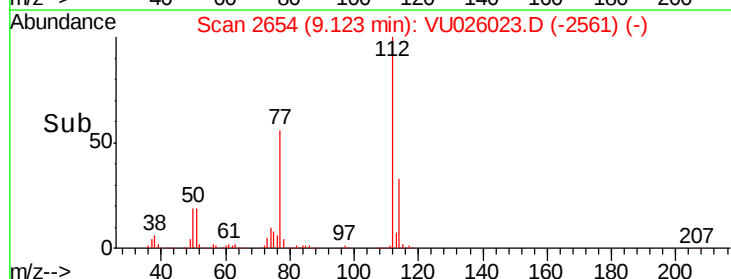
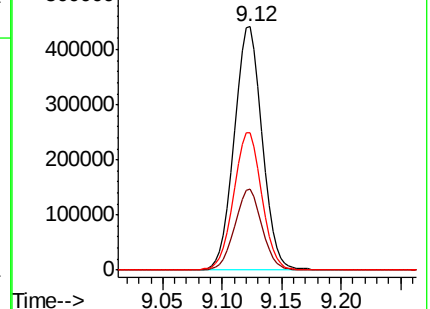
77 56.2 45.2 67.8

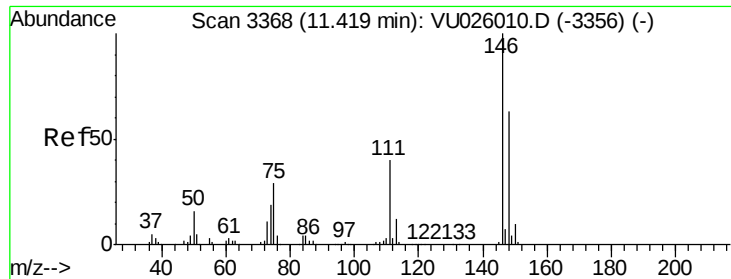


Abundance Ion 112.00 (111.70 to 112.70): VU026010.D (-2640) (-)

Ion 114.00 (113.70 to 114.70): VU026010.D (-2640) (-)

Ion 77.00 (76.70 to 77.70): VU026010.D (-2640) (-)





#62

1,3-Dichlorobenzene

Concen: 11.523 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU026023.D

Acq: 10 Aug 2018 02:31

Instrument :

MSVOA_U

ClientSampled :

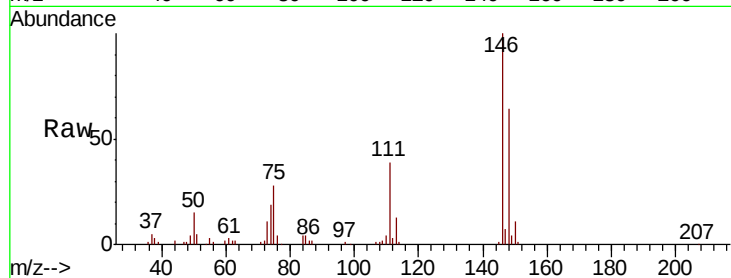
Tot Ion:146 Resp: 49988

Ion Ratio Lower Upper

146 100

111 38.8 27.9 51.9

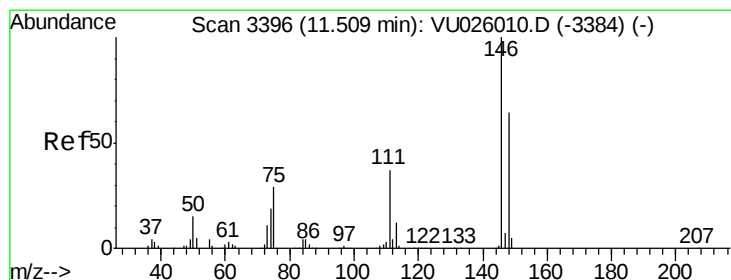
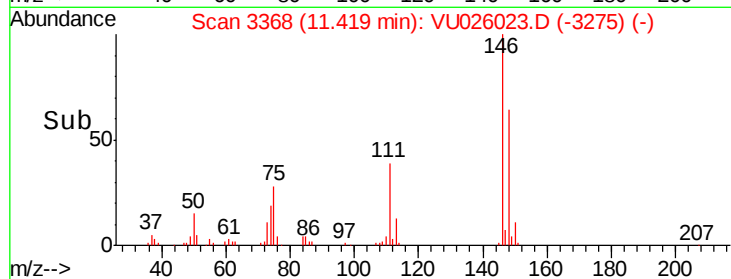
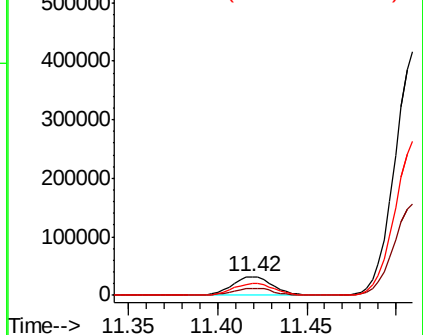
148 63.6 46.0 85.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 138.062 ug/L

RT: 11.51 min Scan# 3396

Delta R.T. -0.00 min

Lab File: VU026023.D

Acq: 10 Aug 2018 02:31

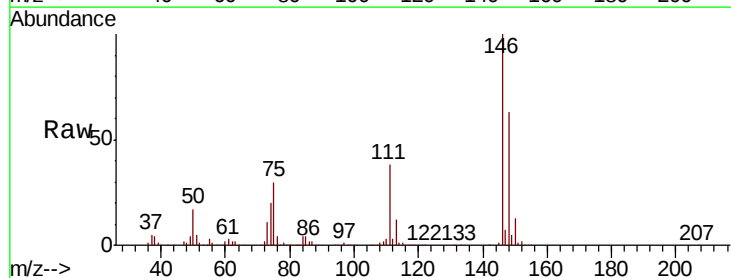
Tgt Ion:146 Resp: 627846

Ion Ratio Lower Upper

146 100

111 37.7 26.4 49.0

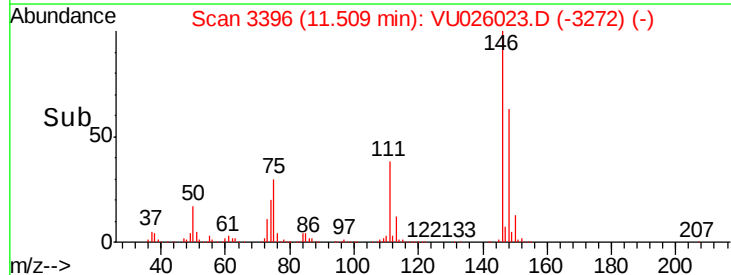
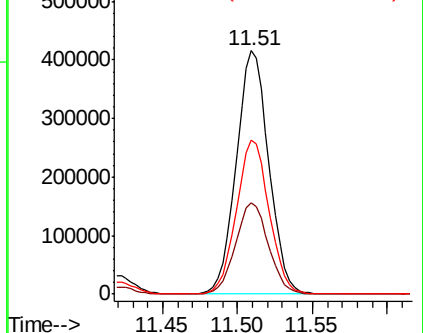
148 63.2 43.8 81.4

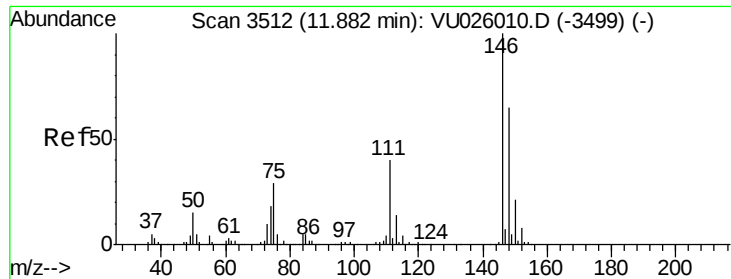


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 208.020 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU026023.D

Acq: 10 Aug 2018 02:31

Instrument :

MSVOA_U

ClientSampled :

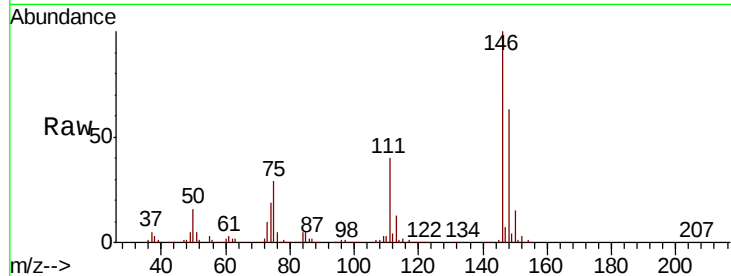
Tot Ion:146 Resp: 960535

Ion Ratio Lower Upper

146 100

111 39.7 32.4 48.6

148 62.8 50.1 75.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

11.88

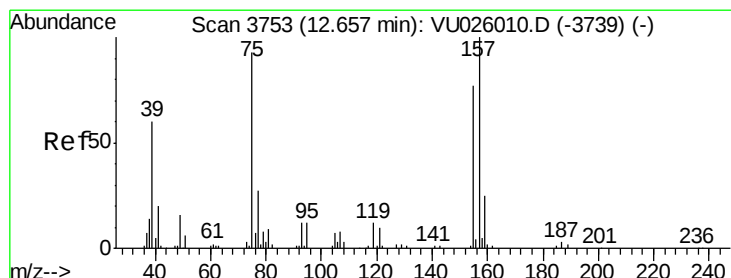
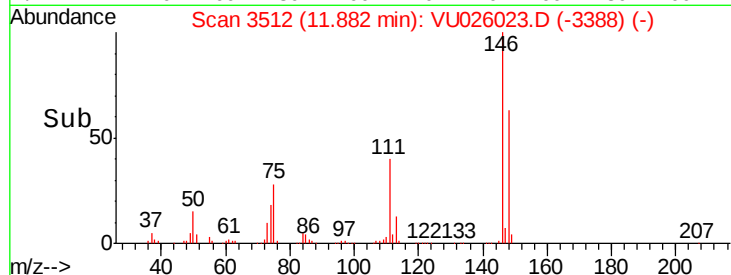
600000

400000

200000

0

Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 2.001 ug/L

RT: 12.64 min Scan# 3747

Delta R.T. -0.02 min

Lab File: VU026023.D

Acq: 10 Aug 2018 02:31

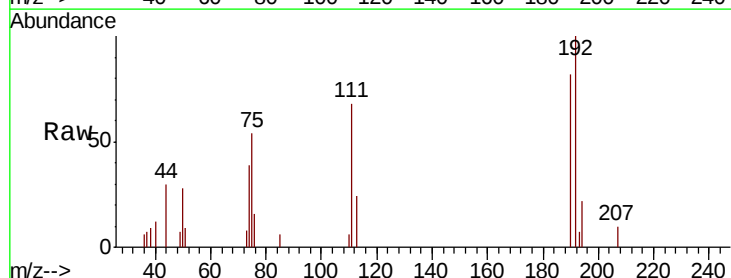
Tgt Ion: 75 Resp: 1622

Ion Ratio Lower Upper

75 100

155 0.0 71.8 107.8#

157 0.0 93.0 139.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

12.64

1200

1000

800

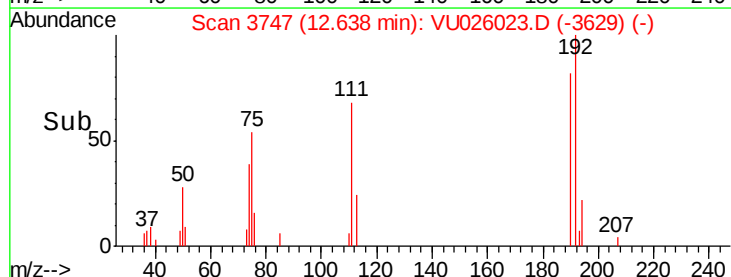
600

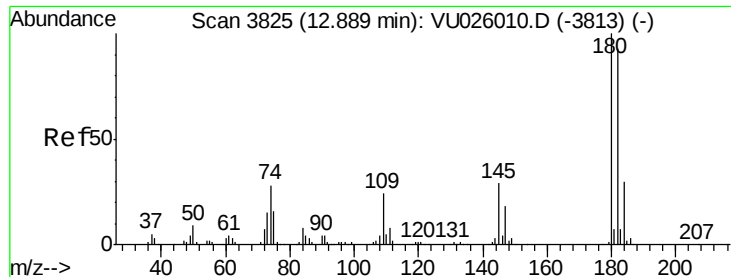
400

200

0

Time-->

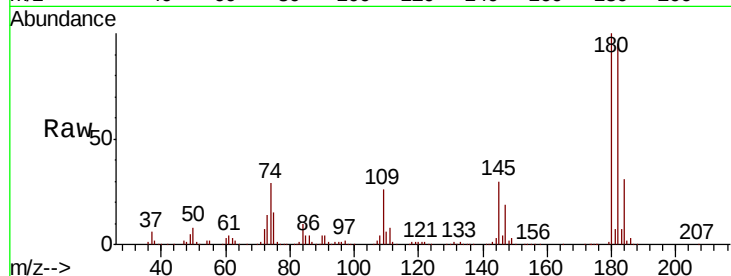




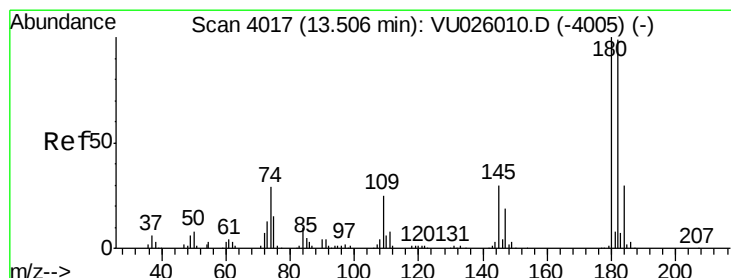
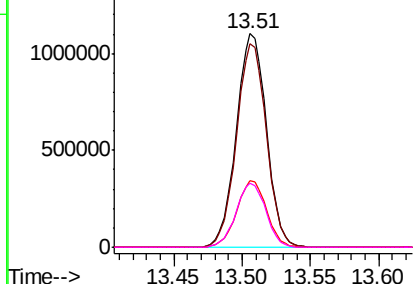
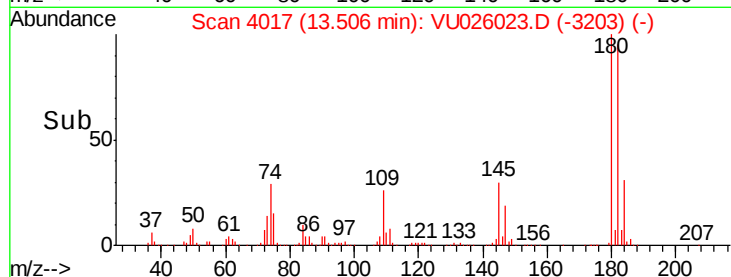
#67
 1,3,5-Trichlorobenzene
 Concen: 519.602 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.62 min
 Lab File: VU026023.D
 Acq: 10 Aug 2018 02:31

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 1684649
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.5 114.7
 184 30.8 24.3 36.5
 145 29.8 23.5 35.3

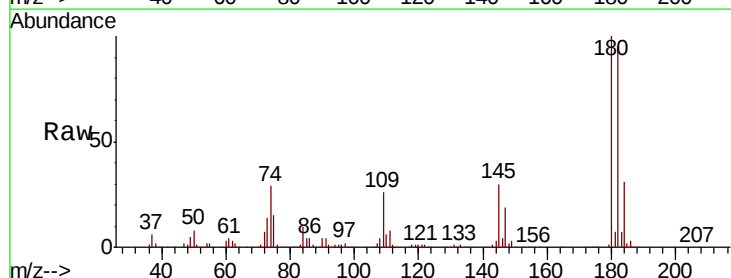


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

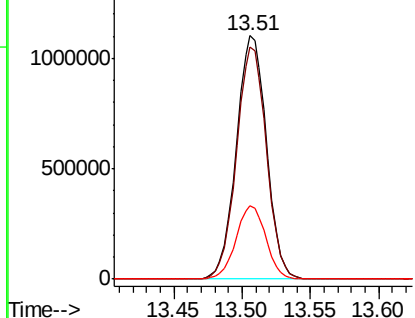
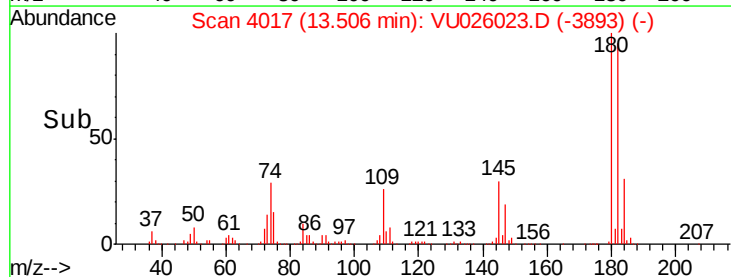


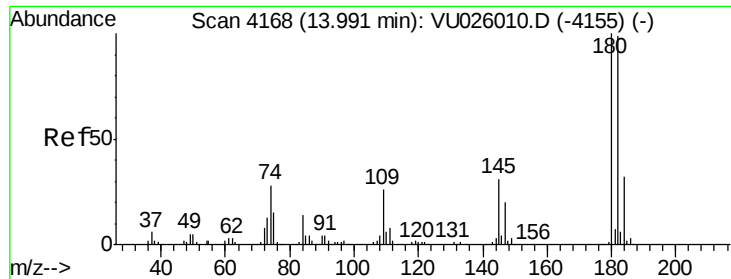
#68
 1,2,4-trichlorobenzene
 Concen: 614.445 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU026023.D
 Acq: 10 Aug 2018 02:31

Tgt Ion:180 Resp: 1684649
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.5 114.7
 145 29.8 24.2 36.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

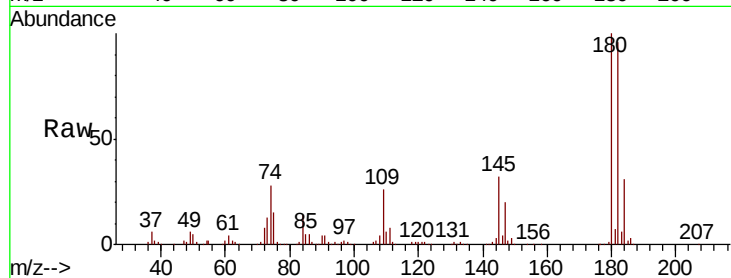




#70
 1,2,3-Trichlorobenzene
 Concen: 137.606 ug/L
 RT: 13.99 min Scan# 4167
 Delta R.T. -0.00 min
 Lab File: VU026023.D
 Acq: 10 Aug 2018 02:31

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.5	114.7
145	31.2	24.7	37.1



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

