

Data File : VU027507.D
Acq On : 08 Oct 2018 18:25
Operator : MD/SY
Sample : J5298-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W0

Quant Time: Oct 09 05:23:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 05:21:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	188842	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	171772	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55282	37.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.40%
7) Chloroethane-d5	1.68	69	46758	40.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.68%
11) 1,1-Dichloroethene-d2	2.27	63	80891	29.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.04%#
21) 2-Butanone-d5	4.18	46	128146	106.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.81%
24) Chloroform-d	4.65	84	110455	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
26) 1,2-Dichloroethane-d4	5.31	65	78329	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
32) Benzene-d6	5.34	84	213870	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.88%
36) 1,2-Dichloropropane-d6	6.33	67	80944	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.00%
41) Toluene-d8	7.57	98	178838	40.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.28%
43) trans-1,3-Dichloropropene-	7.85	79	34132	42.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.02%
47) 2-Hexanone-d5	8.31	63	89343	104.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109565	49.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	68600	46.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.58%

Target Compounds

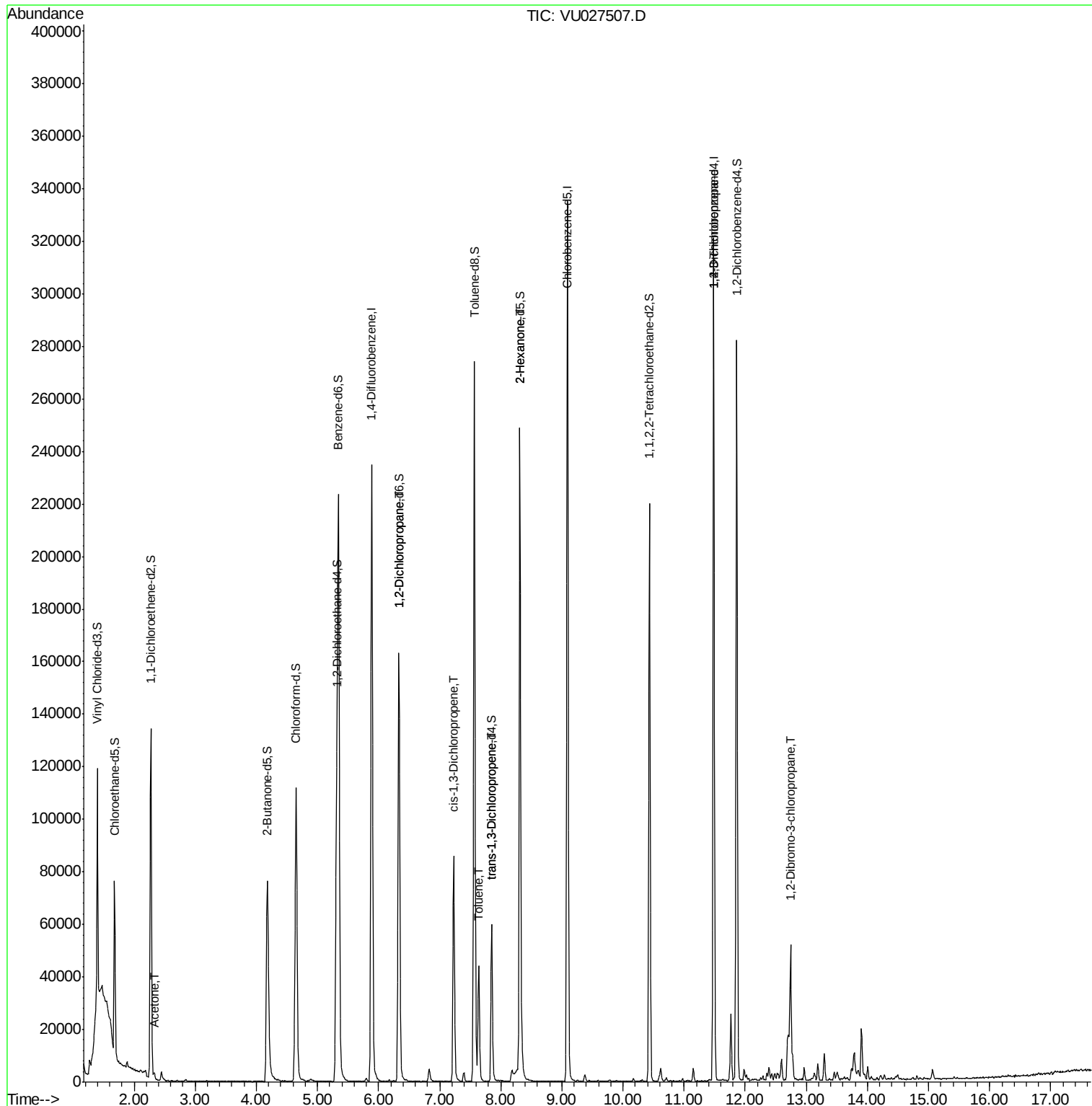
						Qvalue
13) Acetone	2.32	43	1666	1.693	ug/L	69
37) 1,2-Dichloropropane	6.33	63	8617	5.269	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2078	0.865	ug/L	86
42) Toluene	7.64	91	31880	5.629	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	1374	0.616	ug/L	97
48) 2-Hexanone	8.31	43	10669	5.642	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	10461	5.650	ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.74	75	1409	3.167	ug/L #	6

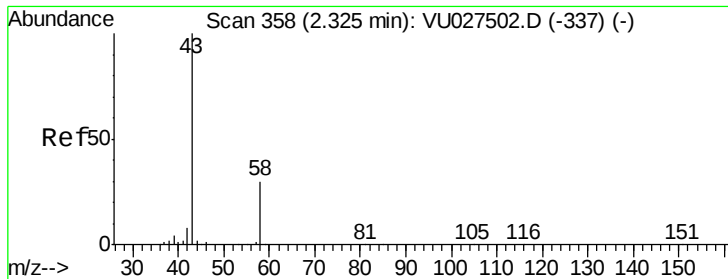
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.693 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027507.D

Acq: 08 Oct 2018 18:25

Instrument :

MSVOA_U

ClientSampleId :

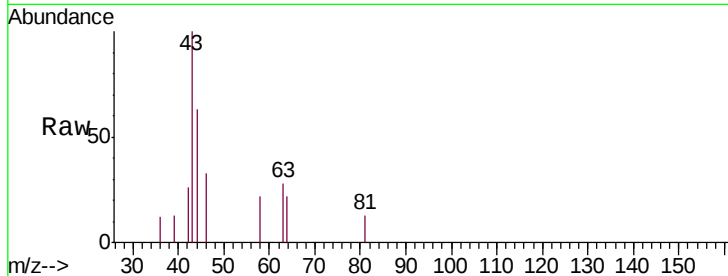
E62W0

Tgt Ion: 43 Resp: 1666

Ion Ratio Lower Upper

43 100

58 13.3 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU027502.D (-337) (-)

Ion 58.00 (57.70 to 58.70): VU027502.D (-337) (-)

2.32

1000

800

600

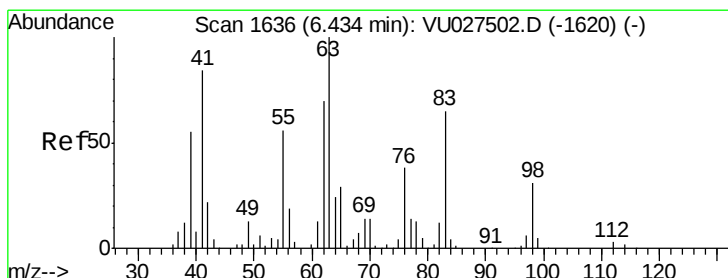
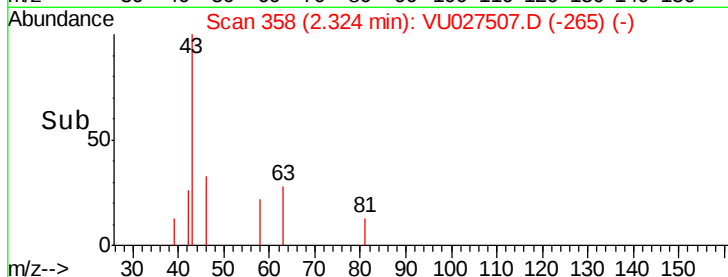
400

200

0

Time-->

2.30 2.35



#37

1,2-Dichloropropane

Concen: 5.269 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU027507.D

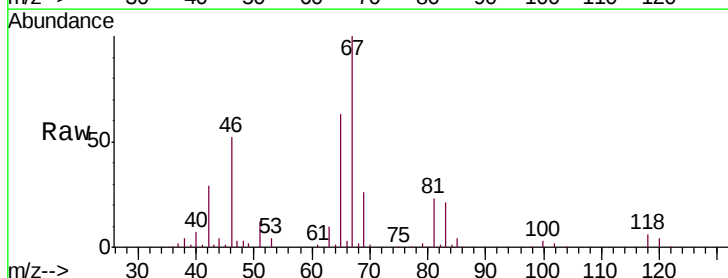
Acq: 08 Oct 2018 18:25

Tgt Ion: 63 Resp: 8617

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU027502.D (-1620) (-)

Ion 112.00 (111.70 to 112.70): VU027502.D (-1620) (-)

6.33

5000

4000

3000

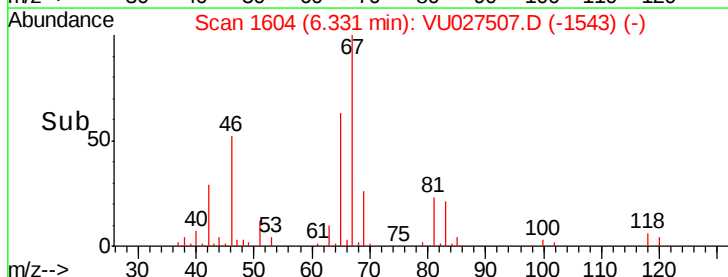
2000

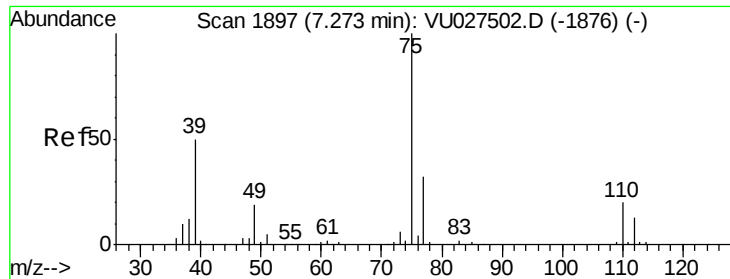
1000

0

Time-->

6.30 6.35 6.40

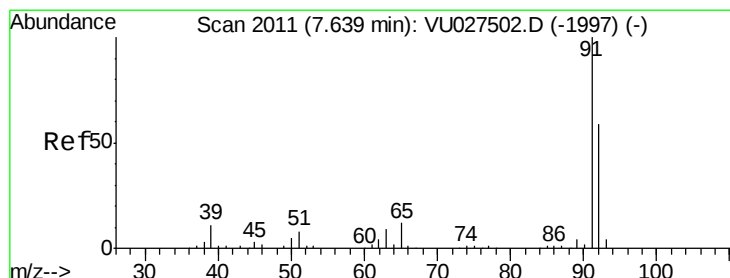
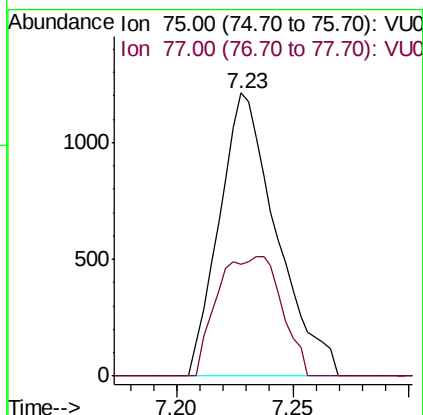
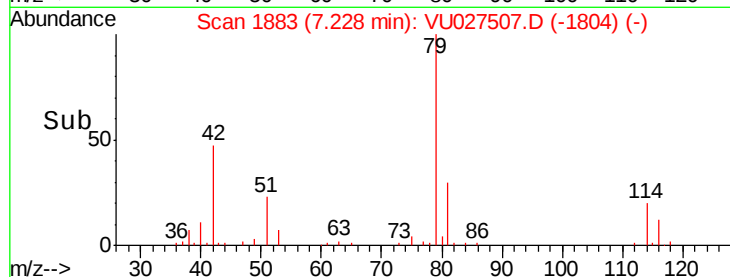
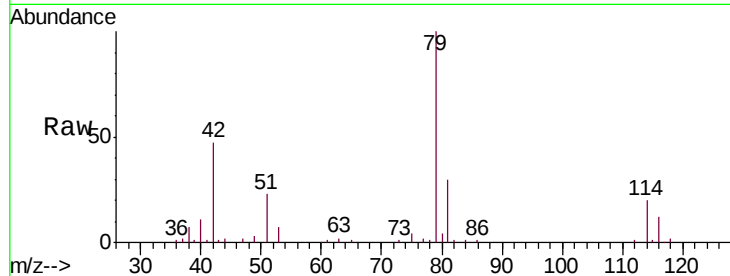




#39
 cis-1,3-Dichloropropene
 Concen: 0.865 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.05 min
 Lab File: VU027507.D
 Acq: 08 Oct 2018 18:25

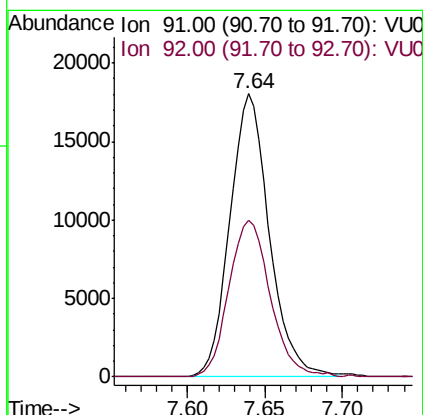
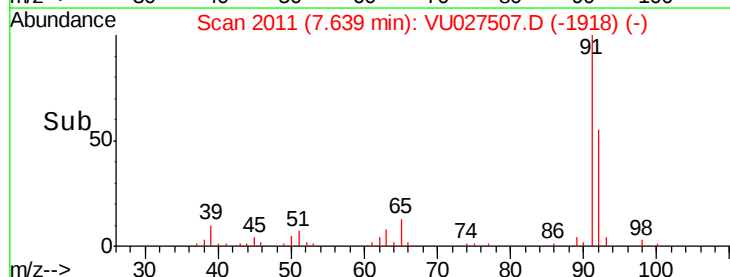
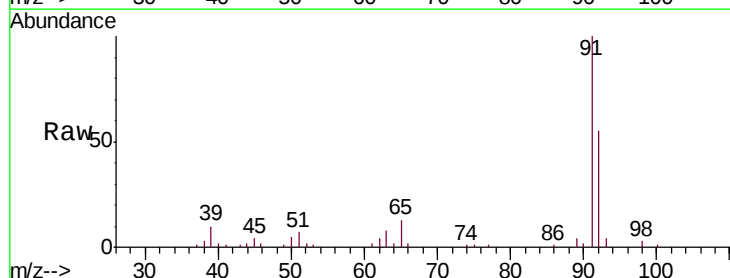
Instrument :
 MSVOA_U
 ClientSampleId :
 E62W0

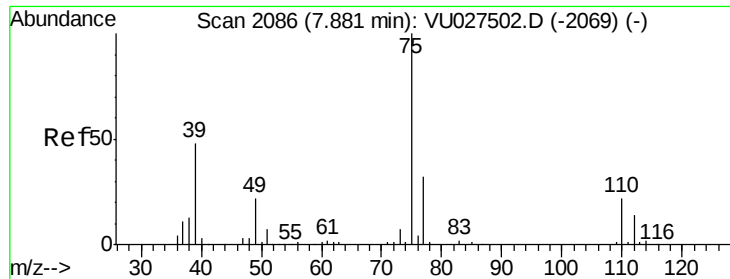
Tgt Ion: 75 Resp: 2078
 Ion Ratio Lower Upper
 75 100
 77 39.5 22.1 41.1



#42
 Toluene
 Concen: 5.629 ug/L
 RT: 7.64 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: VU027507.D
 Acq: 08 Oct 2018 18:25

Tgt Ion: 91 Resp: 31880
 Ion Ratio Lower Upper
 91 100
 92 55.3 40.2 74.6





#44

trans-1,3-Dichloropropene

Concen: 0.616 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027507.D

Acq: 08 Oct 2018 18:25

Instrument :

MSVOA_U

ClientSampleId :

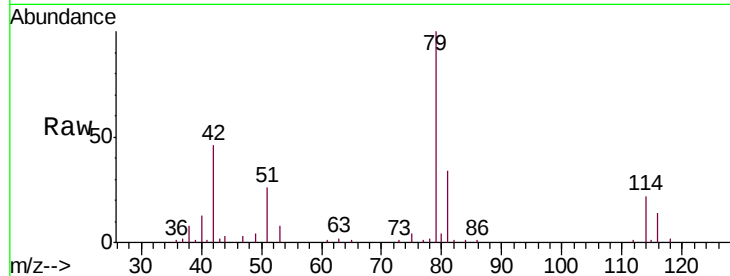
E62W0

Tgt Ion: 75 Resp: 1374

Ion Ratio Lower Upper

75 100

77 30.2 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.85

800

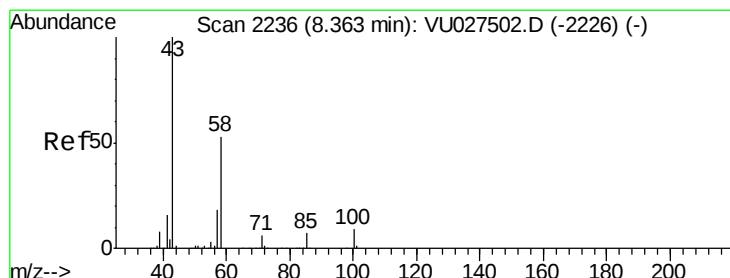
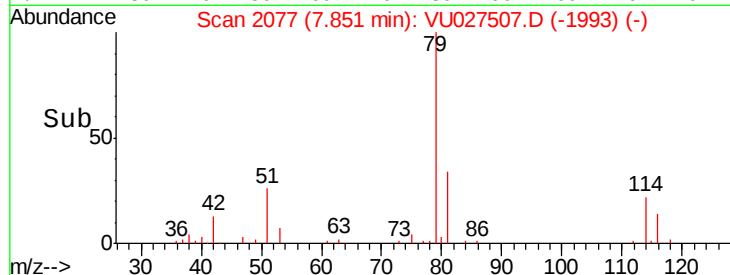
600

400

200

0

Time-->



#48

2-Hexanone

Concen: 5.642 ug/L

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU027507.D

Acq: 08 Oct 2018 18:25

Tgt Ion: 43 Resp: 10669

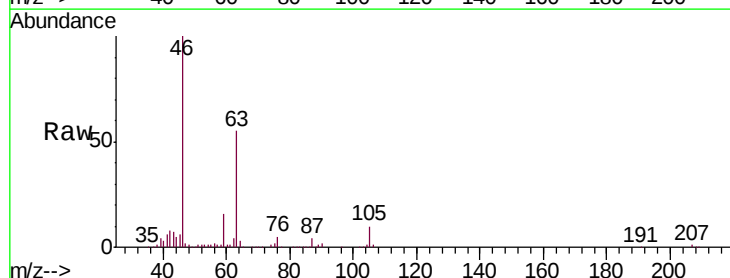
Ion Ratio Lower Upper

43 100

58 24.8 42.7 64.1#

57 24.5 14.5 21.7#

100 0.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

8.31

10000

8000

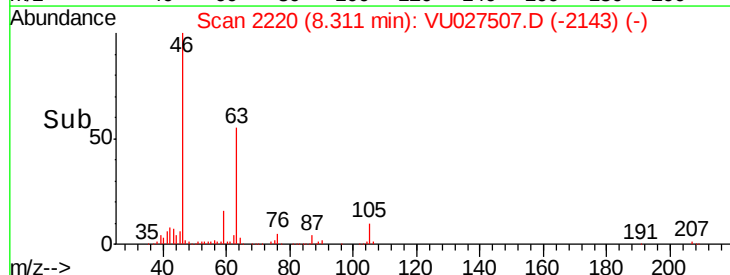
6000

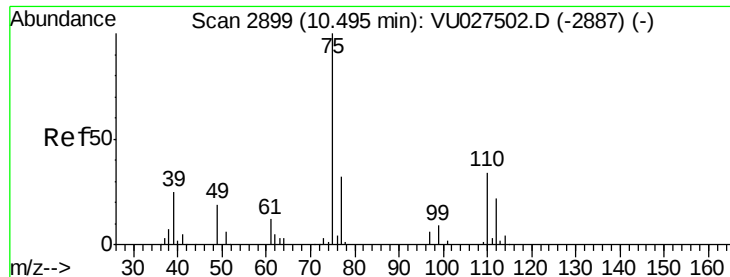
4000

2000

0

Time-->

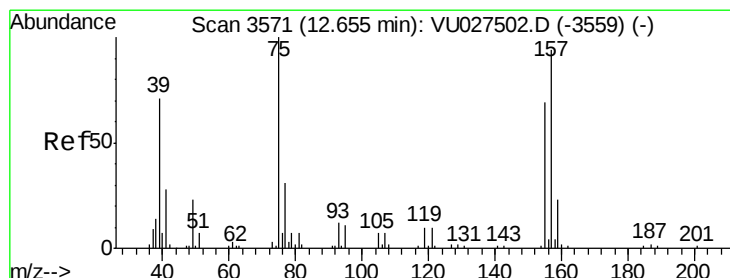
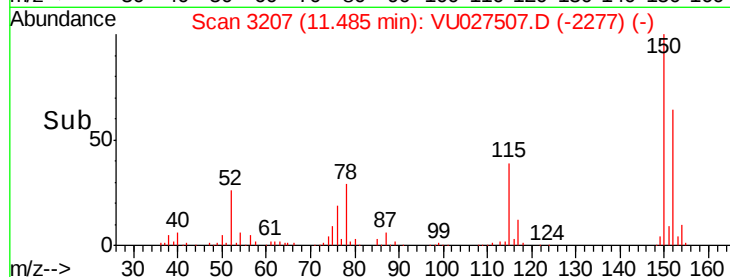
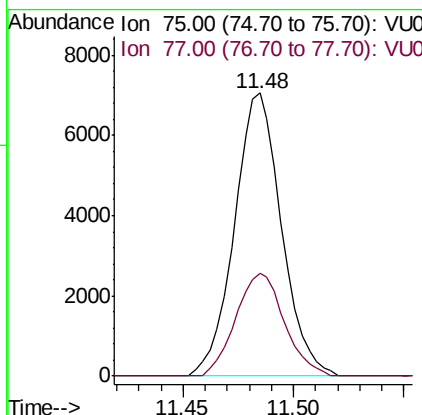
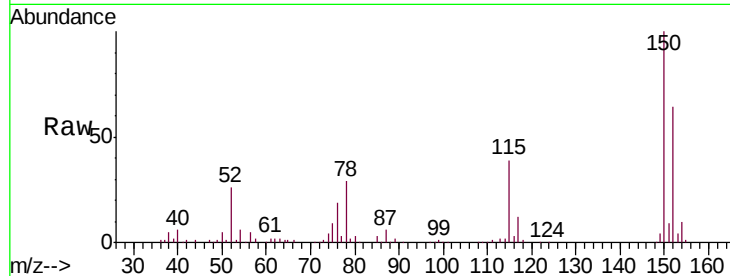




#59
 1,2,3-Trichloropropane
 Concen: 5.650 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027507.D
 Acq: 08 Oct 2018 18:25

Instrument :
 MSVOA_U
 ClientSampleId :
 E62W0

Tgt Ion: 75 Resp: 10461
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.7 38.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.167 ug/L
 RT: 12.74 min Scan# 3598
 Delta R.T. 0.09 min
 Lab File: VU027507.D
 Acq: 08 Oct 2018 18:25

Tgt Ion: 75 Resp: 1409
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.0 91.6#
 157 0.0 77.8 116.8#

