

Data File : VU032432.D
Acq On : 04 Jun 2019 17:06
Operator : JC/SP
Sample : K3081-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALE7

Quant Time: Jun 04 23:09:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 04 22:54:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	107597	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	99717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	49827	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	33450	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.67	69	27327	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.27	63	50174	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.18	46	90151	46.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.34%
24) Chloroform-d	4.64	84	58323	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.30	65	32219	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.33	84	122044	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.32	67	37723	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.56	98	114549	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.85	79	13888	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.31	63	73778	45.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29466	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	45400	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

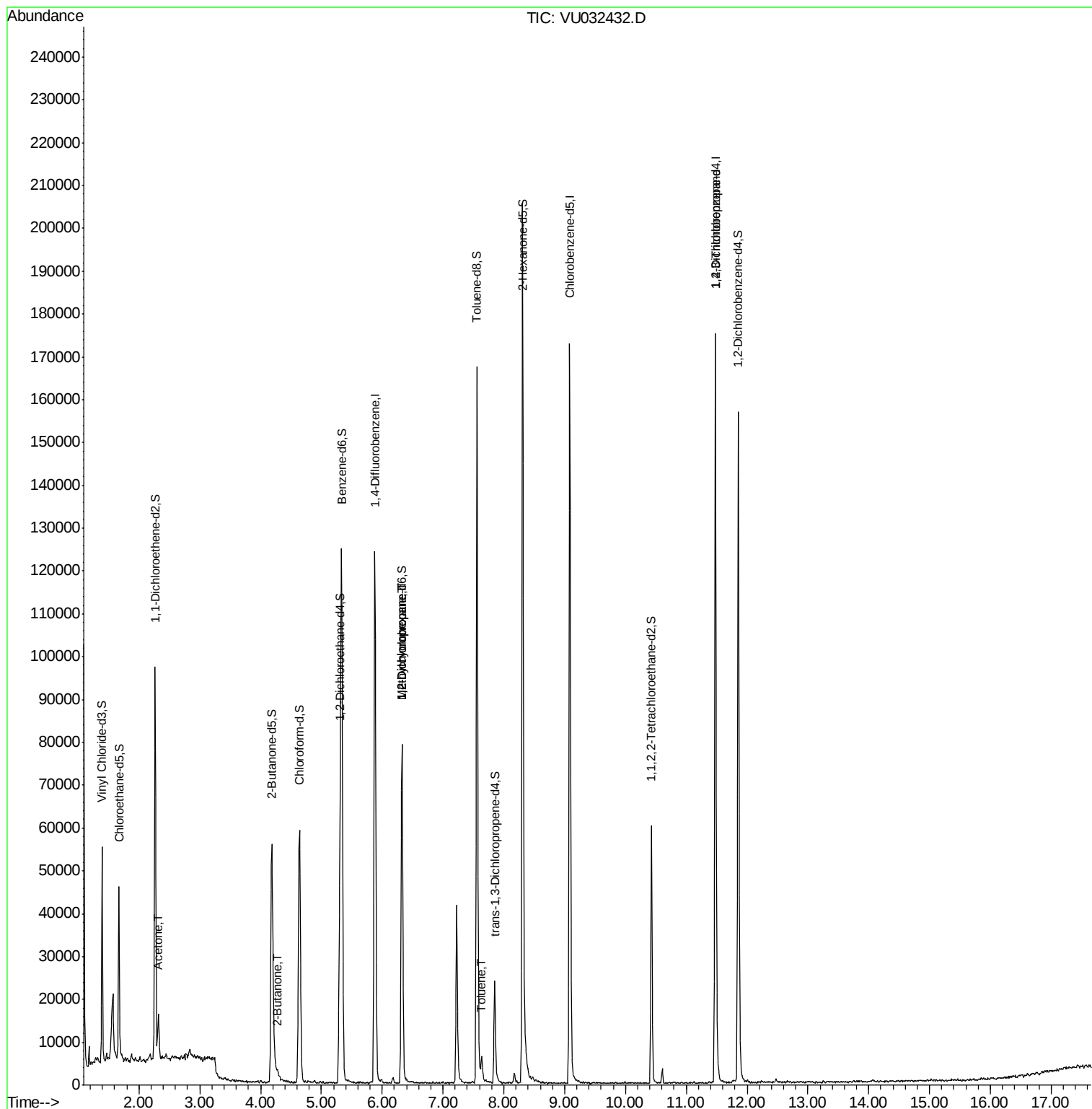
					Qvalue
13) Acetone	2.32	43	9821	6.481	ug/L 97
21) 2-Butanone	4.29	43	3177	1.442	ug/L 81
35) Methylcyclohexane	6.32	83	8754	0.644	ug/L # 19
37) 1,2-Dichloropropane	6.32	63	4217	0.554	ug/L # 89
42) Toluene	7.64	91	4320	0.132	ug/L 96
59) 1,2,3-Trichloropropane	11.48	75	5915	1.184	ug/L 93

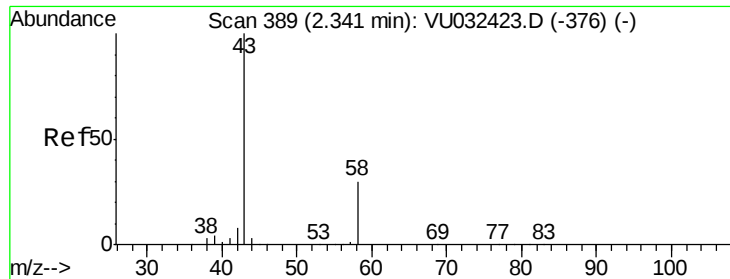
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.481 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.02 min

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Acq: 04 Jun 2019 17:06

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MSVOA_U

ClientSampleId :

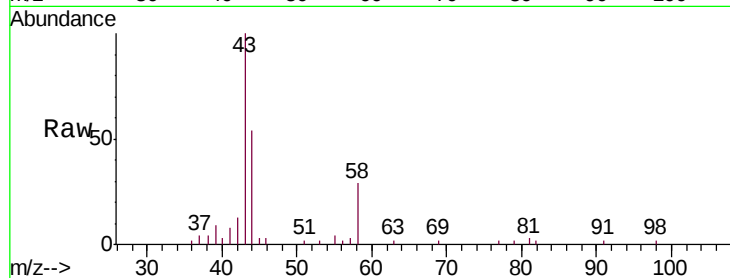
GALE7

Tgt Ion: 43 Resp: 9821

Ion Ratio Lower Upper

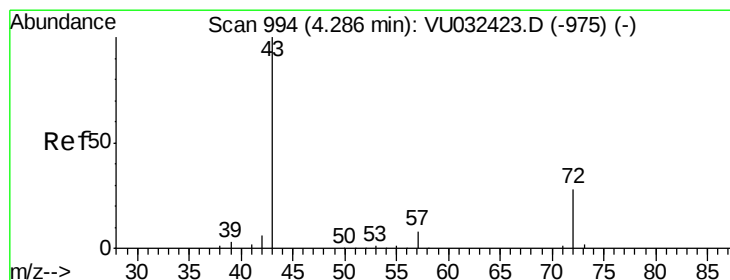
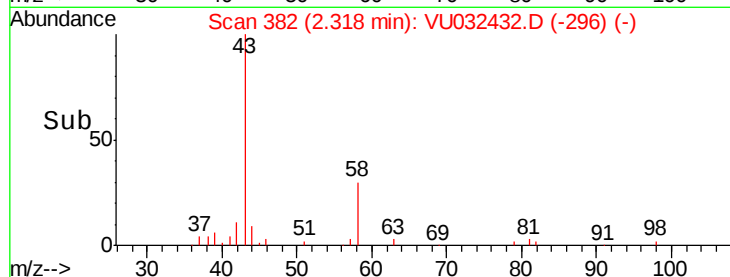
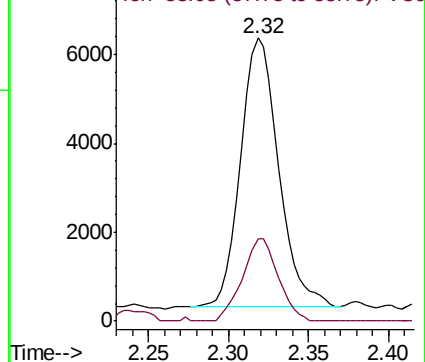
43 100

58 28.6 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 1.442 ug/L

RT: 4.29 min Scan# 995

Delta R.T. 0.00 min

Lab File: VU032432.D

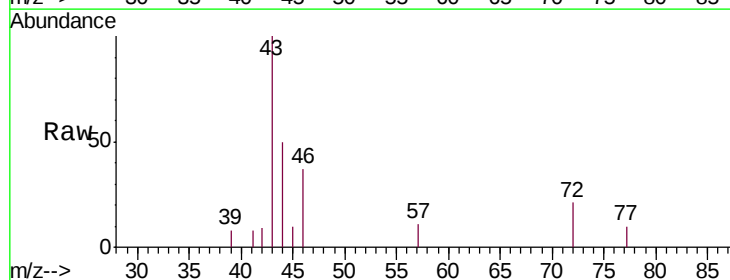
Acq: 04 Jun 2019 17:06

Tgt Ion: 43 Resp: 3177

Ion Ratio Lower Upper

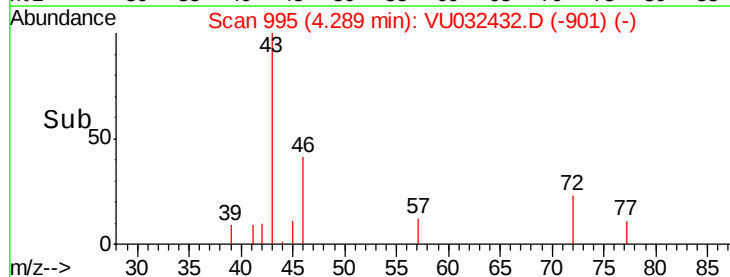
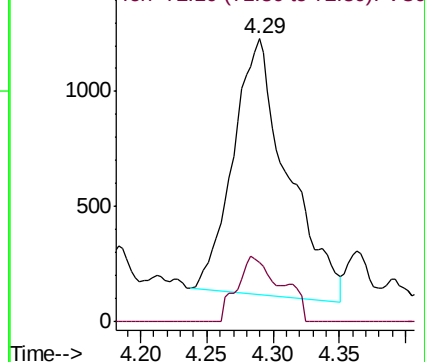
43 100

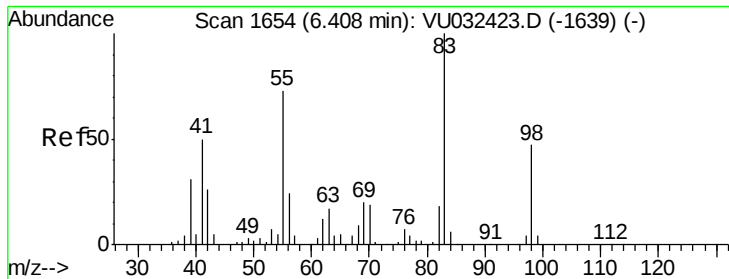
72 16.3 13.1 39.3



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0





#35

Methylcyclohexane

Concen: 0.644 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

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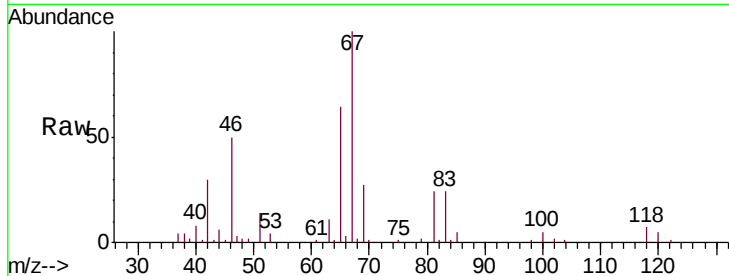
Tgt Ion: 83 Resp: 8754

Ion Ratio Lower Upper

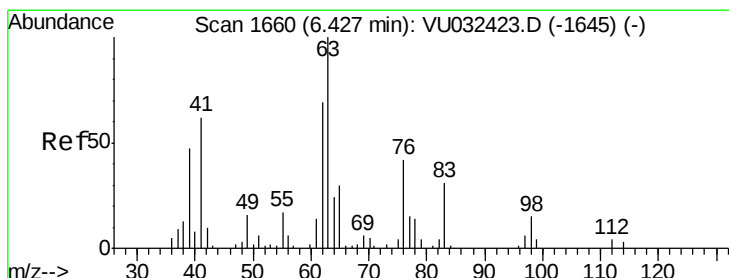
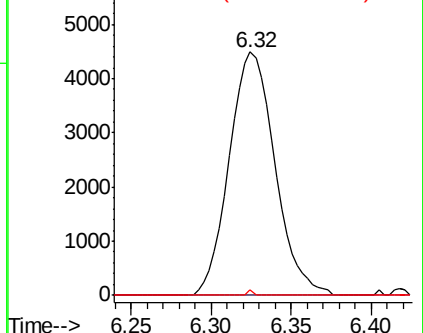
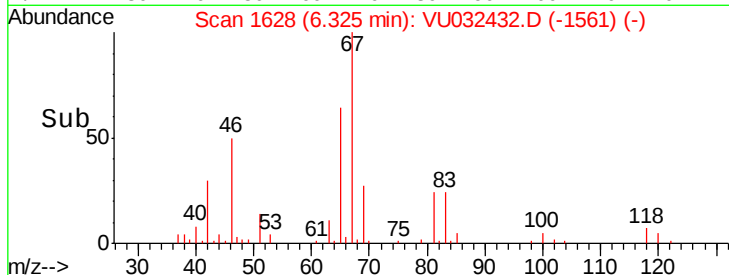
83 100

55 0.2 60.0 90.0#

98 0.2 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU032432.D (-1561) (-)



#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032432.D

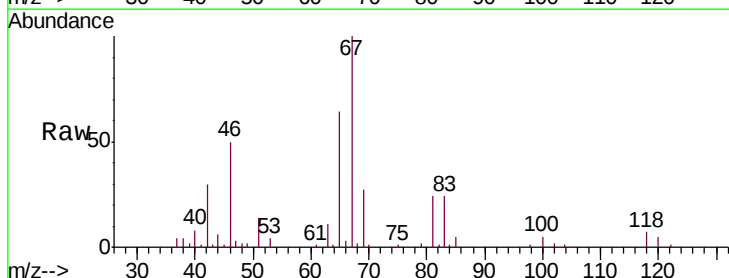
Acq: 04 Jun 2019 17:06

Tgt Ion: 63 Resp: 4217

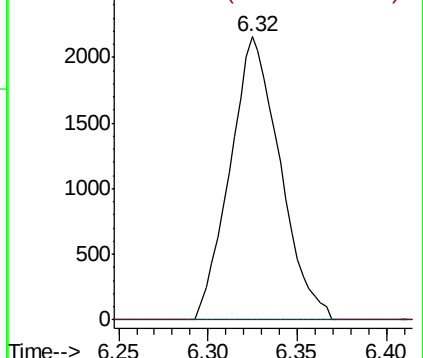
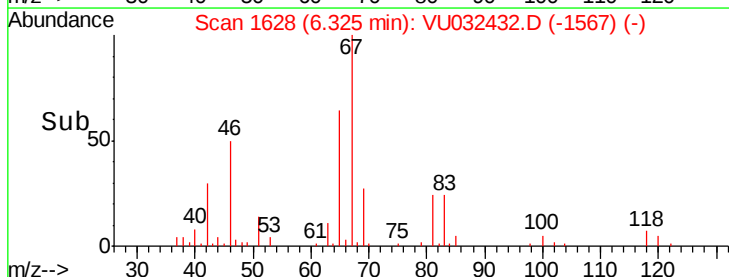
Ion Ratio Lower Upper

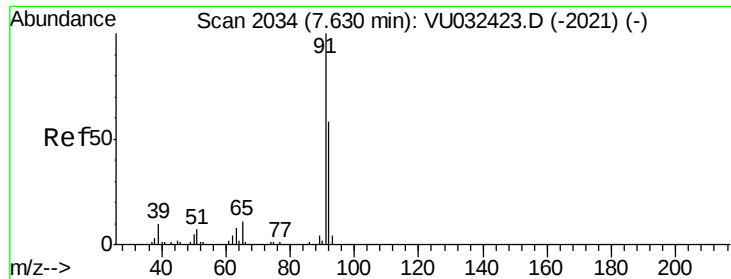
63 100

112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032432.D (-1567) (-)





#42

Toluene

Concen: 0.132 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU032432.D

Acq: 04 Jun 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

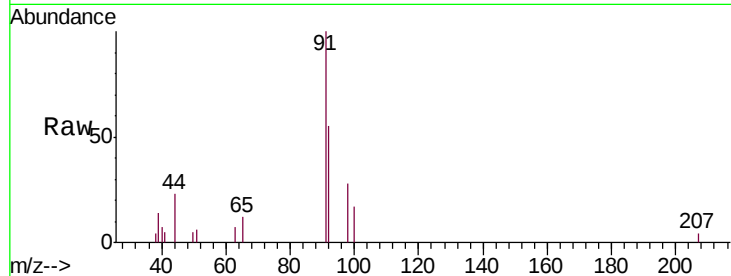
GALE7

Tgt Ion: 91 Resp: 4320

Ion Ratio Lower Upper

91 100

92 55.1 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032423.D (-2021) (-)

Ion 92.15 (91.85 to 92.85): VU032423.D (-2021) (-)

7.64

2500

2000

1500

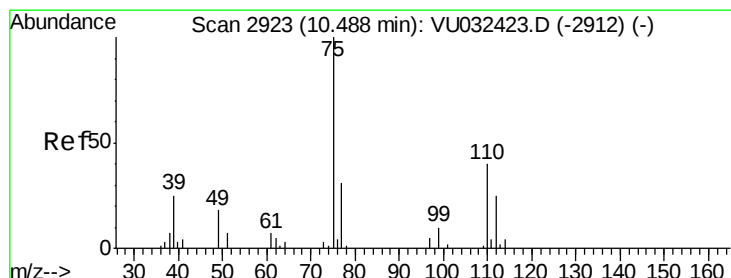
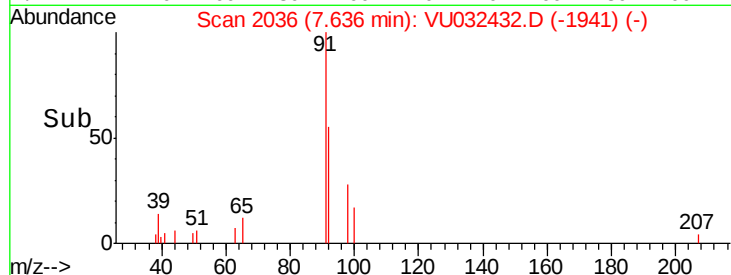
1000

500

0

7.60 7.65 7.70

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.184 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032432.D

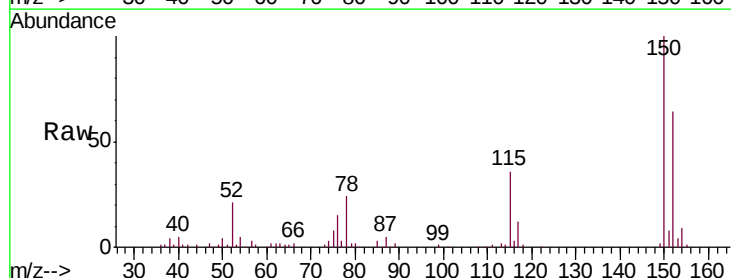
Acq: 04 Jun 2019 17:06

Tgt Ion: 75 Resp: 5915

Ion Ratio Lower Upper

75 100

77 35.2 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU032423.D (-2912) (-)

Ion 77.00 (76.70 to 77.70): VU032423.D (-2912) (-)

11.48

4000

3000

2000

1000

0

11.45 11.50 11.55

Time-->

