

Data File : VU032726.D
Acq On : 14 Jun 2019 16:49
Operator : JC/SP
Sample : K3364-17 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM38

Quant Time: Jun 14 23:52:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 23:49:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	102830	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	96028	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50793	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26714	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.68	69	23441	4.10	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.27	63	42229	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.18	46	78099	41.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.72%
24) Chloroform-d	4.64	84	58115	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.30	65	33063	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.33	84	112980	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.32	67	36921	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.56	98	100786	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.85	79	14324	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.31	63	69893	44.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30490	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	43050	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

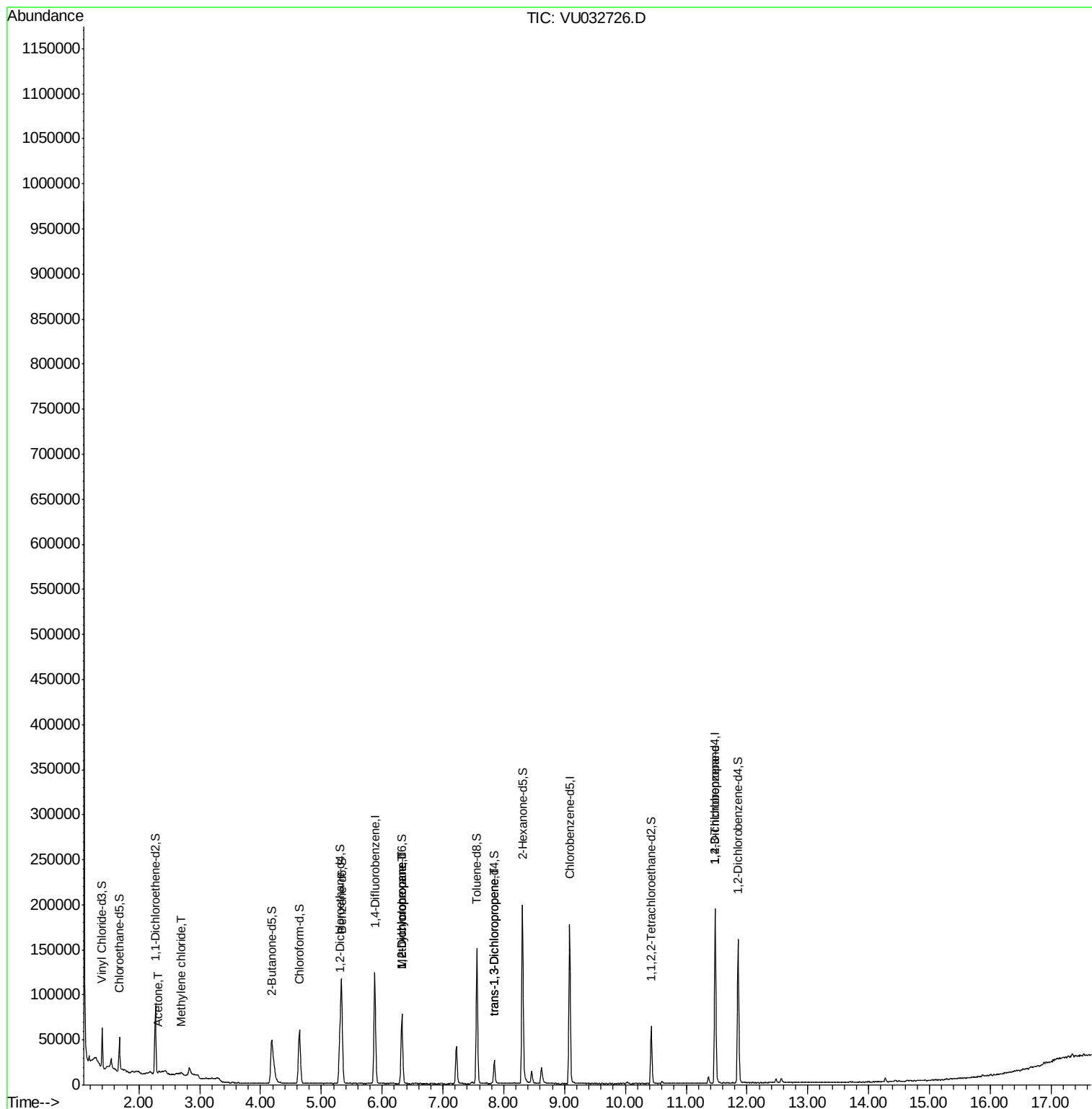
						Qvalue
13) Acetone	2.32	43	1642	1.134	ug/L	97
16) Methylene chloride	2.69	84	1041	0.144	ug/L	79
35) Methylcyclohexane	6.32	83	8176	0.624	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4199	0.573	ug/L #	89
44) trans-1,3-Dichloropropene	7.84	75	821	0.091	ug/L	91
59) 1,2,3-Trichloropropane	11.48	75	6186	1.286	ug/L #	82

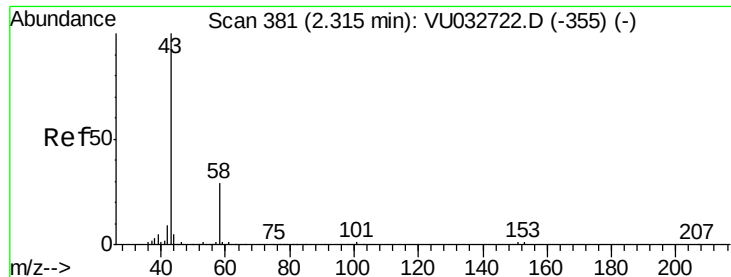
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.134 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

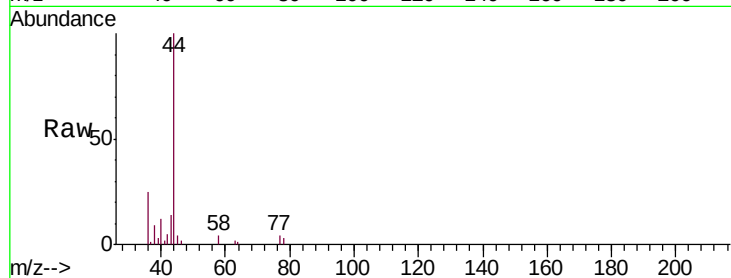
COM38

Tgt Ion: 43 Resp: 1642

Ion Ratio Lower Upper

43 100

58 32.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

1200

1000

800

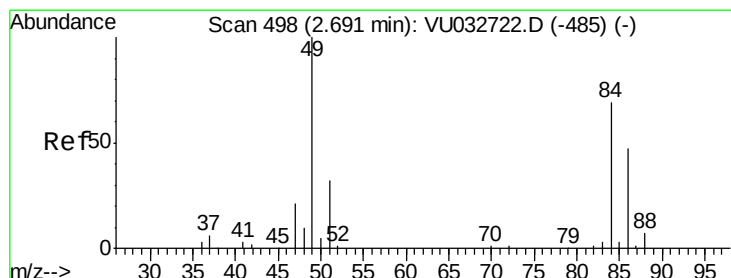
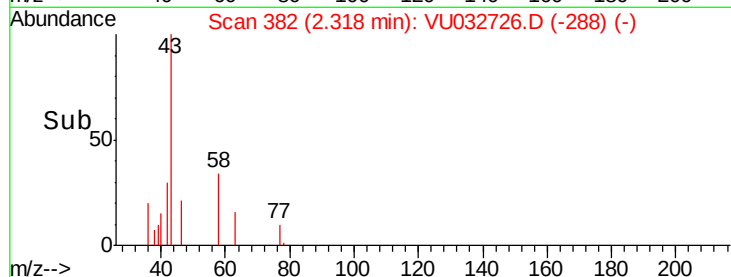
600

400

200

0

Time--> 2.25 2.30 2.35



#16

Methylene chloride

Concen: 0.144 ug/L

RT: 2.69 min Scan# 499

Delta R.T. 0.00 min

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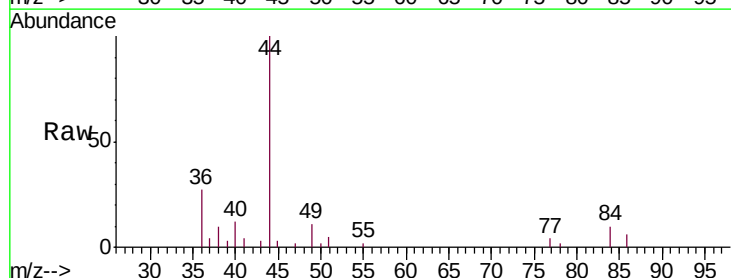
Tgt Ion: 84 Resp: 1041

Ion Ratio Lower Upper

84 100

86 59.9 47.2 87.6

49 105.5 95.9 178.1



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

1000

800

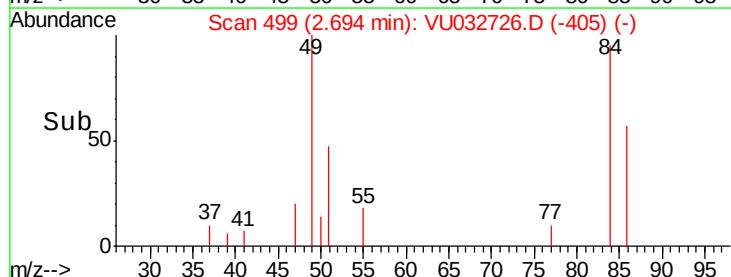
600

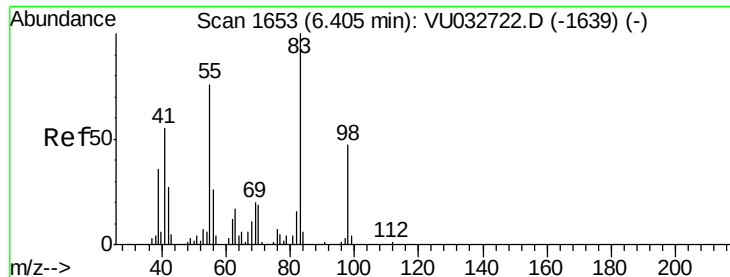
400

200

0

Time--> 2.66 2.68 2.70 2.72

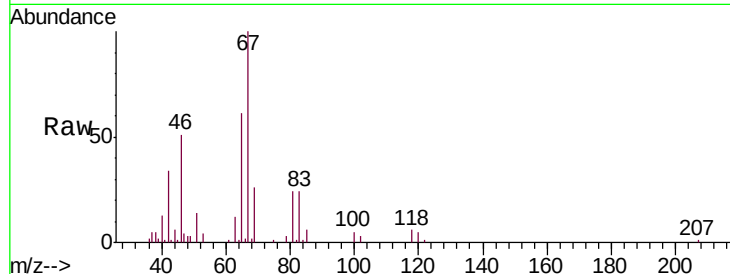




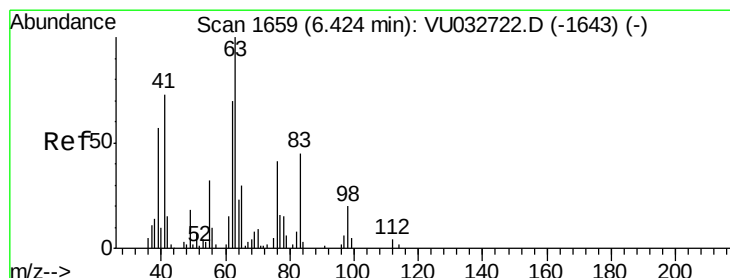
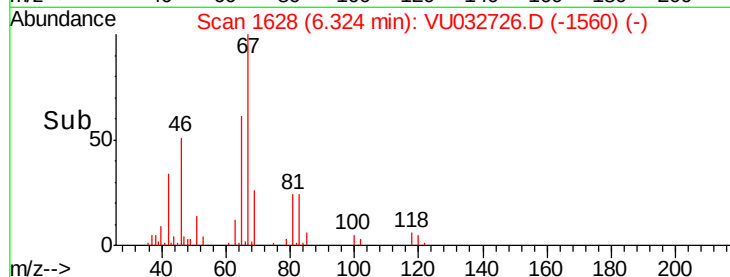
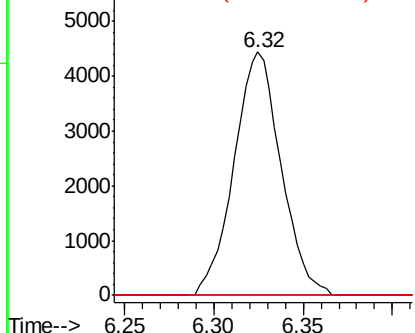
#35
Methylcyclohexane
Concen: 0.624 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
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Instrument :
MSVOA_U
ClientSampleId :
COM38

Tgt Ion: 83 Resp: 8176
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 0.0 37.8 56.8#

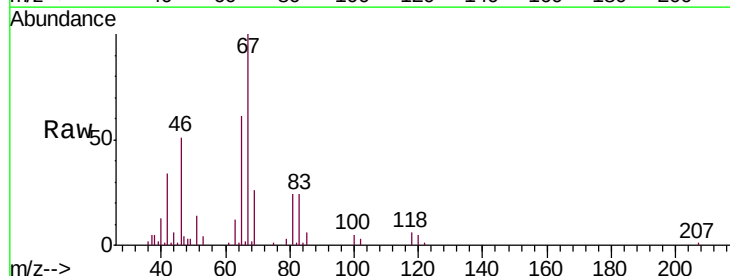


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

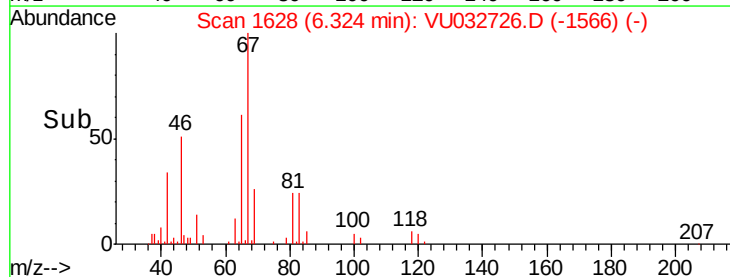
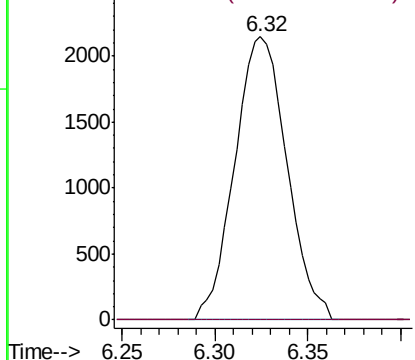


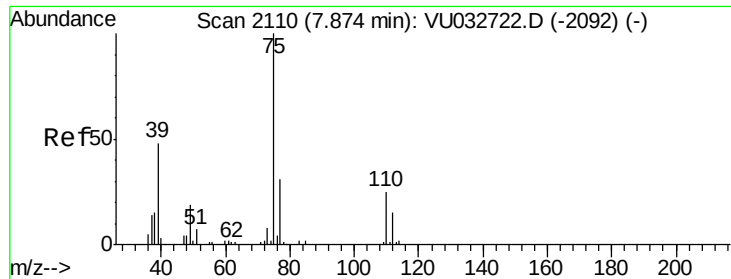
#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032726.D
Acq: 14 Jun 2019 16:49

Tgt Ion: 63 Resp: 4199
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU032726.D

Acq: 14 Jun 2019 16:49

Instrument :

MSVOA_U

ClientSampleId :

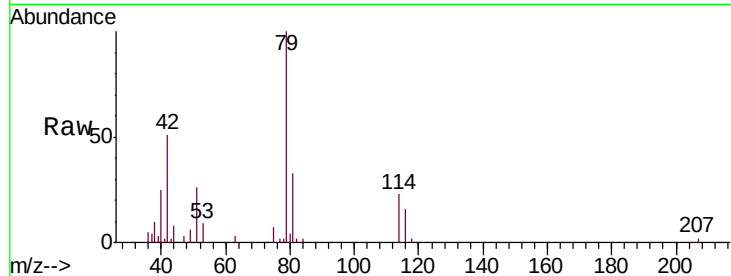
COM38

Tgt Ion: 75 Resp: 821

Ion Ratio Lower Upper

75 100

77 27.0 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU032722.D (-2092) (-)

Ion 77.05 (76.75 to 77.75): VU032722.D (-2092) (-)

7.84

600

500

400

300

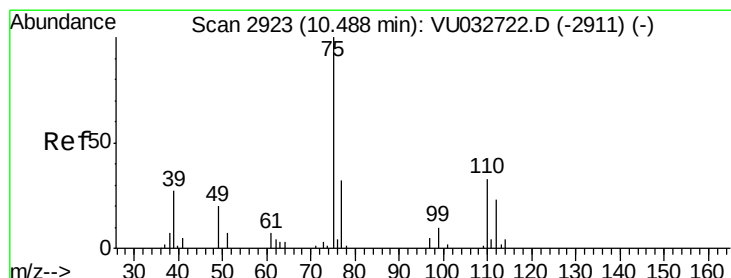
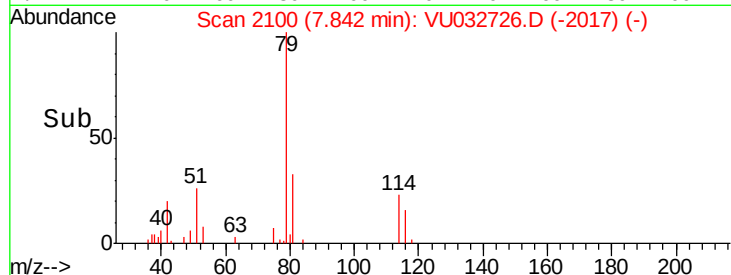
200

100

0

7.80 7.82 7.84 7.86 7.88

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.286 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032726.D

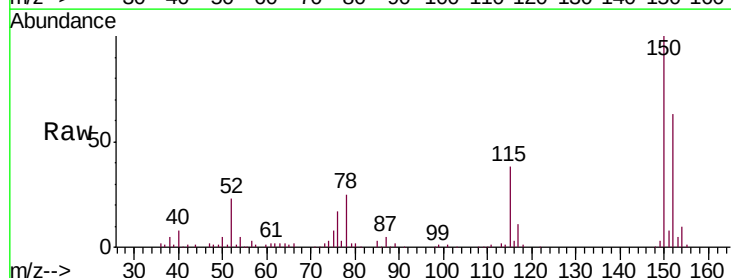
Acq: 14 Jun 2019 16:49

Tgt Ion: 75 Resp: 6186

Ion Ratio Lower Upper

75 100

77 41.4 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU032722.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU032722.D (-2911) (-)

11.48

4000

3000

2000

1000

0

11.45 11.50

Time-->

