

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121819\
 Data File : VU036265.D
 Acq On : 18 Dec 2019 11:57
 Operator : JC/MD
 Sample : VU1218WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 19 00:53:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 19 00:50:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	255479	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	281696	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	110193	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	136538	6.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.40%
7) Chloroethane-d5	1.93	69	117240	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.20%
11) 1,1-Dichloroethene-d2	2.59	63	134397	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.69	46	200790	47.64	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.28%
24) Chloroform-d	5.11	84	181189	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.75	65	96407	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.77	84	346016	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.73	67	107982	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.93	98	276249	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	8.21	79	41245	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.67	63	159220	45.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.72%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	93474	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	106599	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

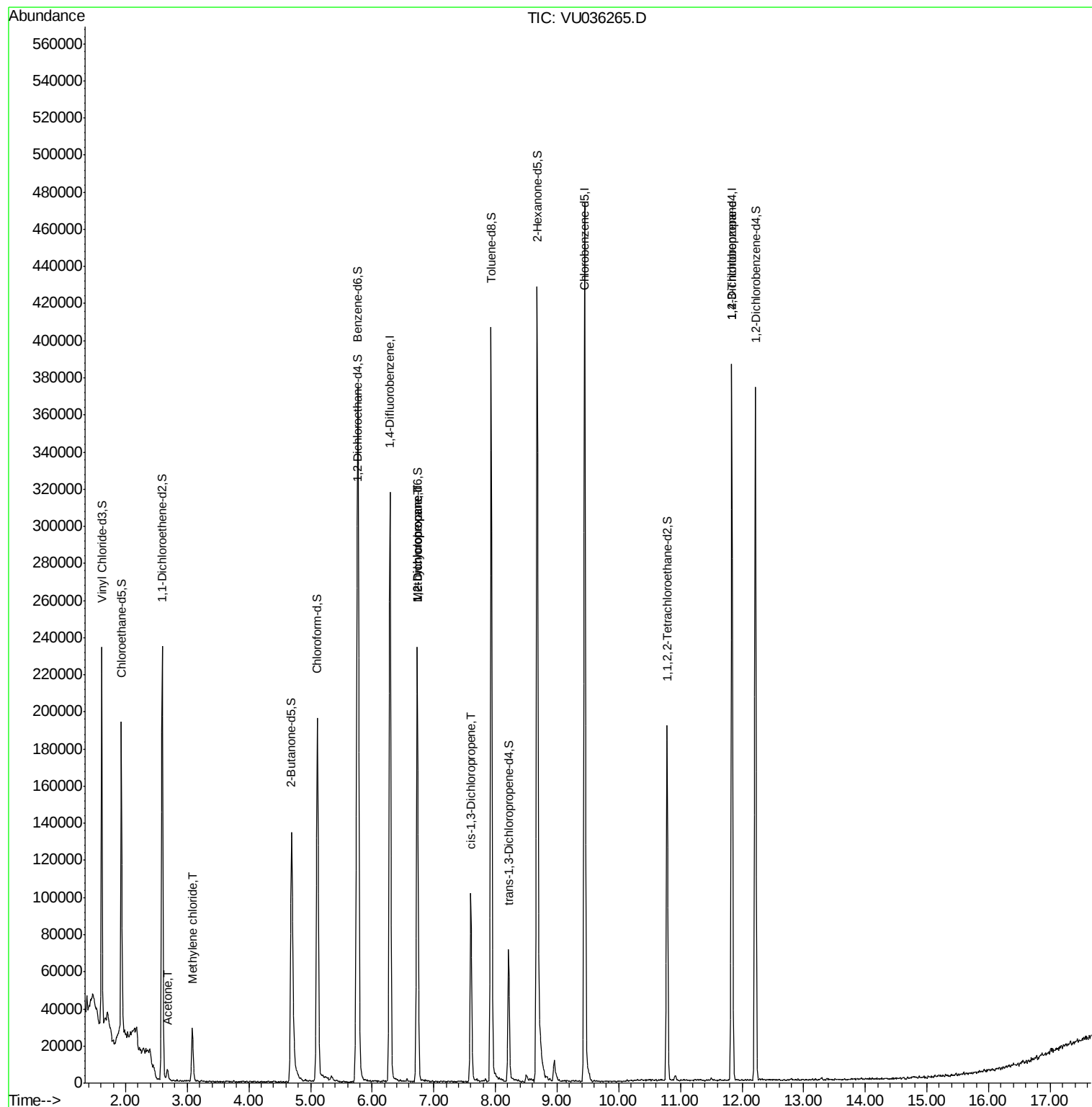
Target Compounds

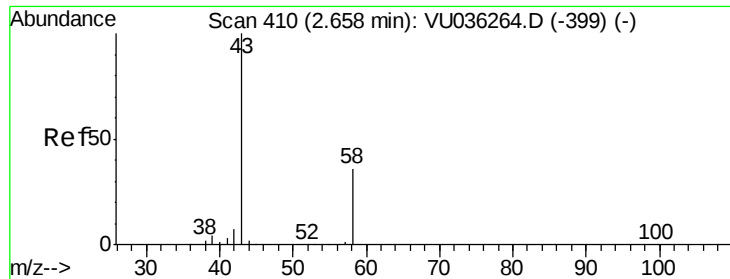
					Ovalue
13) Acetone	2.68	43	8170	2.224 ug/L	88
16) Methylene chloride	3.09	84	14874	0.534 ug/L	96
35) Methylcyclohexane	6.73	83	27193	0.857 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12134	0.549 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2477	0.082 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	11125	0.758 ug/L	88

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

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#13

Acetone

Concen: 2.224 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.03 min

Lab File: VU036265.D

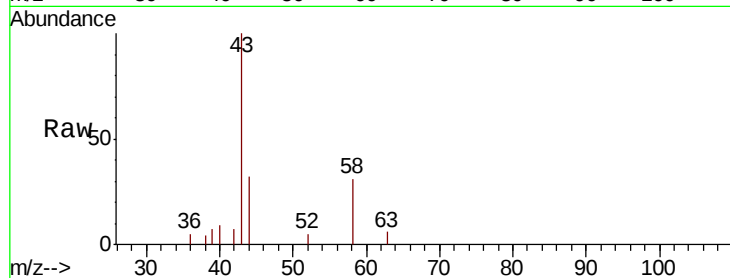
Acq: 18 Dec 2019 11:57

Tot Ion: 43 Resp: 8170

Ion Ratio Lower Upper

43 100

58 27.2 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036265.D (-418) (-)

Ion 58.05 (57.75 to 58.75): VU036265.D (-418) (-)

2.68

3000

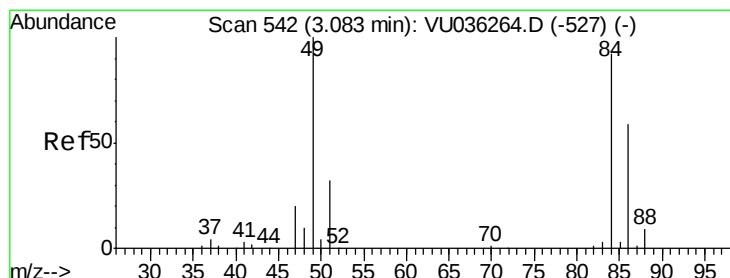
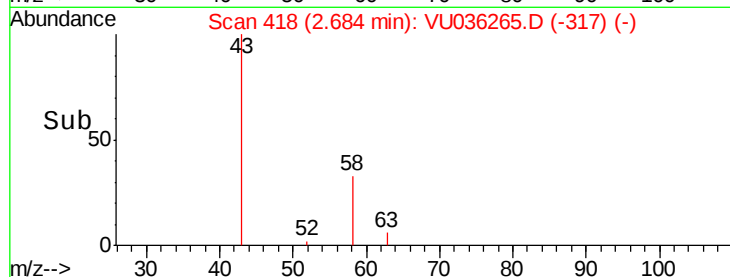
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.534 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU036265.D

Acq: 18 Dec 2019 11:57

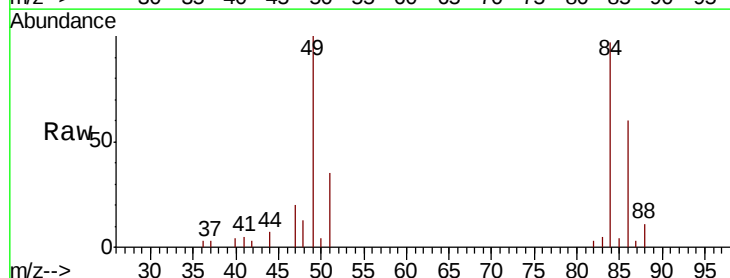
Tgt Ion: 84 Resp: 14874

Ion Ratio Lower Upper

84 100

86 61.5 43.0 79.8

49 103.2 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU036265.D (-543) (-)

Ion 86.00 (85.70 to 86.70): VU036265.D (-543) (-)

Ion 49.10 (48.80 to 49.80): VU036265.D (-543) (-)

3.09

10000

8000

6000

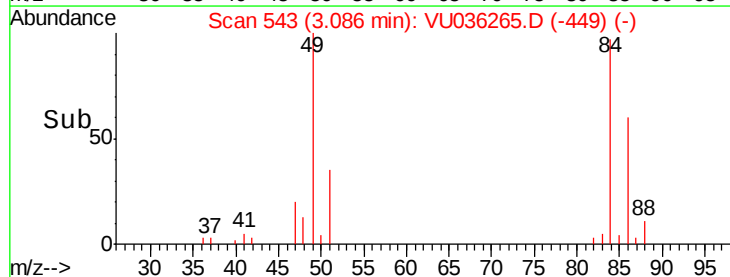
4000

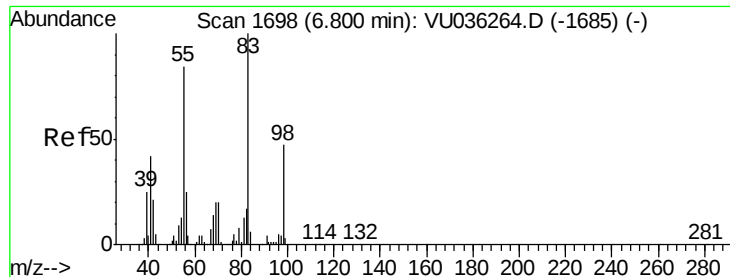
2000

0

Time-->

3.00 3.05 3.10 3.15





#35

Methylcyclohexane

Concen: 0.857 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036265.D

Acq: 18 Dec 2019 11:57

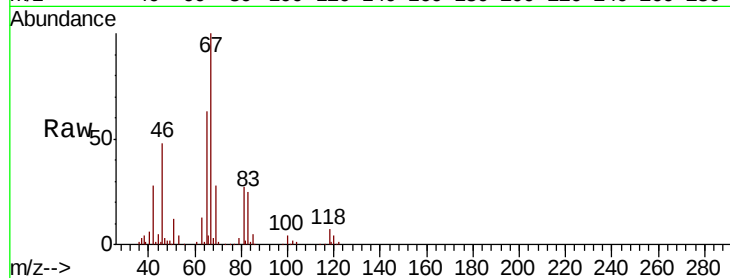
Tot Ion: 83 Resp: 27193

Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

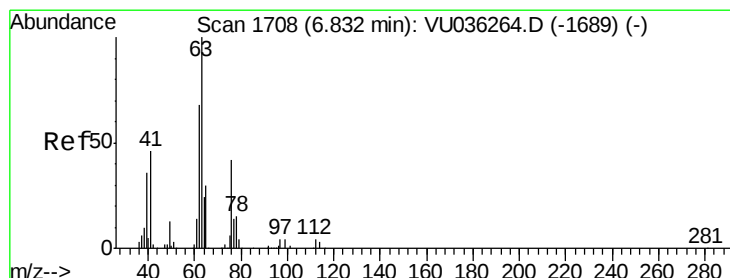
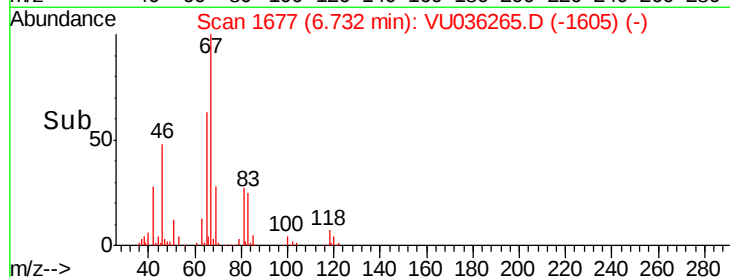
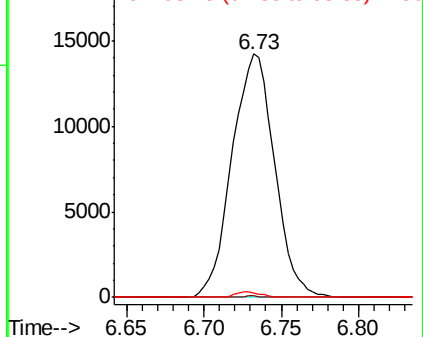
98 1.2 36.2 54.2#



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: 0.549 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036265.D

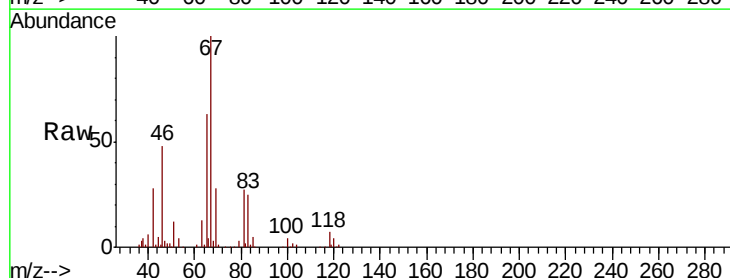
Acq: 18 Dec 2019 11:57

Tgt Ion: 63 Resp: 12134

Ion Ratio Lower Upper

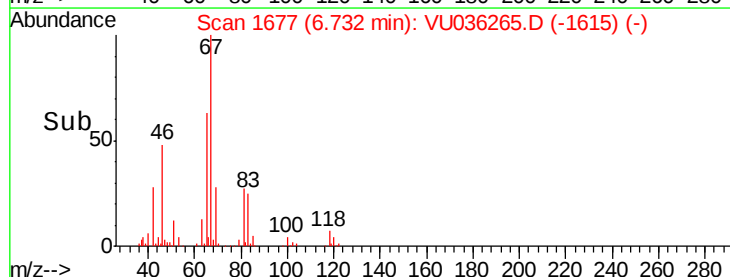
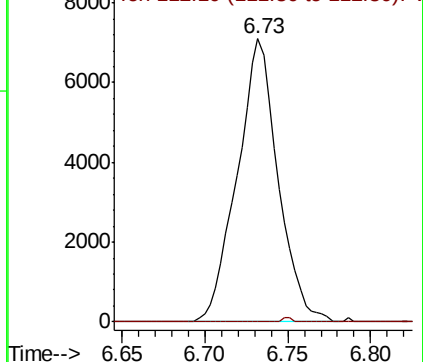
63 100

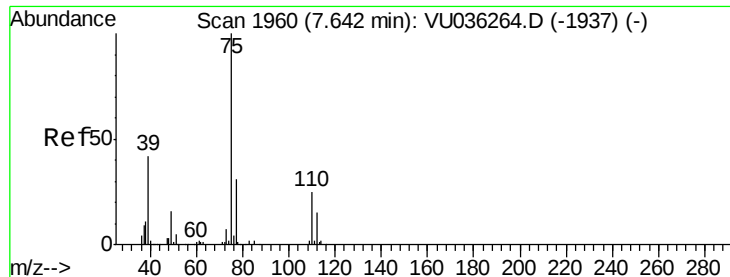
112 0.4 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036265.D

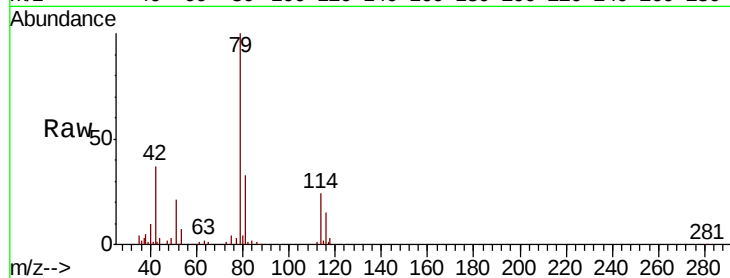
Acq: 18 Dec 2019 11:57

Tot Ion: 75 Resp: 2477

Ion Ratio Lower Upper

75 100

77 82.9 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

1500

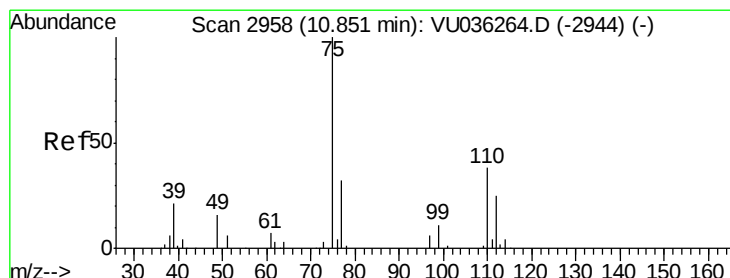
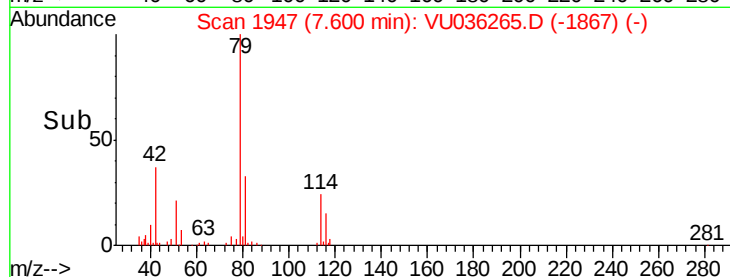
7.60

1000

500

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.758 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036265.D

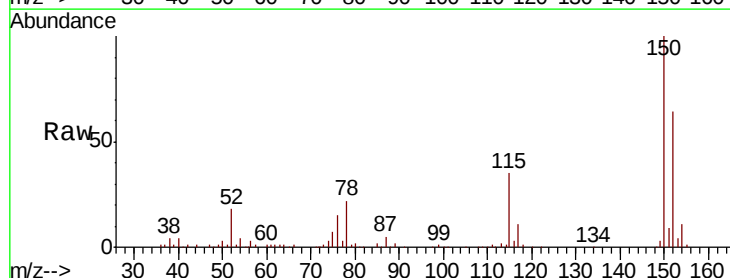
Acq: 18 Dec 2019 11:57

Tgt Ion: 75 Resp: 11125

Ion Ratio Lower Upper

75 100

77 40.6 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

8000

6000

4000

2000

0

Time-->

