

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121819\
 Data File : VU036272.D
 Acq On : 18 Dec 2019 14:46
 Operator : JC/MD
 Sample : K6234-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 19 00:53:57 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	258937	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	284822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	107269	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	127170	5.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.60%
7) Chloroethane-d5	1.93	69	106594	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.59	63	122393	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.69	46	189180	44.28	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.56%
24) Chloroform-d	5.11	84	171835	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.75	65	90556	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.77	84	319608	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.73	67	100867	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.93	98	256086	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	8.21	79	35376	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.68	63	147570	41.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.16%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	87739	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	95764	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

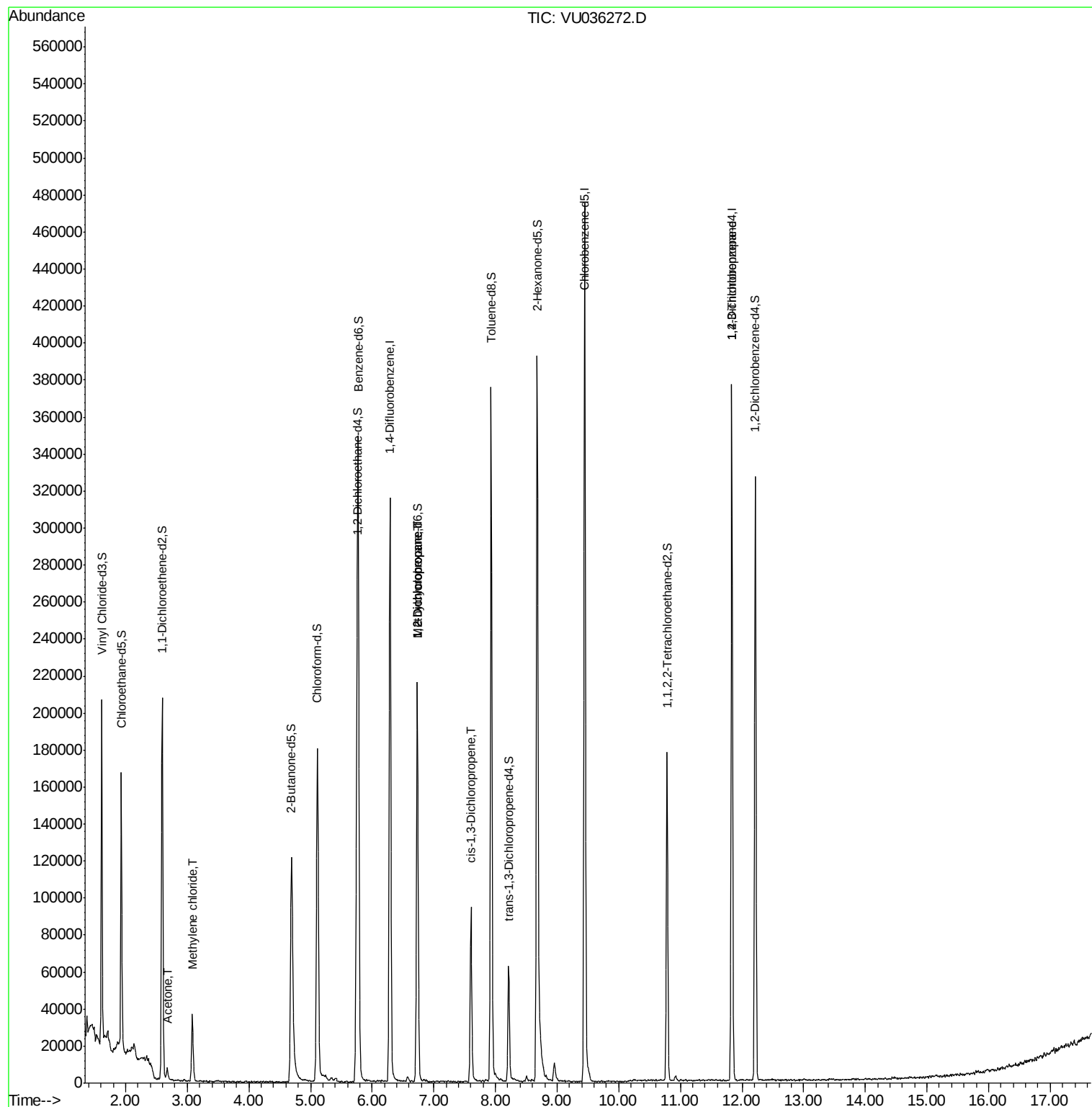
Target Compounds

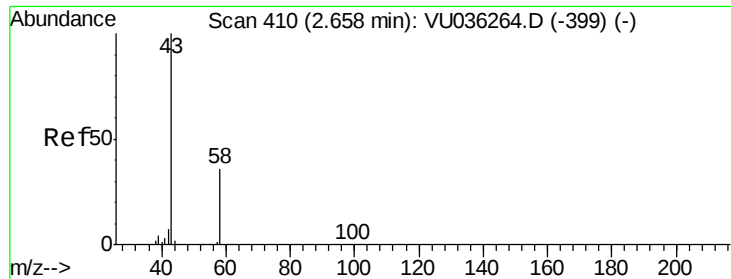
					Ovalue
13) Acetone	2.68	43	7349	1.974 ug/L	96
16) Methylene chloride	3.08	84	18490	0.655 ug/L	96
35) Methylcyclohexane	6.73	83	23943	0.746 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10759	0.482 ug/L #	85
39) cis-1,3-Dichloropropene	7.61	75	2411	0.079 ug/L #	35
59) 1,2,3-Trichloropropane	11.83	75	11631	0.784 ug/L	98

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

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#13

Acetone

Concen: 1.974 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.02 min

Lab File: VU036272.D

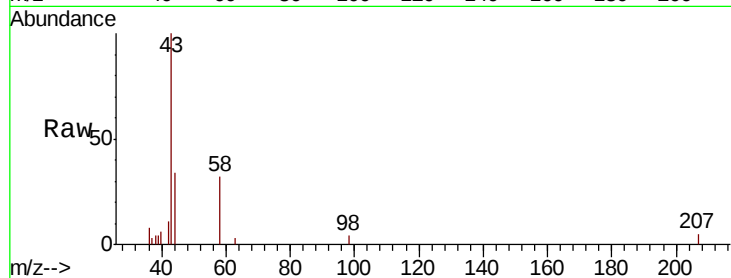
Acq: 18 Dec 2019 14:46

Tot Ion: 43 Resp: 7349

Ion Ratio Lower Upper

43 100

58 31.4 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036272.D (-416) (-)

Ion 58.05 (57.75 to 58.75): VU036272.D (-416) (-)

2.68

4000

3000

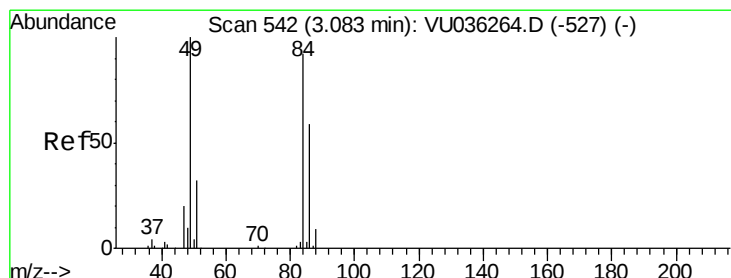
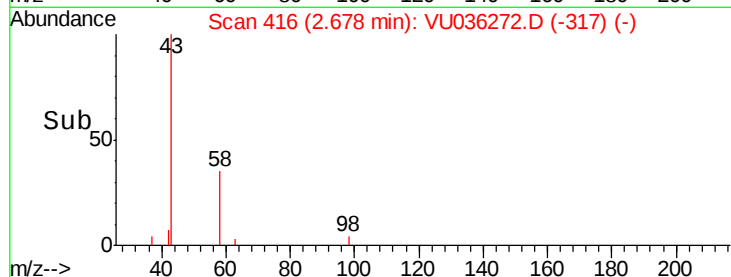
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.655 ug/L

RT: 3.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU036272.D

Acq: 18 Dec 2019 14:46

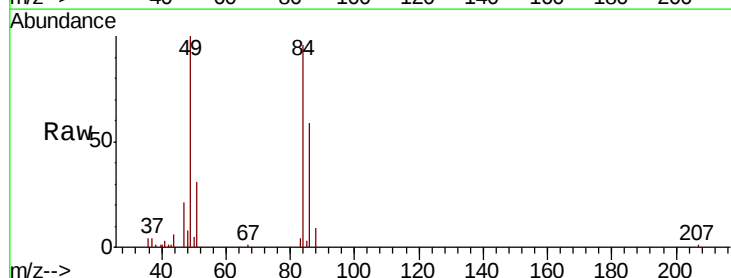
Tgt Ion: 84 Resp: 18490

Ion Ratio Lower Upper

84 100

86 60.9 43.0 79.8

49 103.8 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU036272.D (-542) (-)

Ion 86.00 (85.70 to 86.70): VU036272.D (-542) (-)

Ion 49.10 (48.80 to 49.80): VU036272.D (-542) (-)

3.08

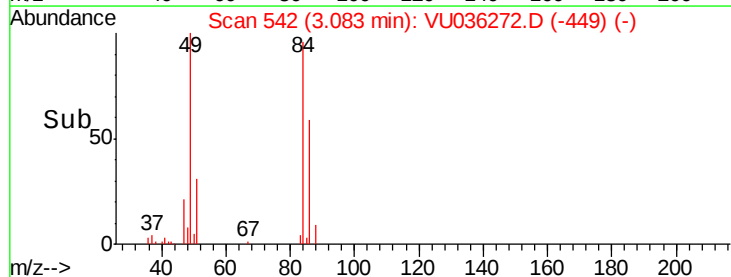
10000

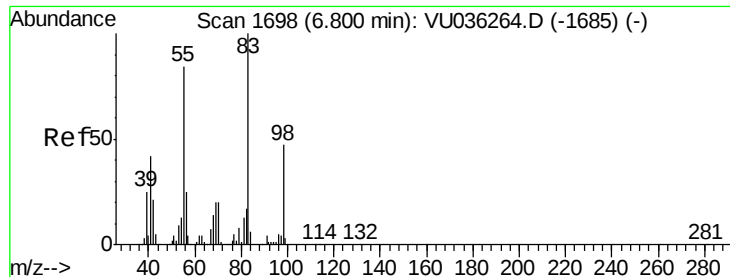
5000

0

Time-->

3.00 3.05 3.10 3.15





#35

Methylcyclohexane

Concen: 0.746 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036272.D

Acq: 18 Dec 2019 14:46

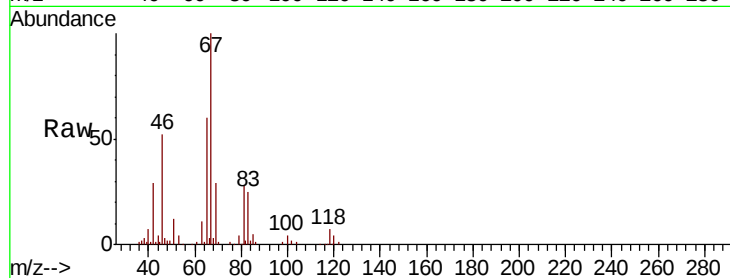
Tot Ion: 83 Resp: 23943

Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

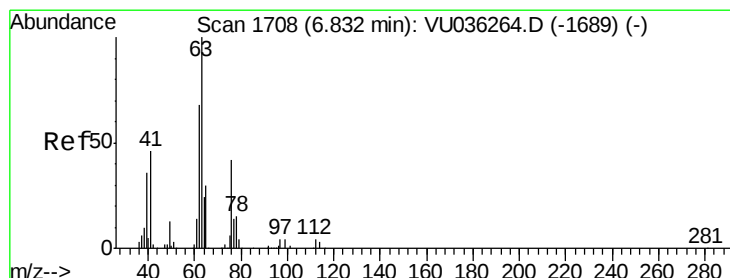
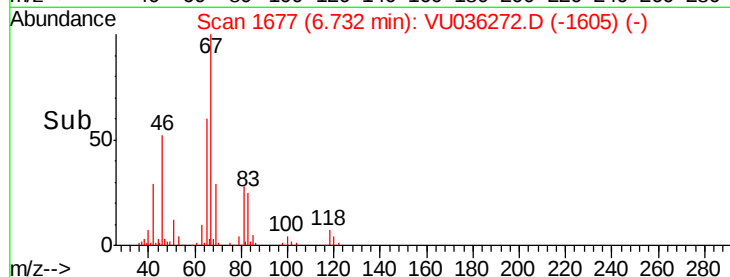
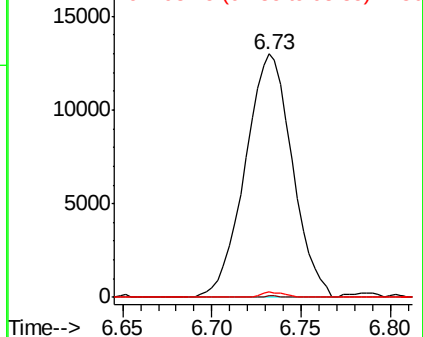
98 1.1 36.2 54.2#



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: 0.482 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036272.D

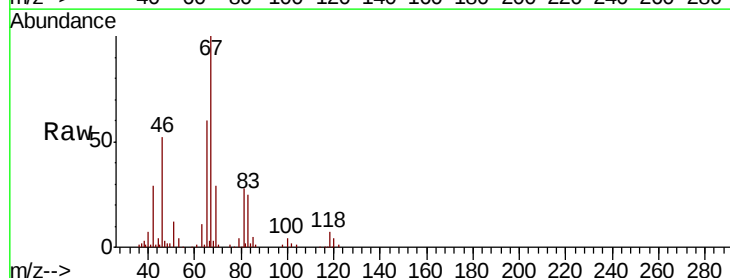
Acq: 18 Dec 2019 14:46

Tgt Ion: 63 Resp: 10759

Ion Ratio Lower Upper

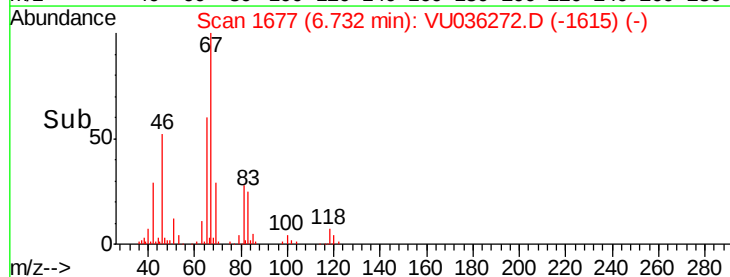
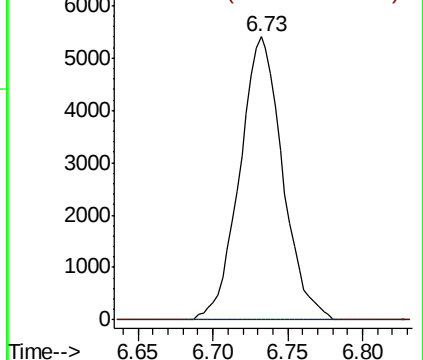
63 100

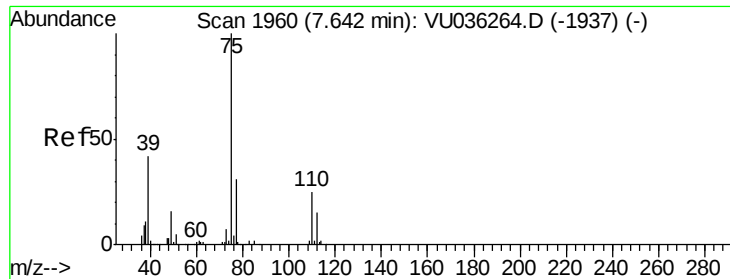
112 0.0 3.8 5.8#



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: 0.079 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU036272.D

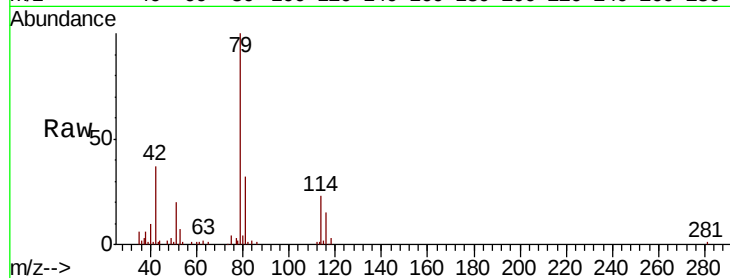
Acq: 18 Dec 2019 14:46

Tot Ion: 75 Resp: 2411

Ion Ratio Lower Upper

75 100

77 68.8 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU036264.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU036264.D (-1937) (-)

7.61

1500

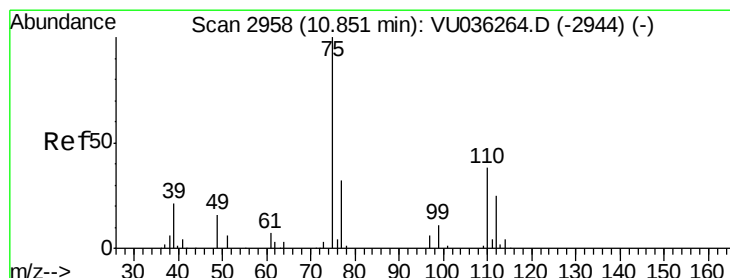
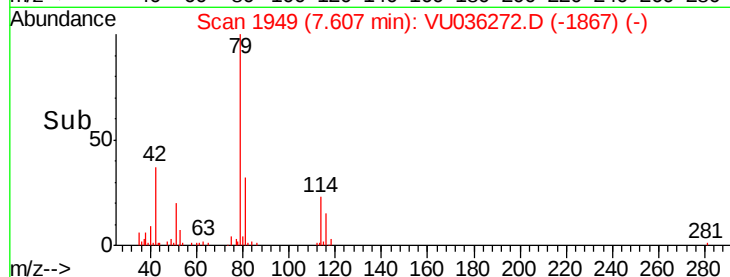
1000

500

0

7.55 7.60 7.65

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.784 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036272.D

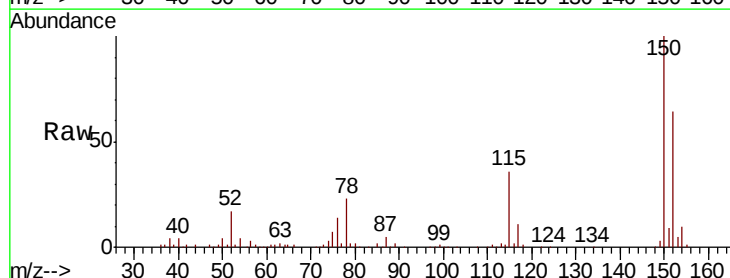
Acq: 18 Dec 2019 14:46

Tgt Ion: 75 Resp: 11631

Ion Ratio Lower Upper

75 100

77 35.3 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU036264.D (-2944) (-)

Ion 77.00 (76.70 to 77.70): VU036264.D (-2944) (-)

11.83

8000

6000

4000

2000

0

11.80 11.85 11.90

Time-->

