

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121819\
 Data File : VU036267.D
 Acq On : 18 Dec 2019 12:47
 Operator : JC/MD
 Sample : K6214-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 19 00:53:20 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	273205	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	111293	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	137555	5.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.40%
7) Chloroethane-d5	1.93	69	118804	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.59	63	135111	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.69	46	202913	45.02	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.04%
24) Chloroform-d	5.11	84	185713	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.75	65	99792	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.77	84	353292	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.73	67	109227	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.93	98	279979	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.21	79	40238	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.67	63	165180	45.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.60%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	95832	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	107140	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

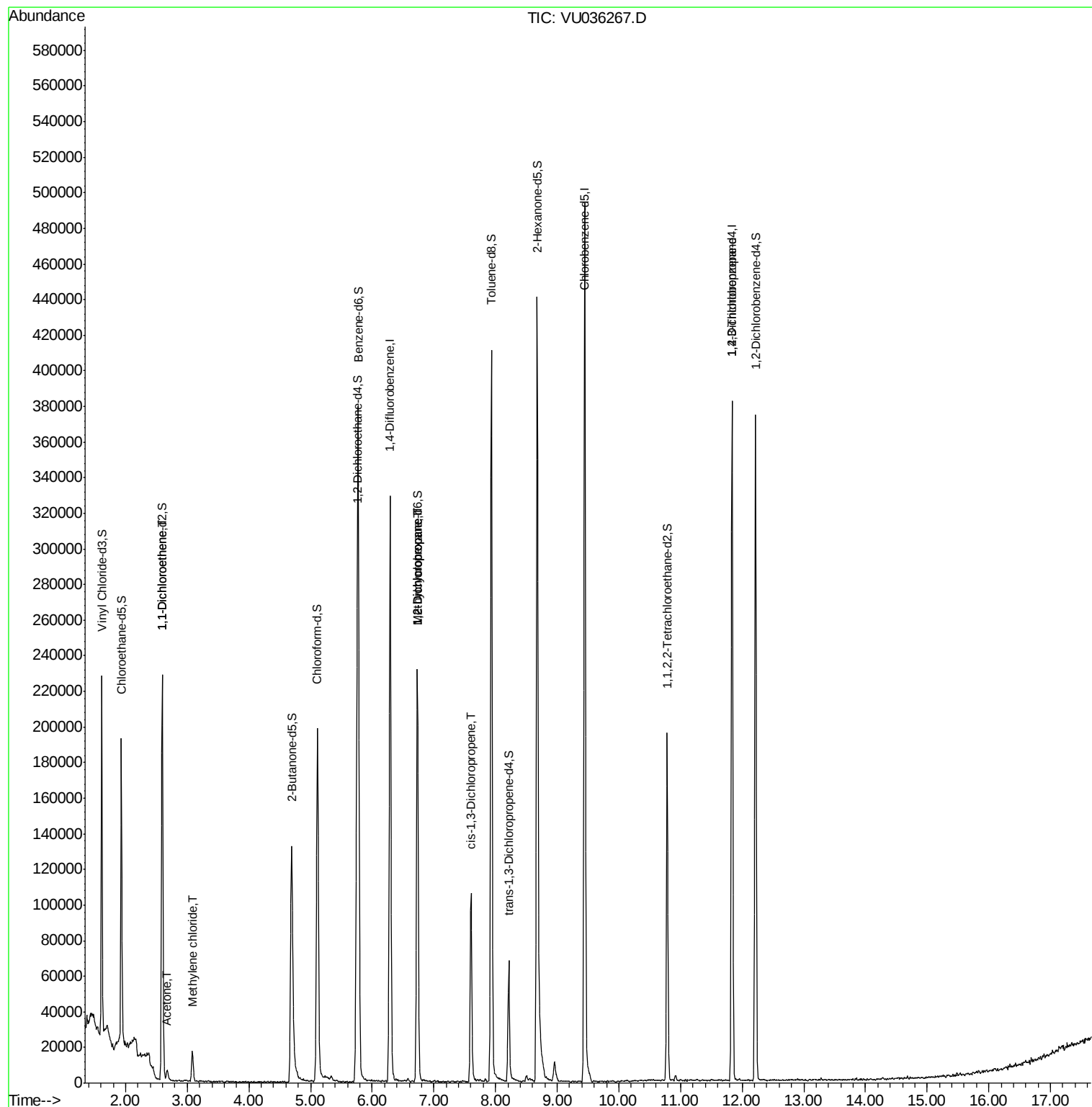
Target Compounds

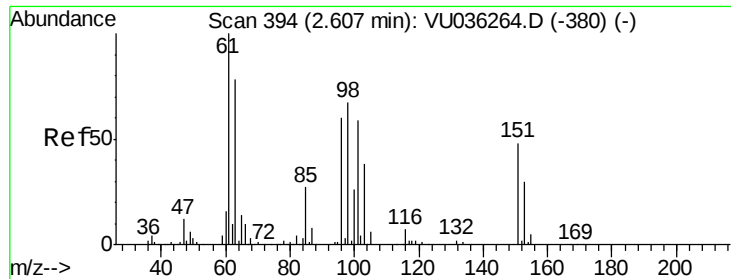
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1310	0.065 ug/L #	1
13) Acetone	2.68	43	6733	1.714 ug/L	93
16) Methylene chloride	3.08	84	8863	0.297 ug/L	98
35) Methylcyclohexane	6.73	83	27417	0.832 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11798	0.514 ug/L #	87
39) cis-1,3-Dichloropropene	7.61	75	2874	0.092 ug/L #	33
59) 1,2,3-Trichloropropane	11.83	75	11567	0.758 ug/L	93

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

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Quant Title : TRACE VOA SOM01.0
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#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036267.D

Acq: 18 Dec 2019 12:47

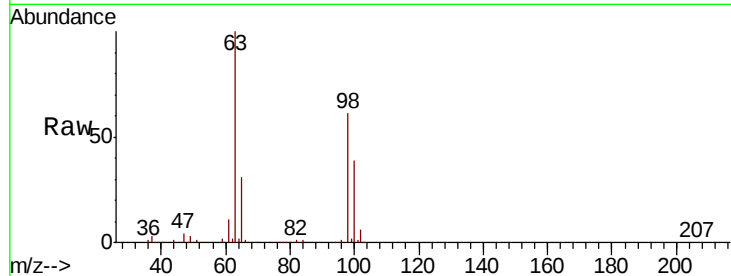
Tot Ion: 96 Resp: 1310

Ion Ratio Lower Upper

96 100

61 1146.6 114.0 211.8#

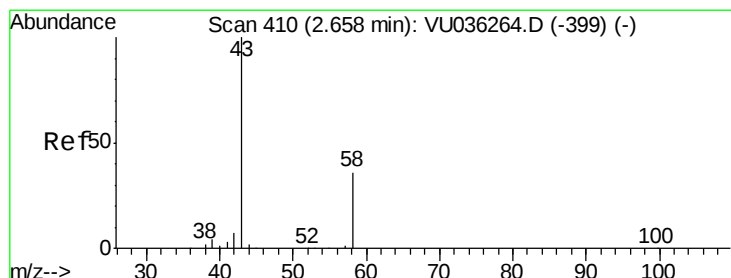
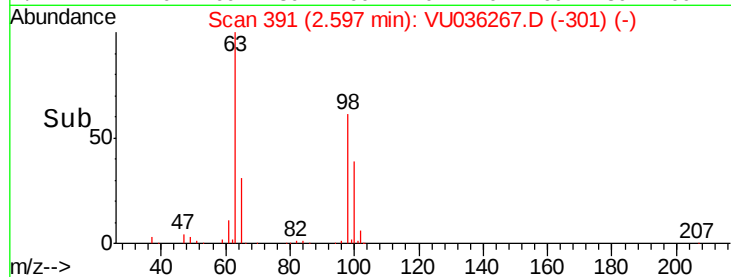
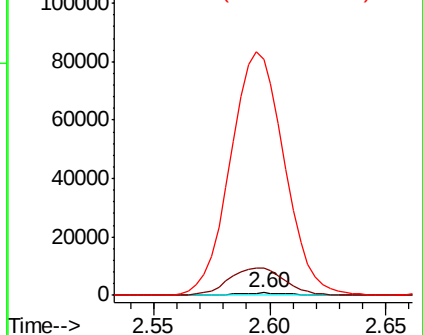
63 10059.1 63.6 118.0#



Abundance Ion 96.00 (95.70 to 96.70): VU036267.D

Ion 61.05 (60.75 to 61.75): VU036267.D

Ion 63.00 (62.70 to 63.70): VU036267.D



#13

Acetone

Concen: 1.714 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.02 min

Lab File: VU036267.D

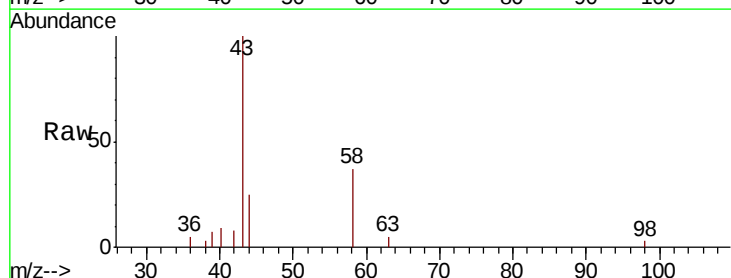
Acq: 18 Dec 2019 12:47

Tgt Ion: 43 Resp: 6733

Ion Ratio Lower Upper

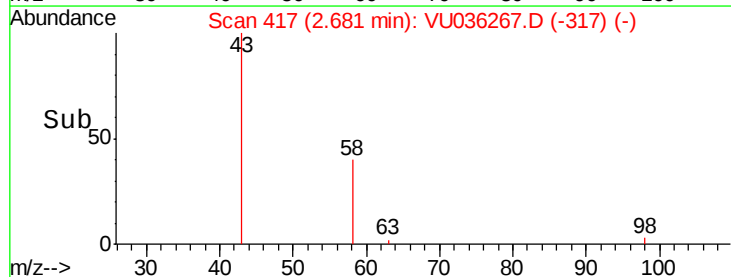
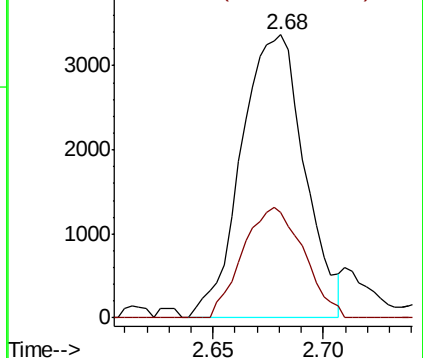
43 100

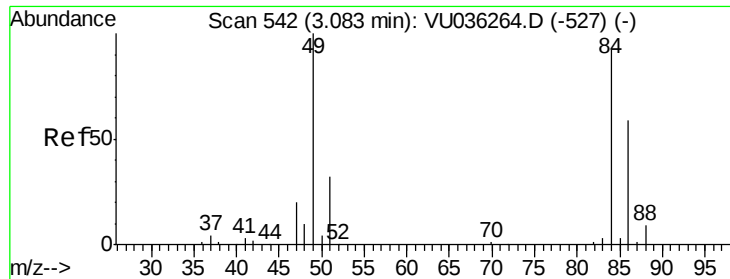
58 37.5 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036267.D

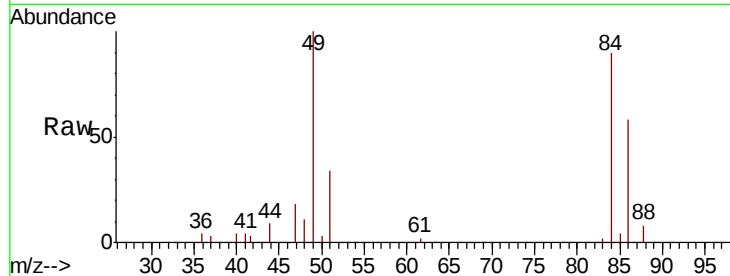
Ion 58.05 (57.75 to 58.75): VU036267.D



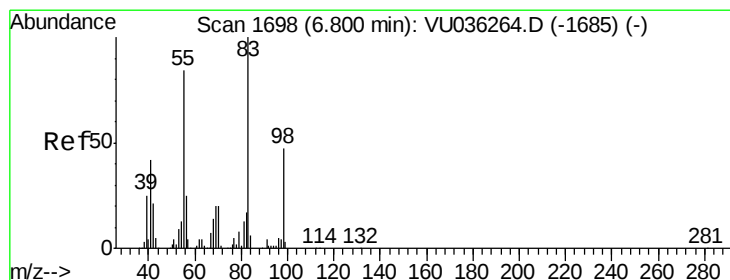
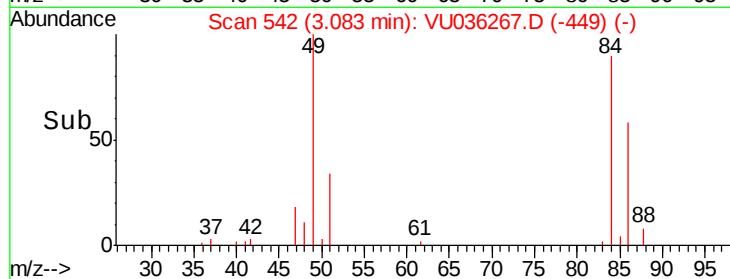
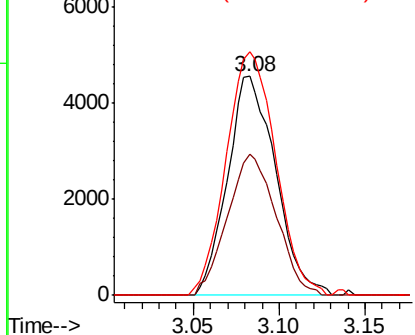


#16
Methvlene chloride
Concen: 0.297 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU036267.D
Acq: 18 Dec 2019 12:47

Tot Ion: 84 Resp: 8863
Ion Ratio Lower Upper
84 100
86 64.4 43.0 79.8
49 111.2 77.3 143.5

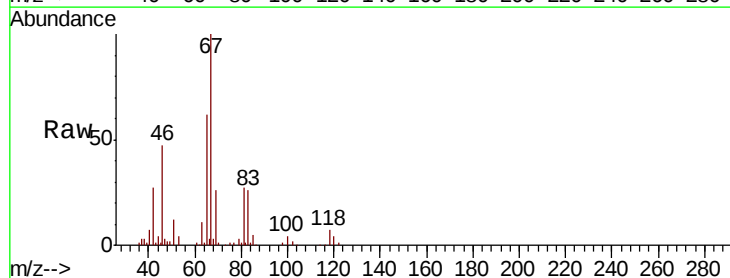


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

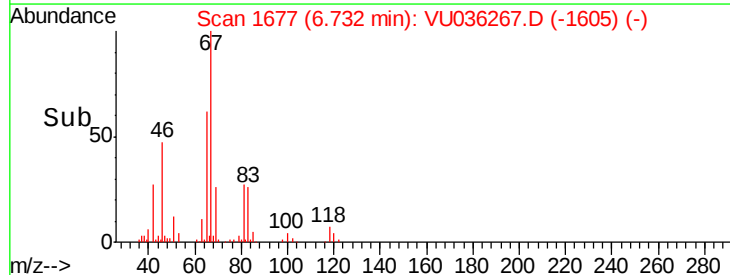
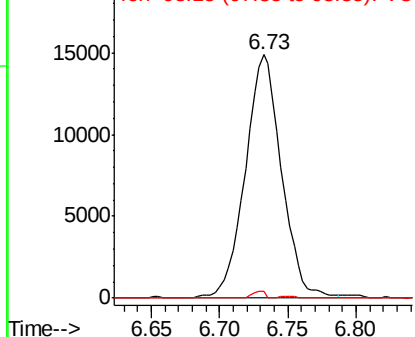


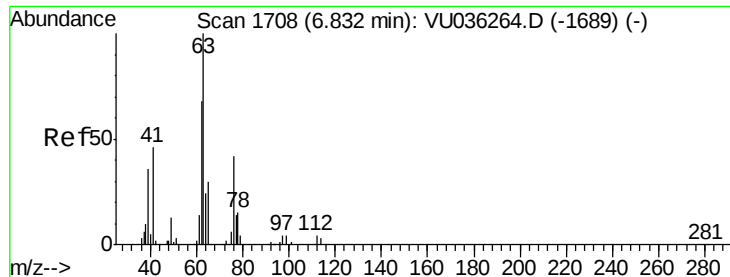
#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036267.D
Acq: 18 Dec 2019 12:47

Tgt Ion: 83 Resp: 27417
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.9 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: 0.514 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036267.D

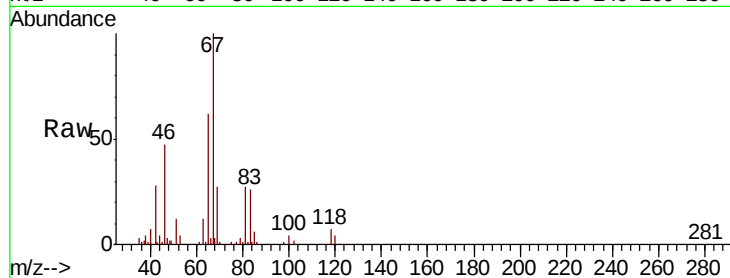
Acq: 18 Dec 2019 12:47

Tot Ion: 63 Resp: 11798

Ion Ratio Lower Upper

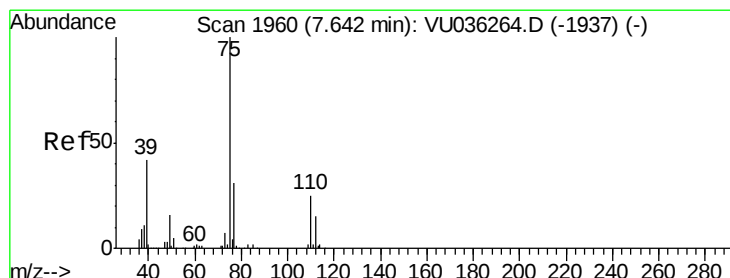
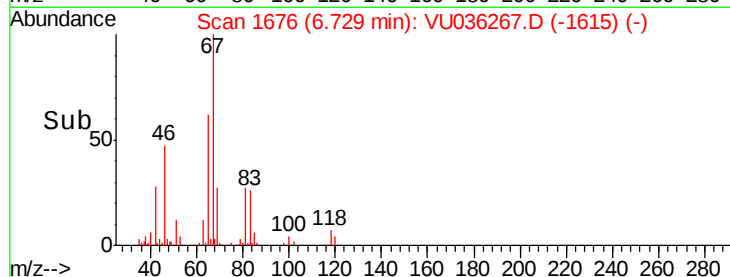
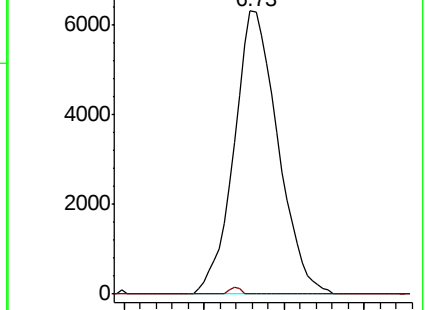
63 100

112 0.6 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU036267.D (-1676) (-)

Ion 112.10 (111.80 to 112.80): VU036267.D (-1676) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU036267.D

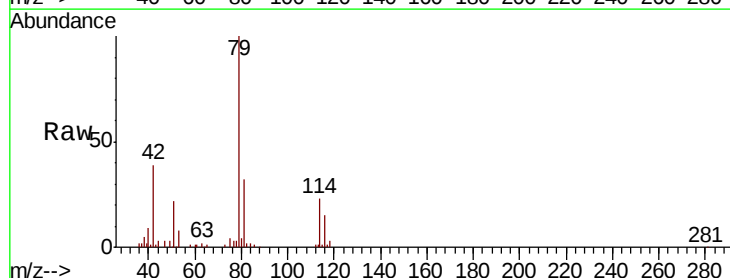
Acq: 18 Dec 2019 12:47

Tgt Ion: 75 Resp: 2874

Ion Ratio Lower Upper

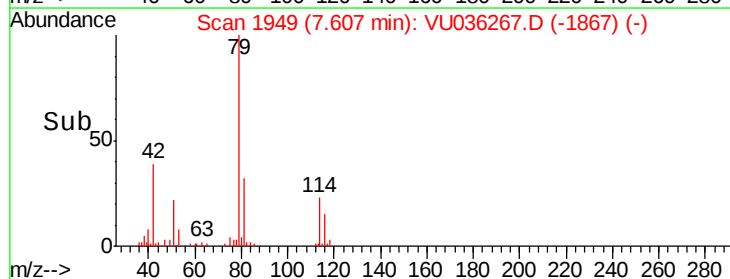
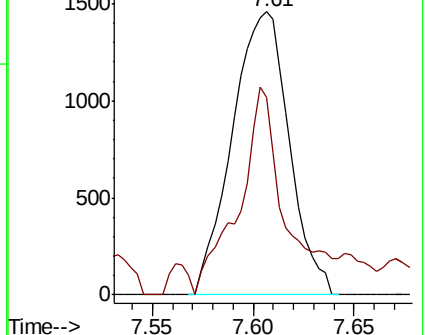
75 100

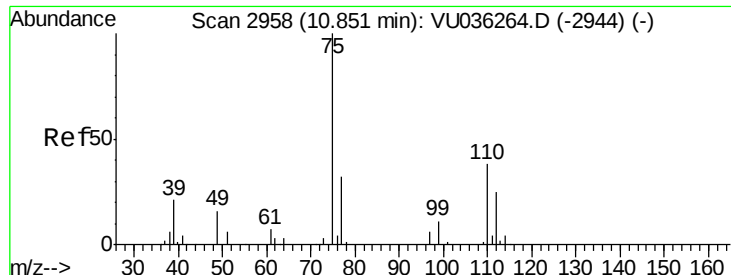
77 70.0 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU036267.D (-1867) (-)

Ion 77.05 (76.75 to 77.75): VU036267.D (-1867) (-)

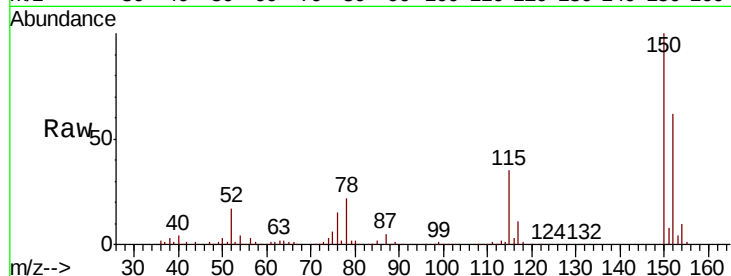




#59

1,2,3-Trichloropropane
 Concen: 0.758 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU036267.D
 Acq: 18 Dec 2019 12:47

Tot Ion: 75 Resp: 11567
 Ion Ratio Lower Upper
 75 100
 77 37.8 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

