

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121719\
 Data File : VU036253.D
 Acq On : 17 Dec 2019 12:55
 Operator : JC/MD
 Sample : K6275-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:26:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 18 01:23:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	233453	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	262605	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	82613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	77045	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.93	69	79485	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.59	63	86711	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.68	46	177214	46.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.02%
24) Chloroform-d	5.11	84	111835	3.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.60%#
26) 1,2-Dichloroethane-d4	5.75	65	84042	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.77	84	272406	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.73	67	91302	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.93	98	222358	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	8.21	79	34562	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.69	63	137668	42.07	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.14%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	85955	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	73667	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

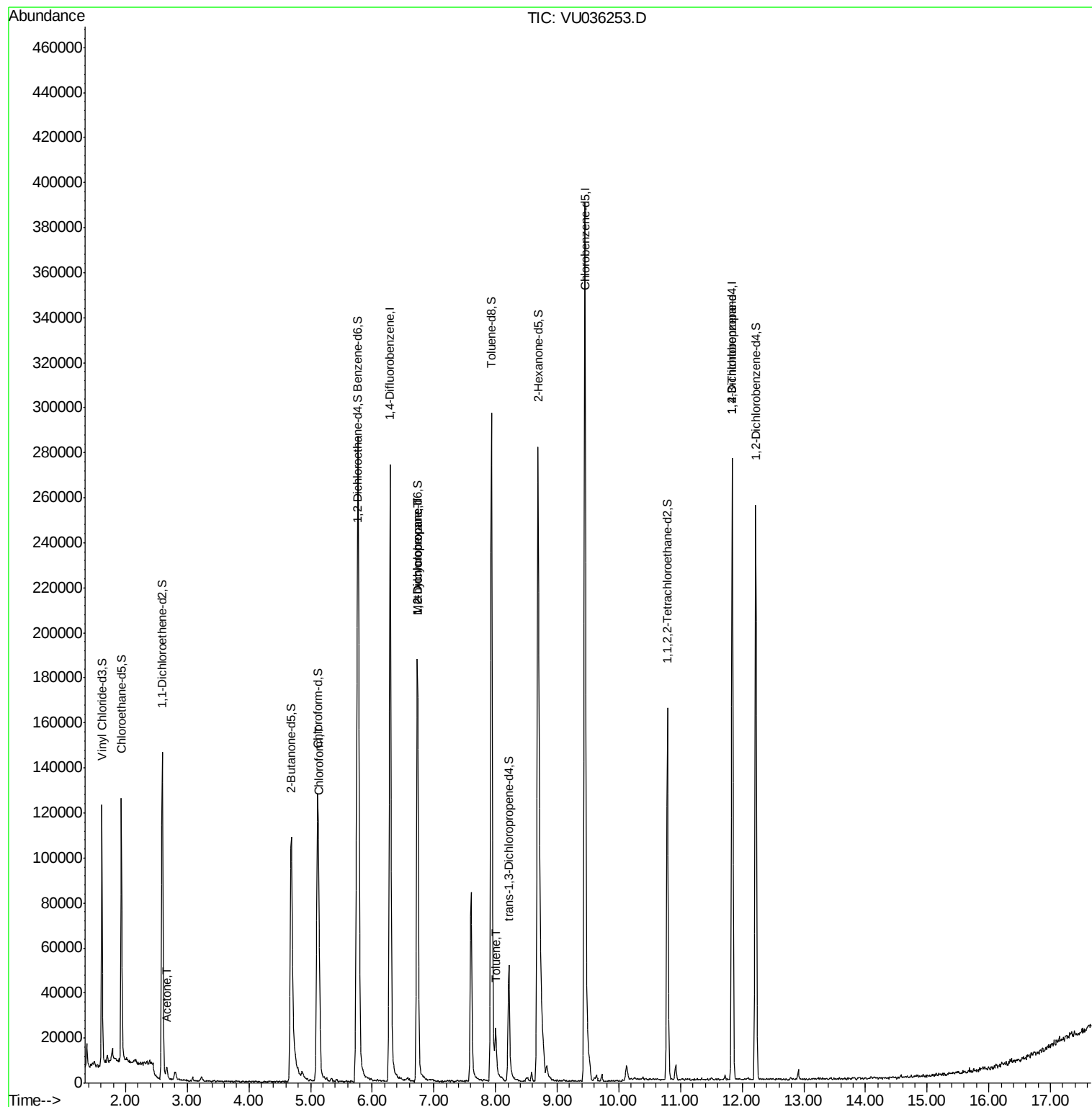
					Ovalue
13) Acetone	2.66	43	5785	1.723 ug/L	95
25) Chloroform	5.14	83	41156	1.136 ug/L	99
35) Methylcyclohexane	6.73	83	21819	0.738 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	10292	0.500 ug/L #	88
42) Toluene	8.00	91	14301	0.165 ug/L	90
59) 1,2,3-Trichloropropane	11.84	75	9221	0.674 ug/L	94

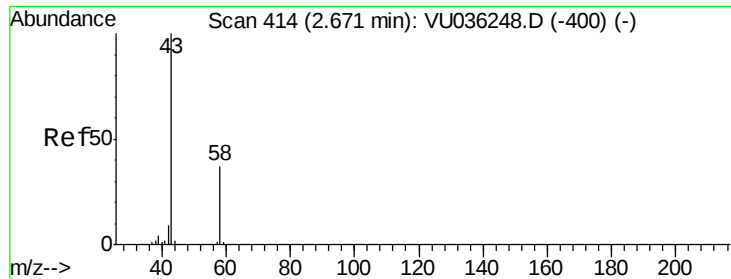
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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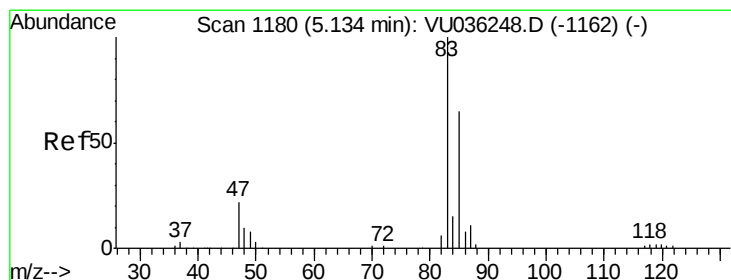
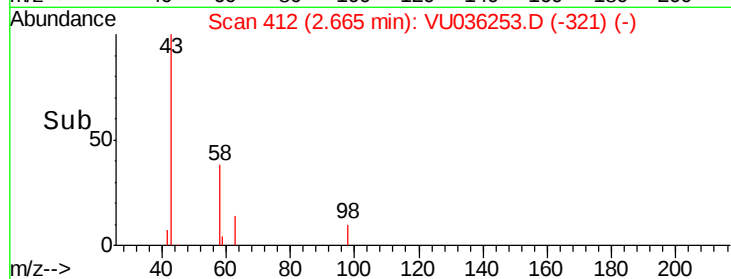
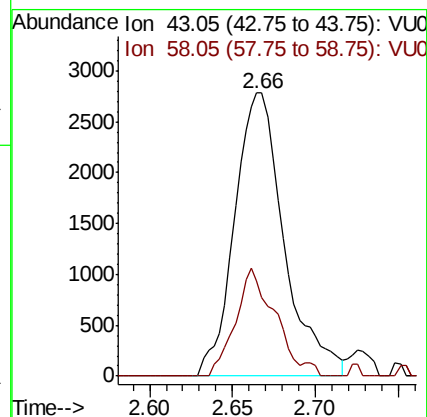
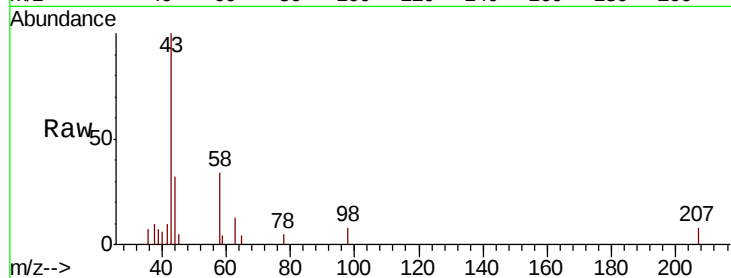




#13
Acetone
Concen: 1.723 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.01 min
Lab File: VU036253.D
Acq: 17 Dec 2019 12:55

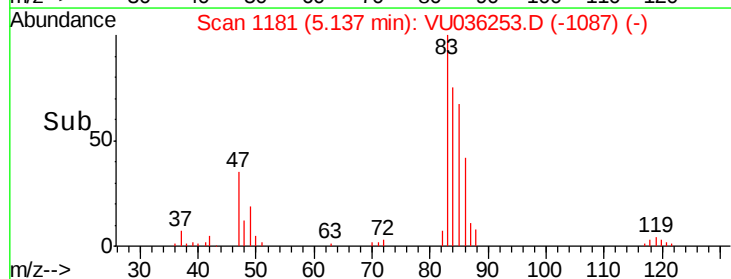
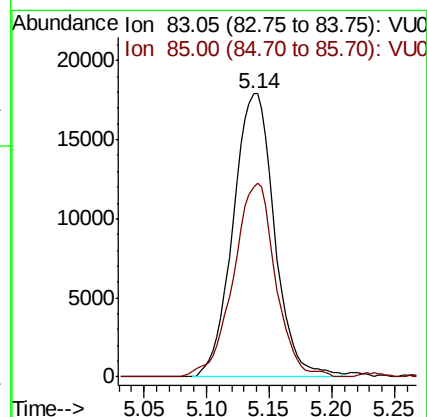
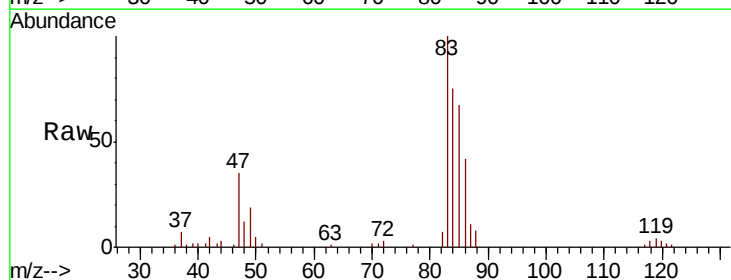
Instrument :
MSVOA_U
ClientSampleId :

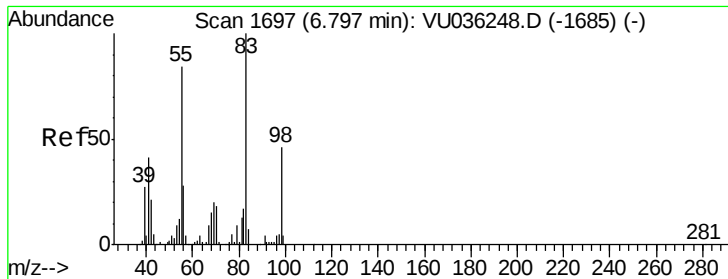
Tot Ion: 43 Resp: 5785
Ion Ratio Lower Upper
43 100
58 30.8 0.0 67.6



#25
Chloroform
Concen: 1.136 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036253.D
Acq: 17 Dec 2019 12:55

Tgt Ion: 83 Resp: 41156
Ion Ratio Lower Upper
83 100
85 67.1 47.5 88.1

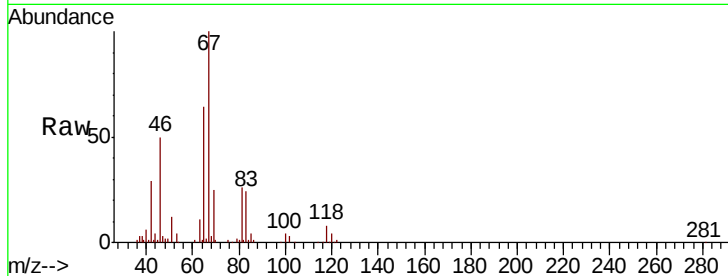




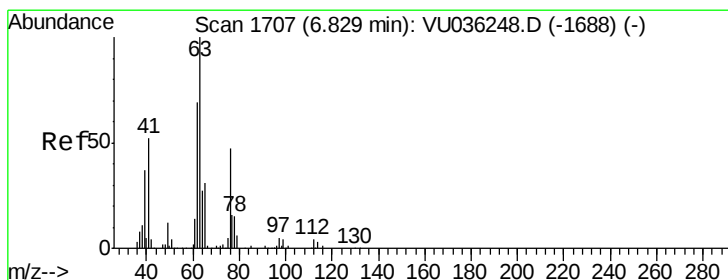
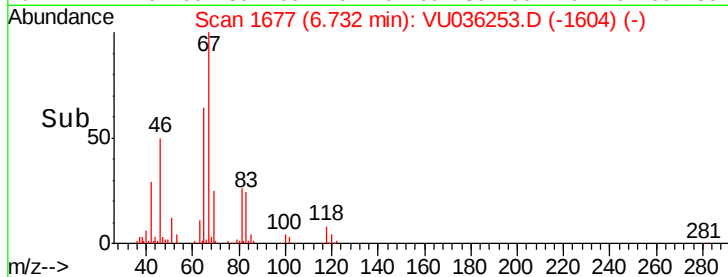
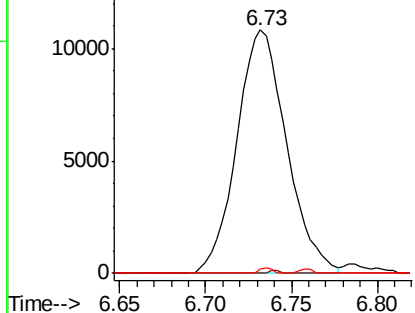
#35
Methvlcvclohexane
Concen: 0.738 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.06 min
Lab File: VU036253.D
Acq: 17 Dec 2019 12:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 21819
Ion Ratio Lower Upper
83 100
55 0.3 62.6 94.0#
98 0.6 36.2 54.2#

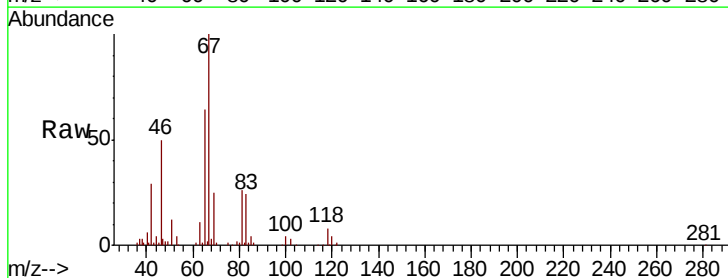


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

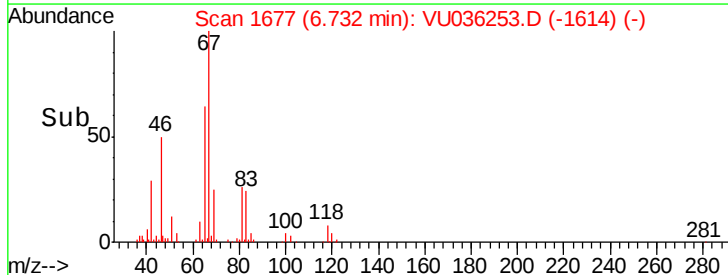
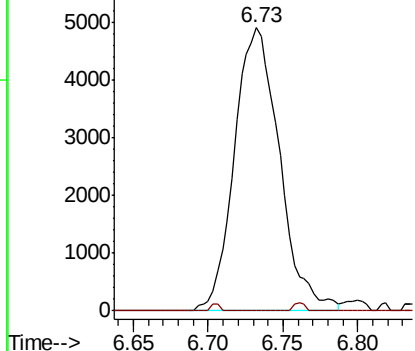


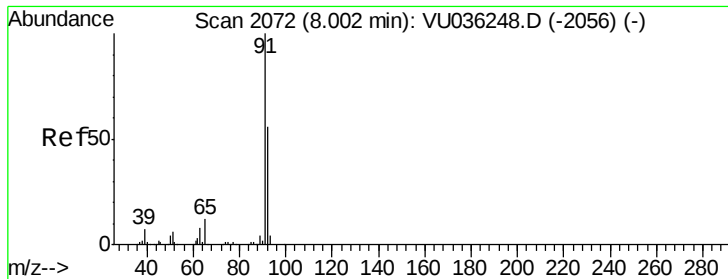
#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036253.D
Acq: 17 Dec 2019 12:55

Tgt Ion: 63 Resp: 10292
Ion Ratio Lower Upper
63 100
112 0.7 3.8 5.8#



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





#42

Toluene

Concen: 0.165 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU036253.D

Acq: 17 Dec 2019 12:55

Instrument :

MSVOA_U

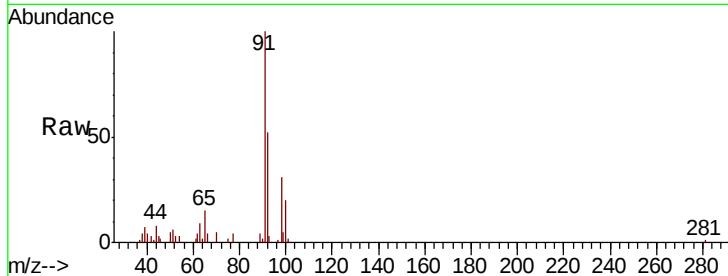
ClientSampleId :

Tot Ion: 91 Resp: 14301

Ion Ratio Lower Upper

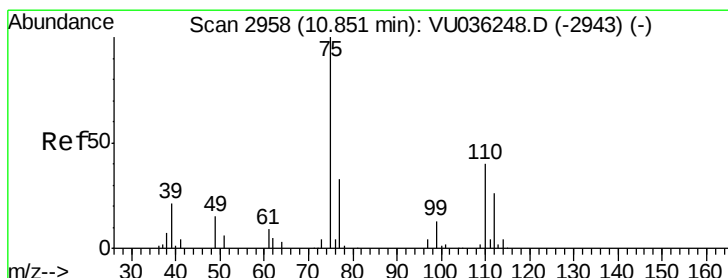
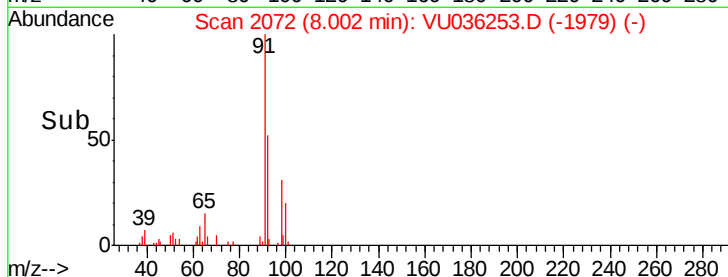
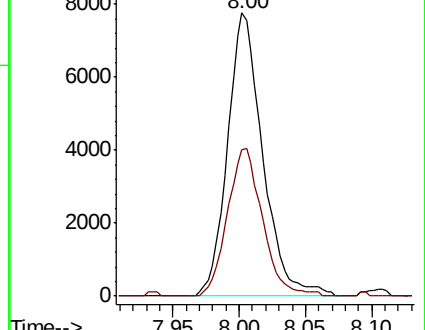
91 100

92 51.5 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VU036248.D (-2056) (-)

Ion 92.15 (91.85 to 92.85): VU036248.D (-2056) (-)



#59

1,2,3-Trichloropropane

Concen: 0.674 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036253.D

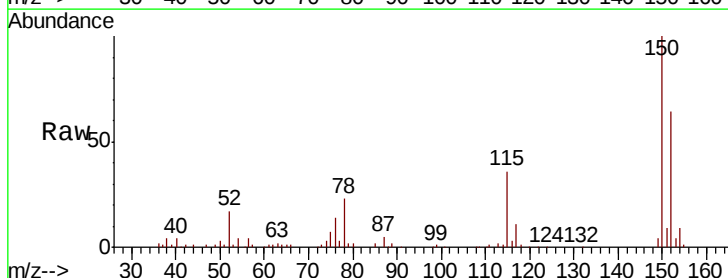
Acq: 17 Dec 2019 12:55

Tgt Ion: 75 Resp: 9221

Ion Ratio Lower Upper

75 100

77 37.3 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU036248.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU036248.D (-2943) (-)

