

Data File : VU036916.D
Acq On : 26 Feb 2020 15:40
Operator : JC/MD
Sample : L1687-06 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AS6

Quant Time: Feb 27 04:50:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 04:47:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	255936	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	239363	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89989	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94397	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.84%
7) Chloroethane-d5	1.93	69	84667	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.22%
11) 1,1-Dichloroethene-d2	2.59	63	122273	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.94%
21) 2-Butanone-d5	4.67	46	153360	106.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.38%
24) Chloroform-d	5.11	84	157581	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
26) 1,2-Dichloroethane-d4	5.74	65	110467	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
32) Benzene-d6	5.76	84	344472	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
36) 1,2-Dichloropropane-d6	6.73	67	113775	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.46%
41) Toluene-d8	7.93	98	313458	48.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.62%
43) trans-1,3-Dichloropropene-	8.20	79	49365	47.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.74%
47) 2-Hexanone-d5	8.66	63	115458	105.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	159231	50.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.72%
64) 1,2-Dichlorobenzene-d4	12.21	152	94527	53.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.46%

Target Compounds

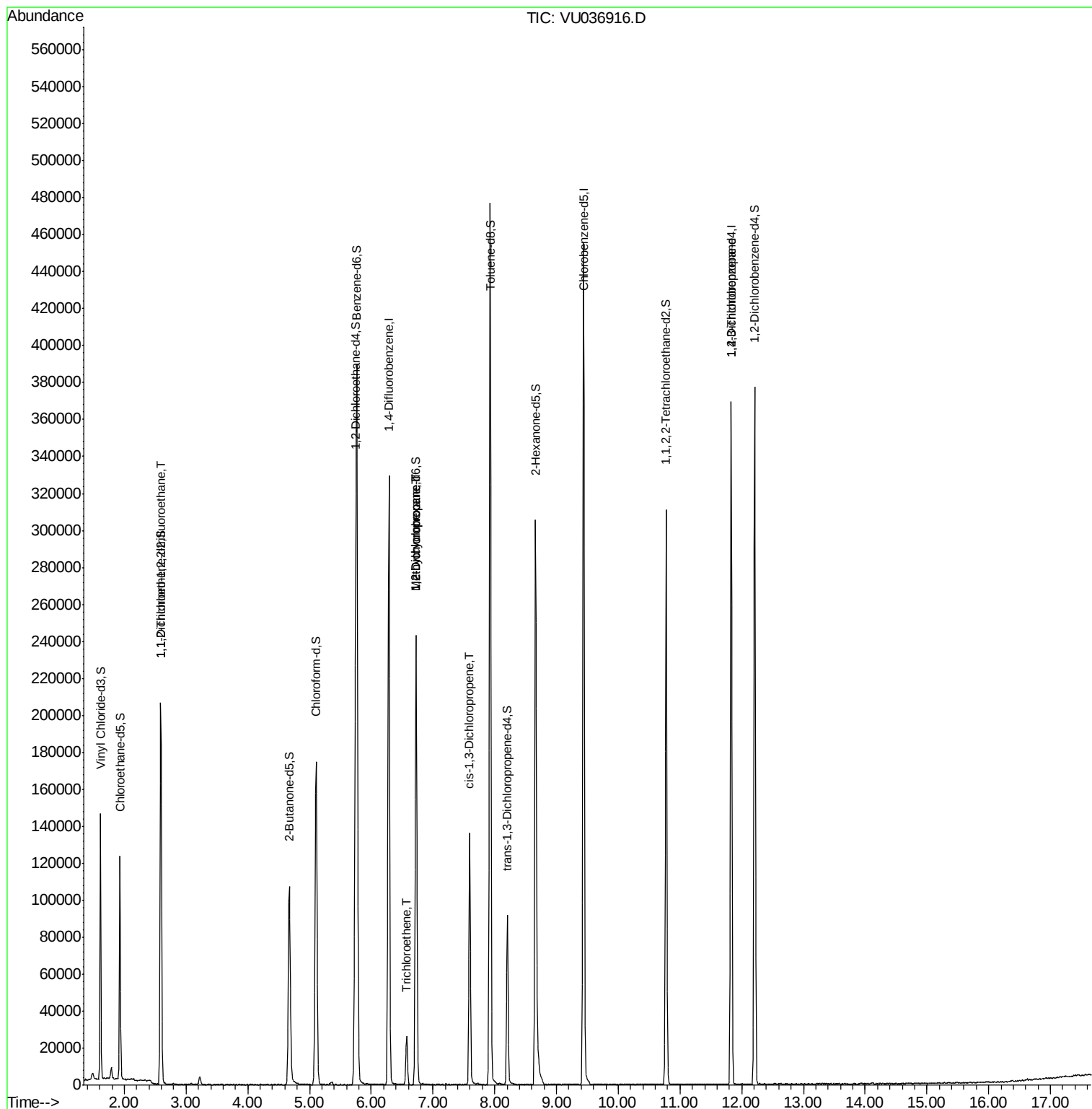
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	1558	0.953	ug/L #	34
34) Trichloroethene	6.57	95	8630	4.643	ug/L	97
35) Methylcyclohexane	6.73	83	25162	7.808	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12613	6.195	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3163	1.008	ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	13422	5.124	ug/L	89

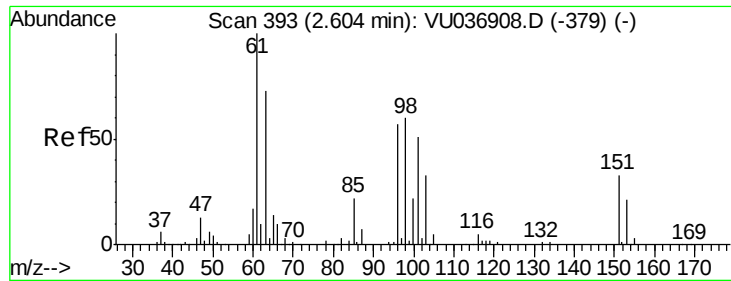
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU036916.D
Acq On : 26 Feb 2020 15:40
Operator : JC/MD
Sample : L1687-06 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AS6

Quant Time: Feb 27 04:50:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 04:47:27 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.953 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036916.D

Acq: 26 Feb 2020 15:40

Instrument :

MSVOA_U

ClientSampled :

C0AS6

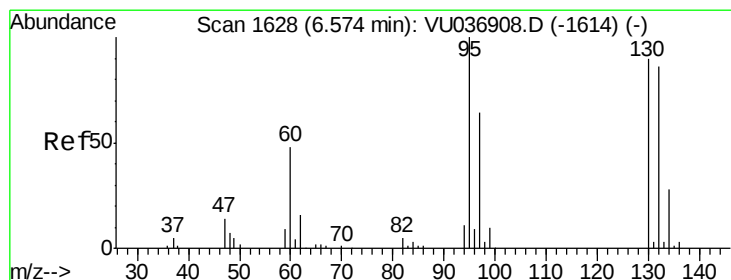
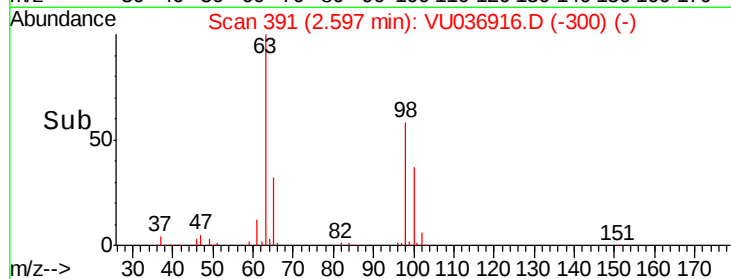
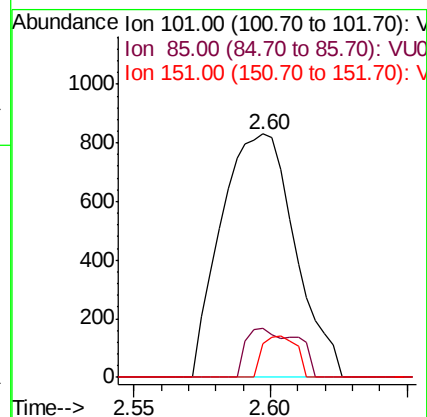
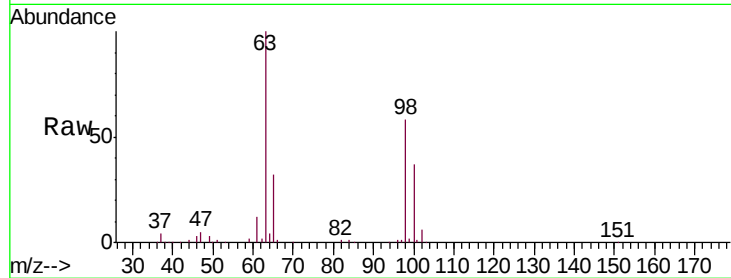
Tgt Ion:101 Resp: 1558

Ion Ratio Lower Upper

101 100

85 9.1 36.4 54.6#

151 7.8 52.4 78.6#



#34

Trichloroethene

Concen: 4.643 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036916.D

Acq: 26 Feb 2020 15:40

Tgt Ion: 95 Resp: 8630

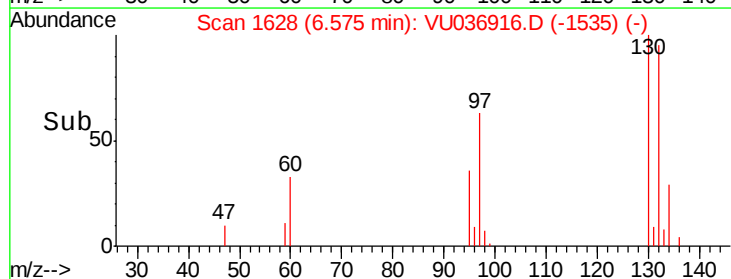
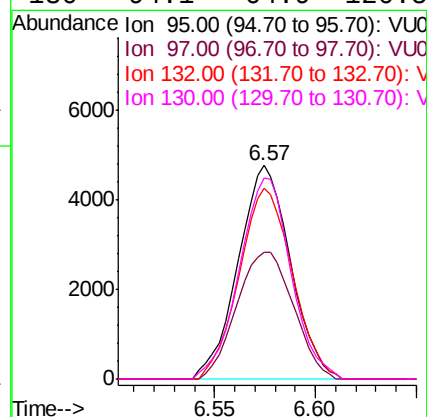
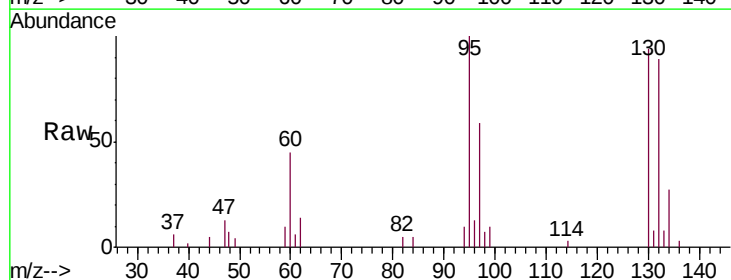
Ion Ratio Lower Upper

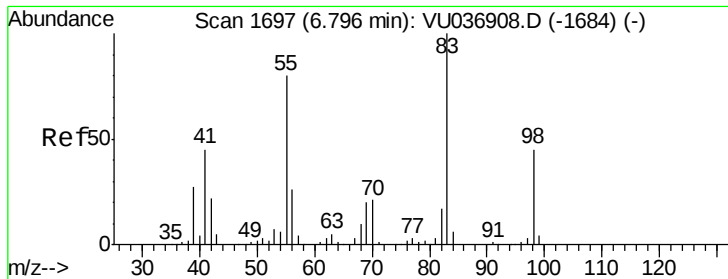
95 100

97 59.4 44.1 81.9

132 89.0 60.6 112.6

130 94.1 64.9 120.5

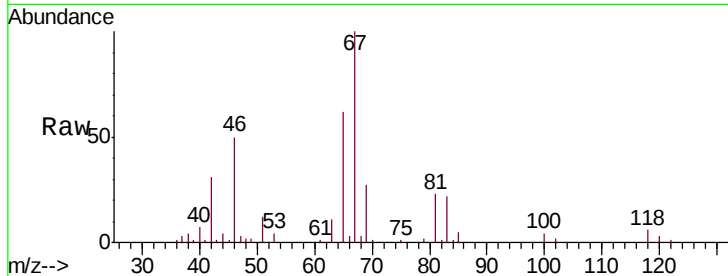




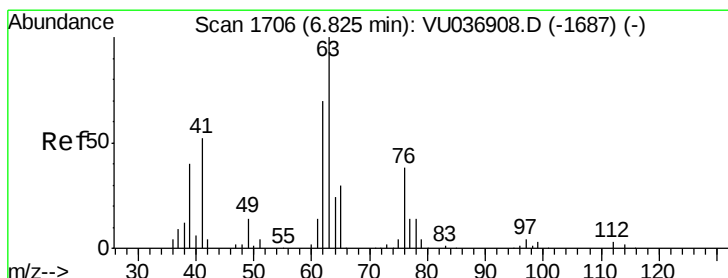
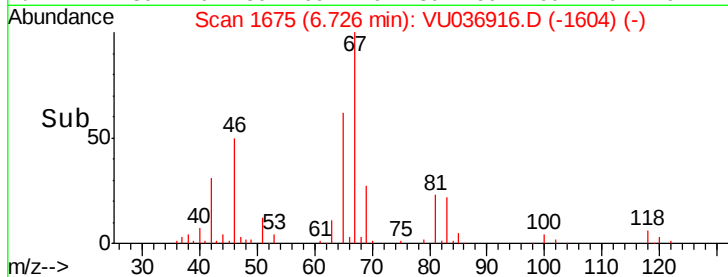
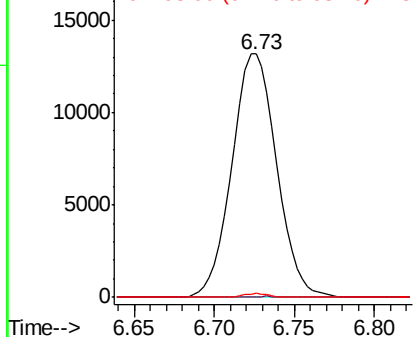
#35
Methylcyclohexane
Concen: 7.808 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036916.D
Acq: 26 Feb 2020 15:40

Instrument :
MSVOA_U
ClientSampleId :
C0AS6

Tgt Ion: 83 Resp: 25162
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 0.8 35.1 52.7#

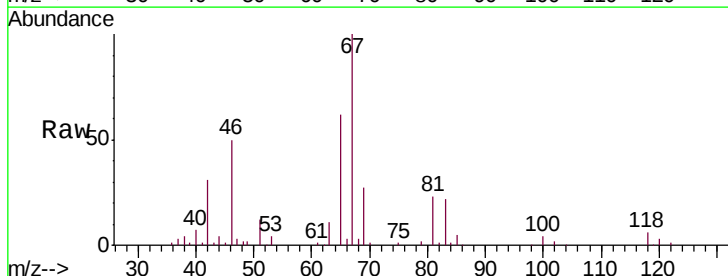


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

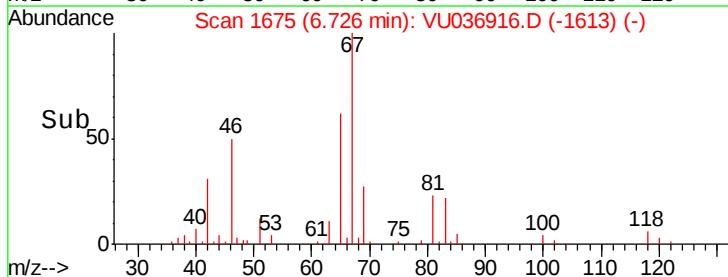
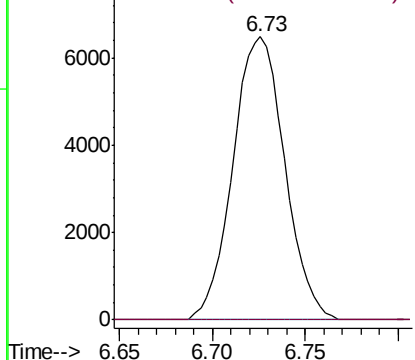


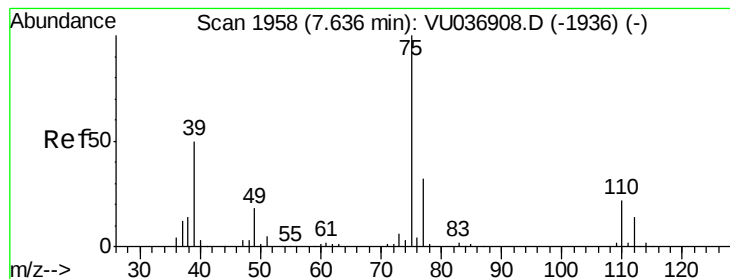
#37
1,2-Dichloropropane
Concen: 6.195 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036916.D
Acq: 26 Feb 2020 15:40

Tgt Ion: 63 Resp: 12613
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.008 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU036916.D

Acq: 26 Feb 2020 15:40

Instrument :

MSVOA_U

ClientSampleId :

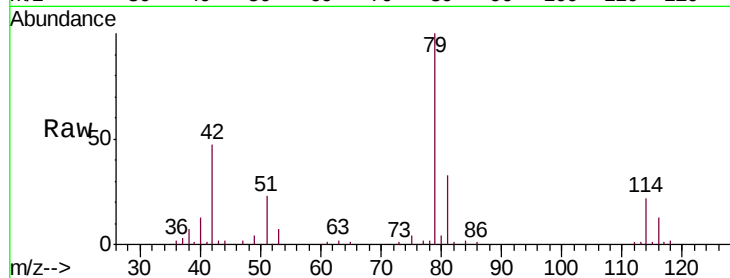
C0AS6

Tgt Ion: 75 Resp: 3163

Ion Ratio Lower Upper

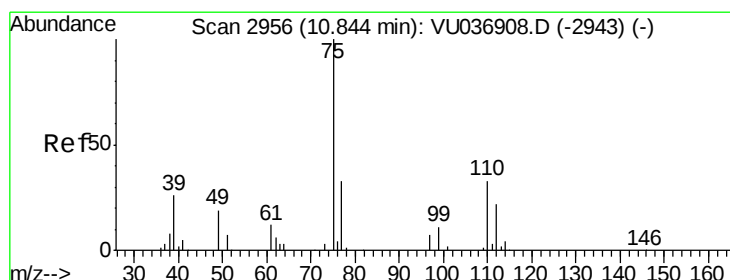
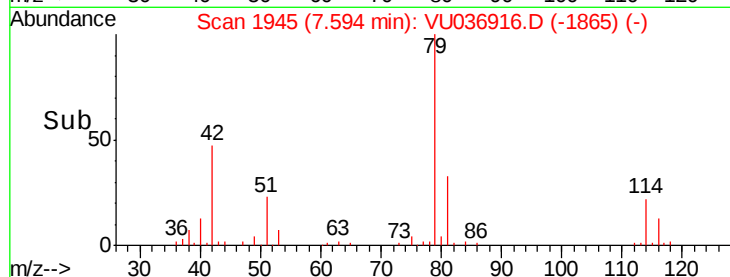
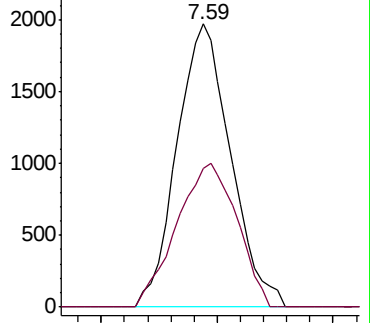
75 100

77 49.1 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU036916.D (-1865) (-)

Ion 77.00 (76.70 to 77.70): VU036916.D (-1865) (-)



#59

1,2,3-Trichloropropane

Concen: 5.124 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036916.D

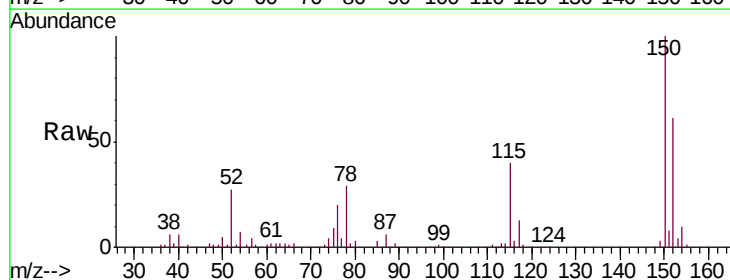
Acq: 26 Feb 2020 15:40

Tgt Ion: 75 Resp: 13422

Ion Ratio Lower Upper

75 100

77 39.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU036916.D (-2334) (-)

Ion 77.00 (76.70 to 77.70): VU036916.D (-2334) (-)

