

Data File : VU036965.D
Acq On : 28 Feb 2020 12:05
Operator : JC/MD
Sample : L1677-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CD9

Quant Time: Feb 29 00:33:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	191222	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	180430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	67480	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90442	56.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.64%
7) Chloroethane-d5	1.93	69	83443	62.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.60%
11) 1,1-Dichloroethene-d2	2.59	63	120276	44.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.46%
21) 2-Butanone-d5	4.67	46	146379	135.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	135.89%#
24) Chloroform-d	5.11	84	159873	65.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	130.40%#
26) 1,2-Dichloroethane-d4	5.74	65	109970	66.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.54%#
32) Benzene-d6	5.76	84	349408	66.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.94%#
36) 1,2-Dichloropropane-d6	6.72	67	113887	67.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	134.74%#
41) Toluene-d8	7.93	98	313412	64.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.50%#
43) trans-1,3-Dichloropropene-	8.21	79	48313	61.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	123.00%
47) 2-Hexanone-d5	8.66	63	104598	126.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.55%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	156420	65.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	131.26%#
64) 1,2-Dichlorobenzene-d4	12.21	152	93143	70.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	141.22%#

Target Compounds

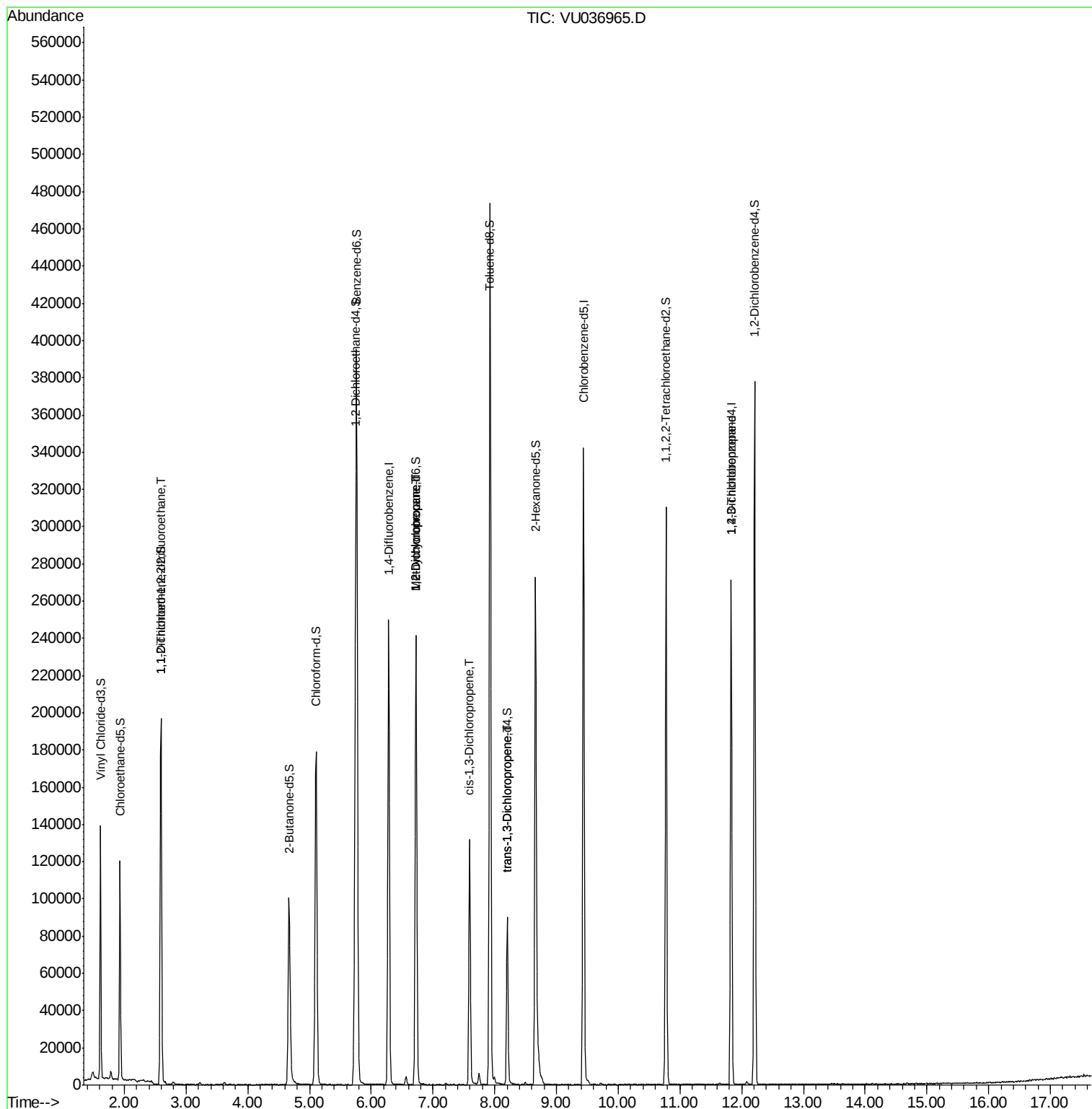
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1049	0.859	ug/L #	23
35) Methylcyclohexane	6.73	83	25764	10.607	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12202	7.950	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3338	1.412	ug/L #	76
44) trans-1,3-Dichloropropene	8.21	75	2119	1.033	ug/L #	81
59) 1,2,3-Trichloropropane	11.83	75	10184	5.158	ug/L	92

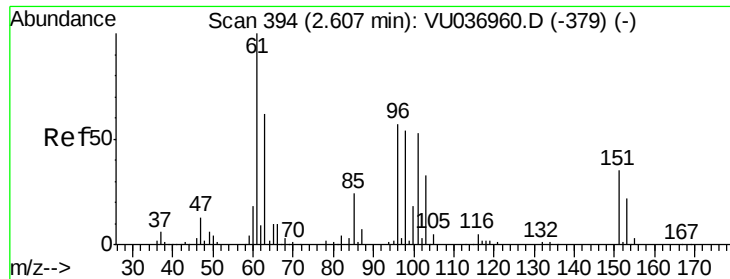
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.859 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU036965.D

Acq: 28 Feb 2020 12:05

Instrument :

MSVOA_U

ClientSampled :

C0CD9

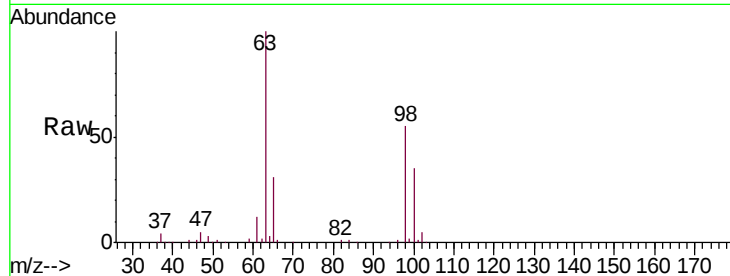
Tgt Ion: 101 Resp: 1049

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

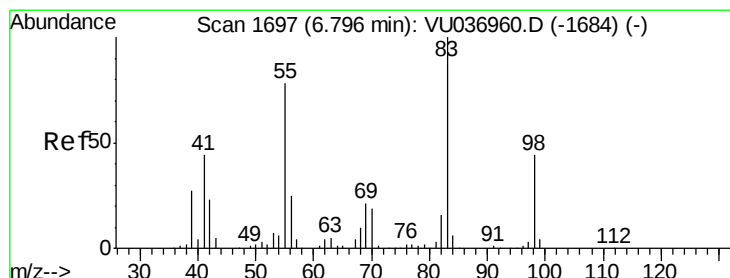
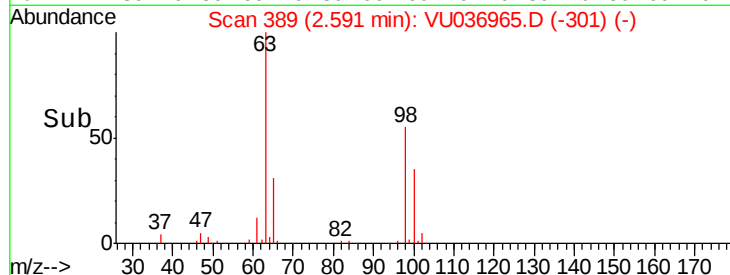
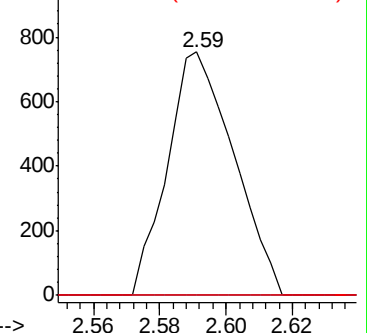
151 0.0 52.4 78.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#35

Methylcyclohexane

Concen: 10.607 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036965.D

Acq: 28 Feb 2020 12:05

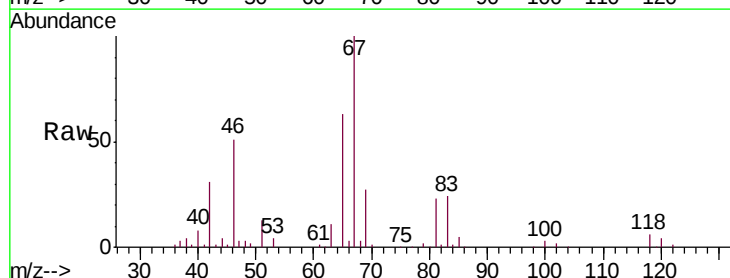
Tgt Ion: 83 Resp: 25764

Ion Ratio Lower Upper

83 100

55 0.0 62.6 93.8#

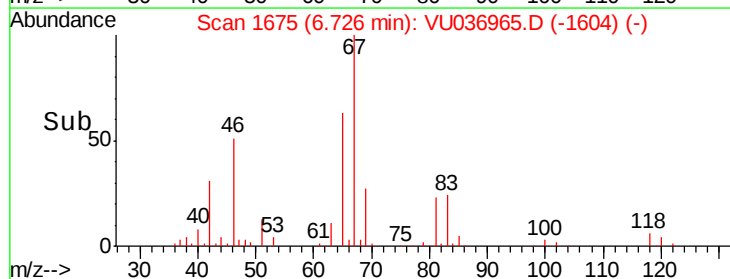
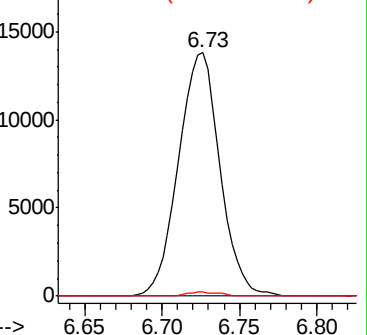
98 0.9 35.1 52.7#

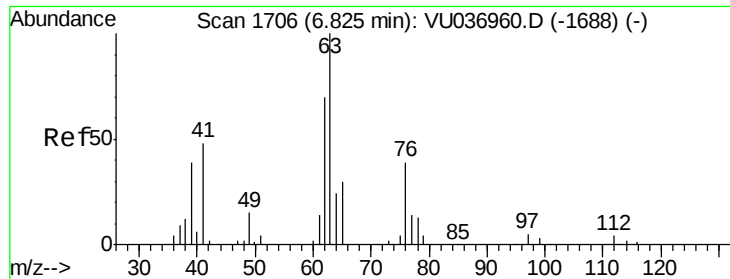


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

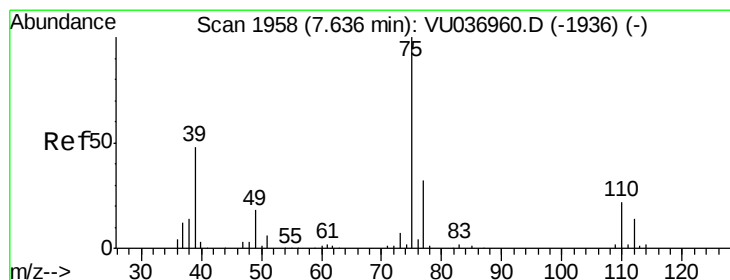
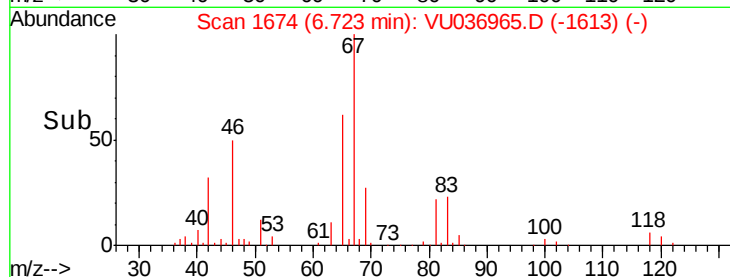
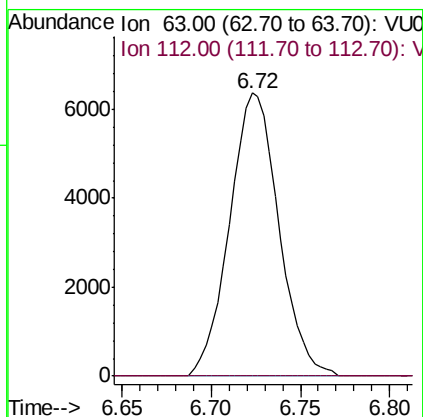
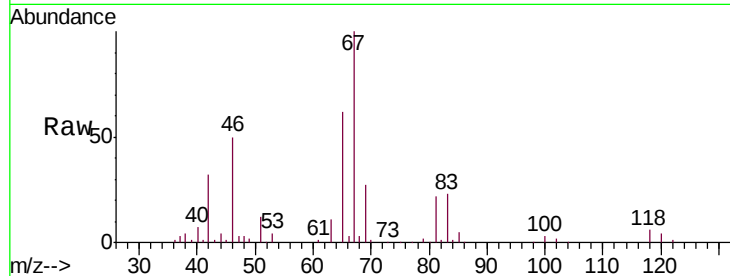




#37
 1,2-Dichloropropane
 Concen: 7.950 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU036965.D
 Acq: 28 Feb 2020 12:05

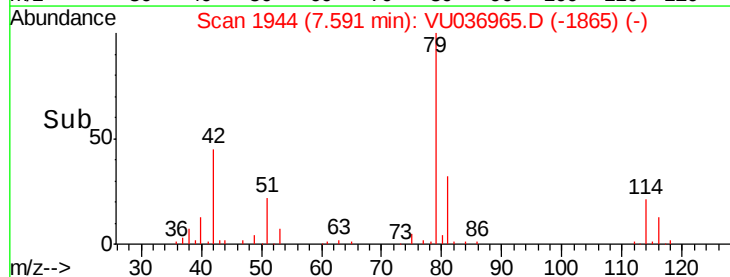
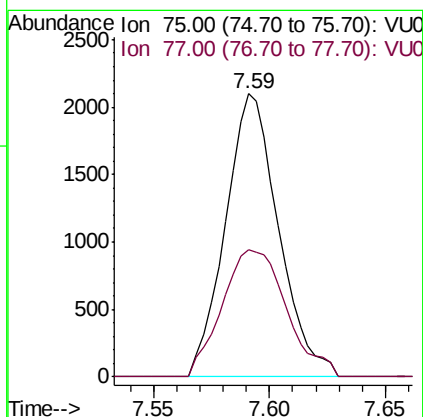
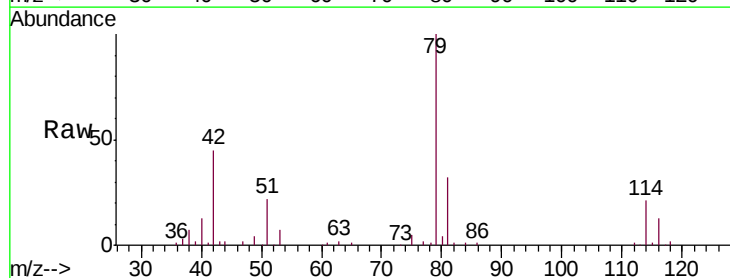
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 C0CD9

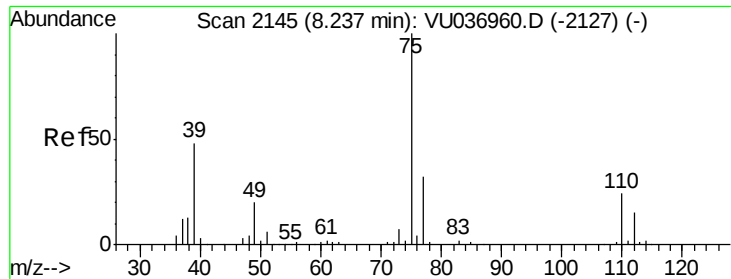
Tgt Ion: 63 Resp: 12202
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.412 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU036965.D
 Acq: 28 Feb 2020 12:05

Tgt Ion: 75 Resp: 3338
 Ion Ratio Lower Upper
 75 100
 77 44.9 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 1.033 ug/L

RT: 8.21 min Scan# 2135

Delta R.T. -0.03 min

Lab File: VU036965.D

Acq: 28 Feb 2020 12:05

Instrument :

MSVOA_U

ClientSampled :

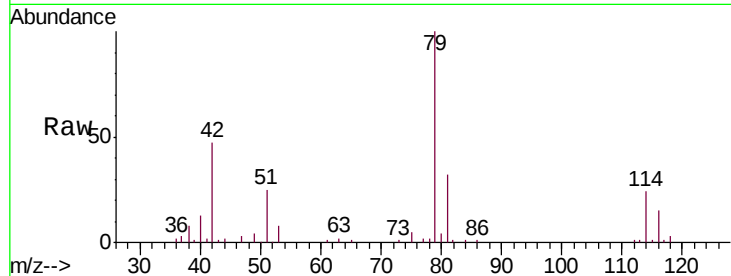
C0CD9

Tgt Ion: 75 Resp: 2119

Ion Ratio Lower Upper

75 100

77 41.5 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VU036960.D (-2127) (-)

Ion 77.00 (76.70 to 77.70): VU036965.D (-2052) (-)

8.21

1500

1000

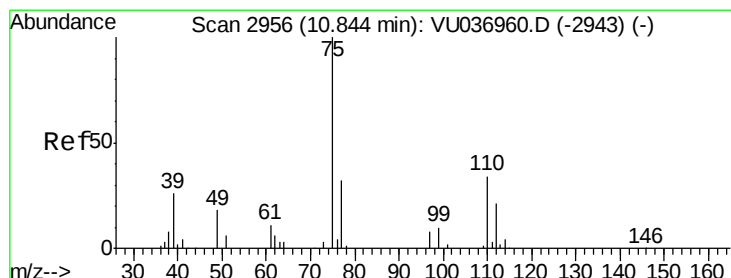
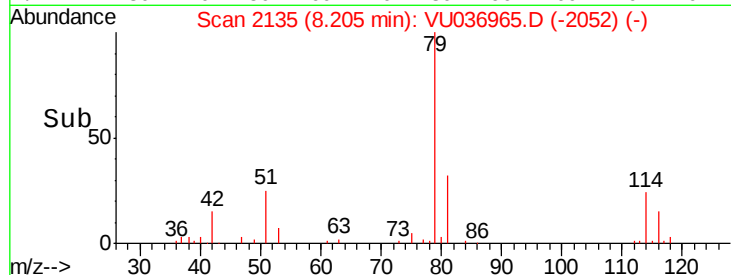
500

0

8.20

8.25

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.158 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036965.D

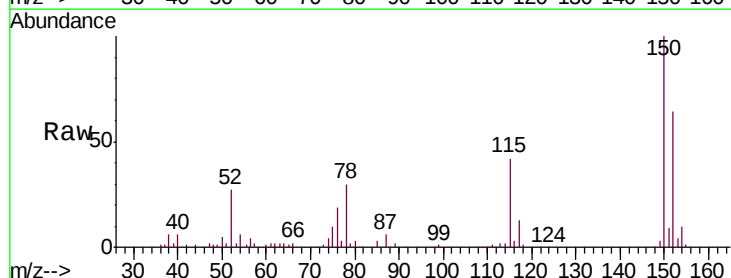
Acq: 28 Feb 2020 12:05

Tgt Ion: 75 Resp: 10184

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU036960.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU036965.D (-2334) (-)

11.83

6000

4000

2000

0

11.80

11.85

Time-->

