

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037283.D
 Acq On : 14 Mar 2020 23:35
 Operator : JC/MD
 Sample : L1923-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Mar 16 05:21:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	122005	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	123662	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	50988	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38361	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.93	69	32881	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.20%
11) 1,1-Dichloroethene-d2	2.59	63	54918	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.68	46	103129	50.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.64%
24) Chloroform-d	5.11	84	78697	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.74	65	47065	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.76	84	144919	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.73	67	47274	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.93	98	129012	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	17443	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.66	63	83318	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	38169	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	47411	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

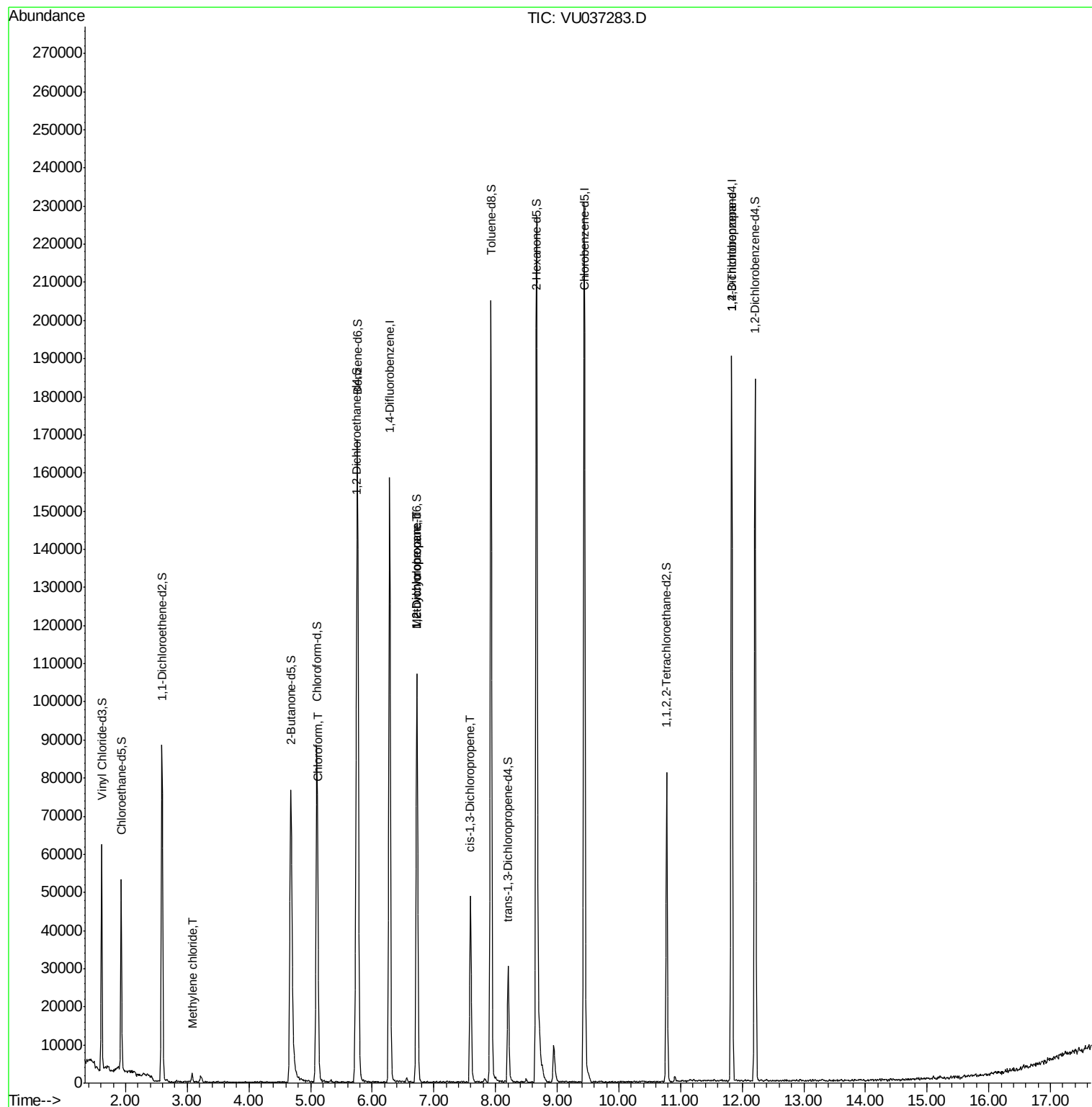
					Ovalue
16) Methylene chloride	3.08	84	1211	0.127 ug/L #	61
25) Chloroform	5.12	83	2982	0.160 ug/L	90
35) Methylcyclohexane	6.73	83	11467	0.751 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	6140	0.638 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1457	0.105 ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	6748	0.980 ug/L	93

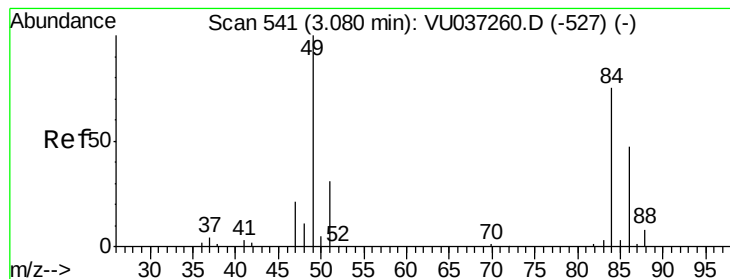
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.127 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

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Acq: 14 Mar 2020 23:35

Instrument :

MSVOA_U

ClientSampled :

VHBLK01

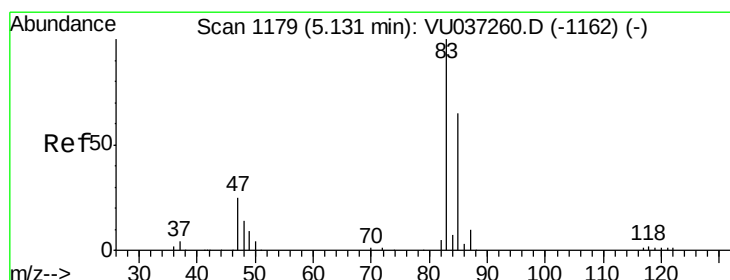
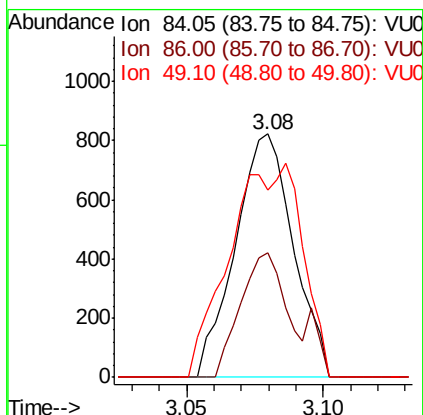
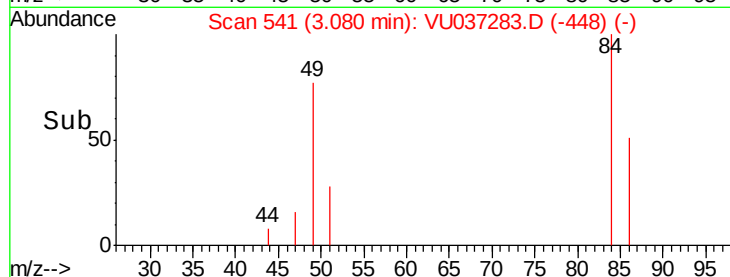
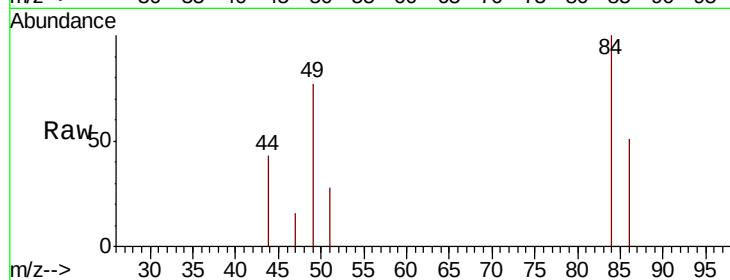
Tot Ion: 84 Resp: 1211

Ion Ratio Lower Upper

84 100

86 51.4 44.3 82.3

49 77.0 95.3 177.1#



#25

Chloroform

Concen: 0.160 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.01 min

Lab File: VU037283.D

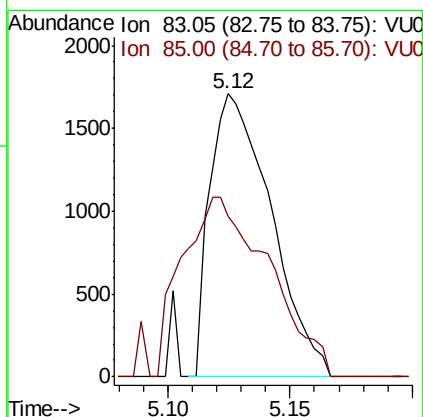
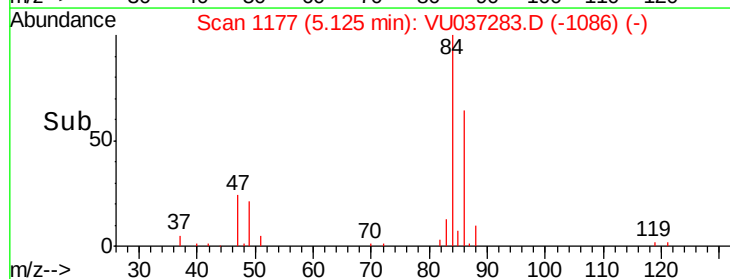
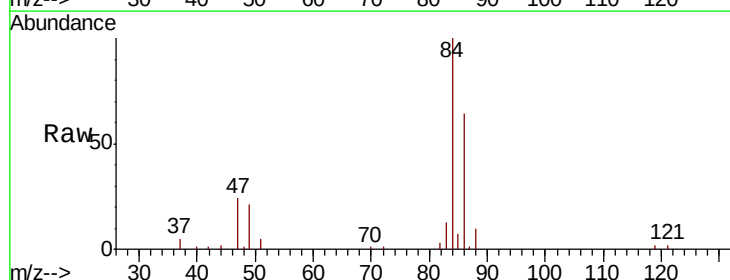
Acq: 14 Mar 2020 23:35

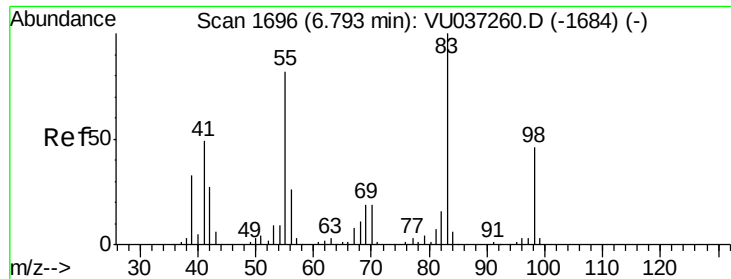
Tgt Ion: 83 Resp: 2982

Ion Ratio Lower Upper

83 100

85 56.6 45.3 84.1

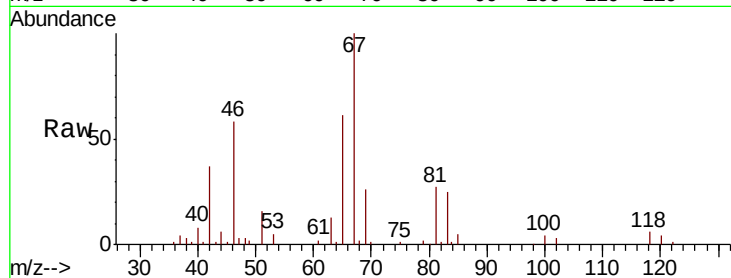




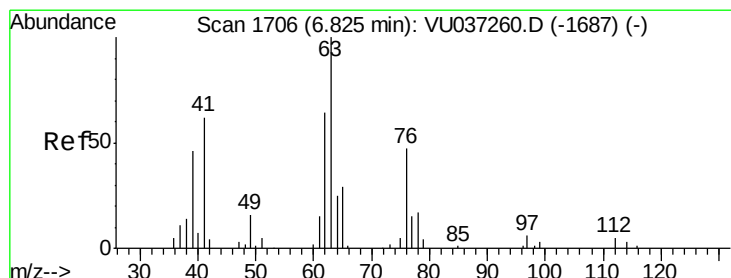
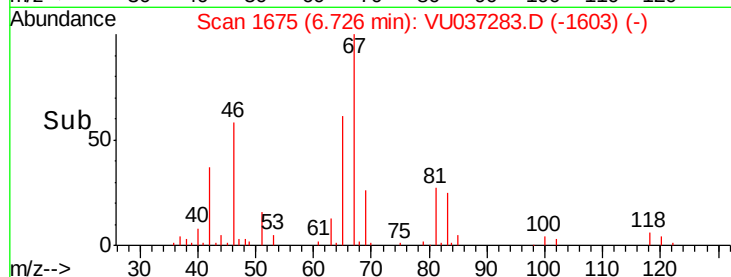
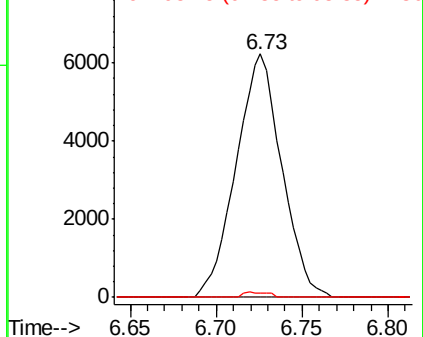
#35
Methylvlcyclohexane
Concen: 0.751 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037283.D
Acq: 14 Mar 2020 23:35

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 83 Resp: 11467
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 1.2 37.0 55.4#

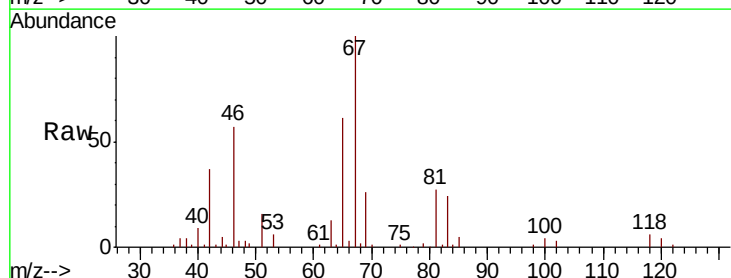


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

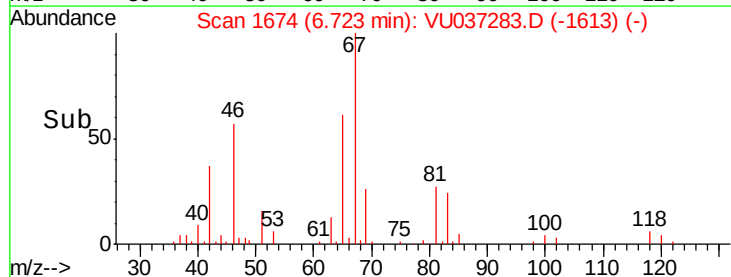
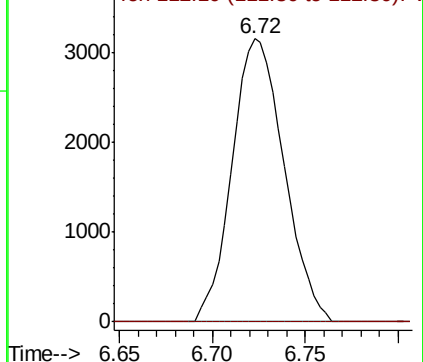


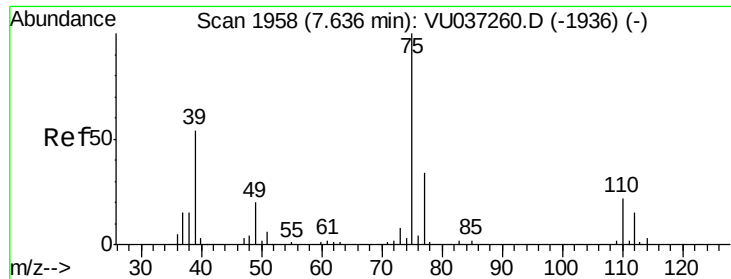
#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037283.D
Acq: 14 Mar 2020 23:35

Tgt Ion: 63 Resp: 6140
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



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: 0.105 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037283.D

Acq: 14 Mar 2020 23:35

Instrument :

MSVOA_U

ClientSampled :

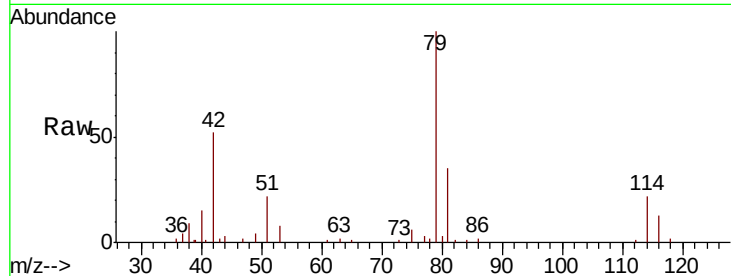
VHBLK01

Tot Ion: 75 Resp: 1457

Ion Ratio Lower Upper

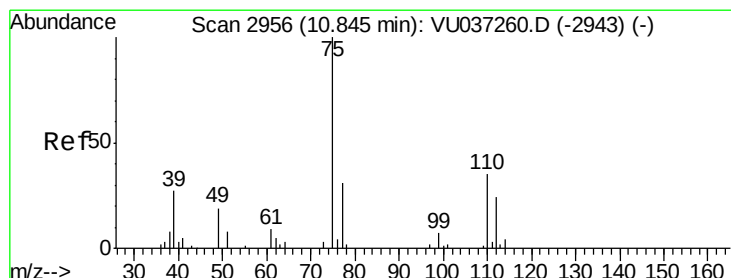
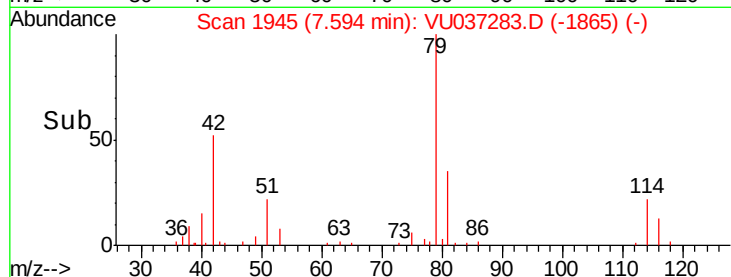
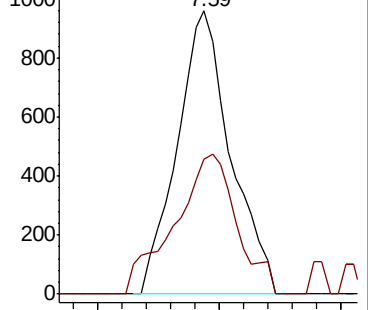
75 100

77 47.4 21.1 39.1#



Abundance Ion 75.05 (74.75 to 75.75): VU037260.D (-1936) (-)

Ion 77.05 (76.75 to 77.75): VU037260.D (-1936) (-)



#59

1,2,3-Trichloropropane

Concen: 0.980 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037283.D

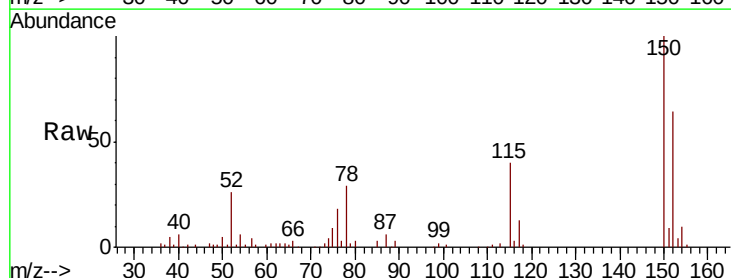
Acq: 14 Mar 2020 23:35

Tgt Ion: 75 Resp: 6748

Ion Ratio Lower Upper

75 100

77 38.1 27.4 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU037260.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU037260.D (-2943) (-)

