

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037105.D
 Acq On : 06 Mar 2020 13:37
 Operator : JC/MD
 Sample : L1784-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 07 00:02:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	232614	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	224144	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	76400	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89515	45.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.64%
7) Chloroethane-d5	1.93	69	84202	52.09	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.18%
11) 1,1-Dichloroethene-d2	2.59	63	119185	36.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.86%
21) 2-Butanone-d5	4.67	46	131330	100.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.23%
24) Chloroform-d	5.11	84	147852	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
26) 1,2-Dichloroethane-d4	5.74	65	101276	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
32) Benzene-d6	5.76	84	319787	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
36) 1,2-Dichloropropane-d6	6.72	67	105713	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.68%
41) Toluene-d8	7.92	98	281044	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%
43) trans-1,3-Dichloropropene-	8.20	79	43077	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.28%
47) 2-Hexanone-d5	8.66	63	88839	86.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	142542	48.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.28%
64) 1,2-Dichlorobenzene-d4	12.21	152	79888	53.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.98%

Target Compounds

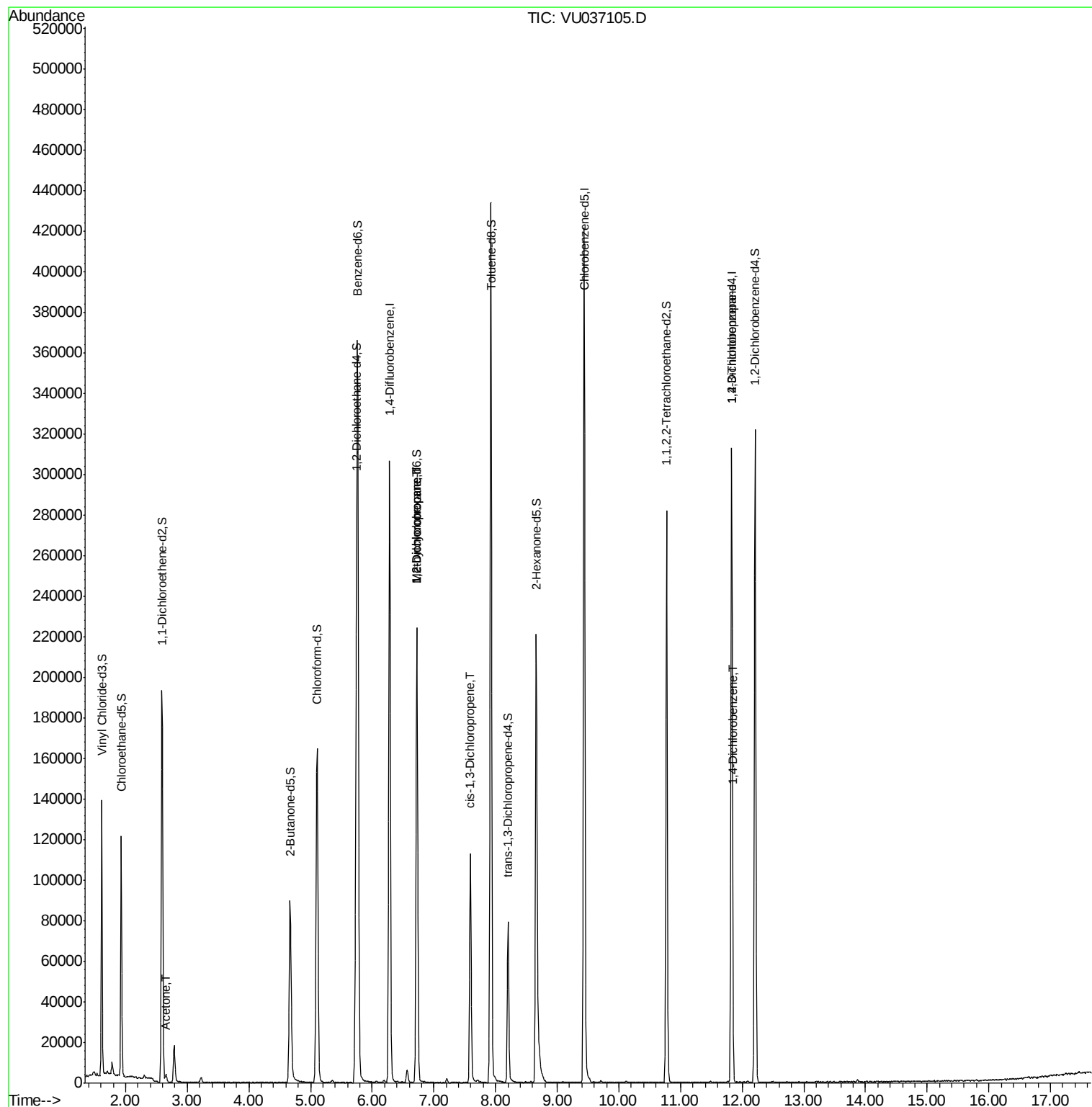
					Ovalue
13) Acetone	2.65	43	4185	3.105 ug/L	97
35) Methylcyclohexane	6.72	83	22964	7.610 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11675	6.123 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2930	0.998 ug/L #	54
59) 1,2,3-Trichloropropane	11.83	75	12716	5.184 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	2167	0.885 ug/L	86

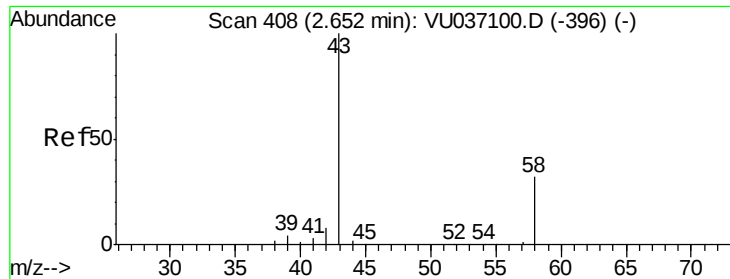
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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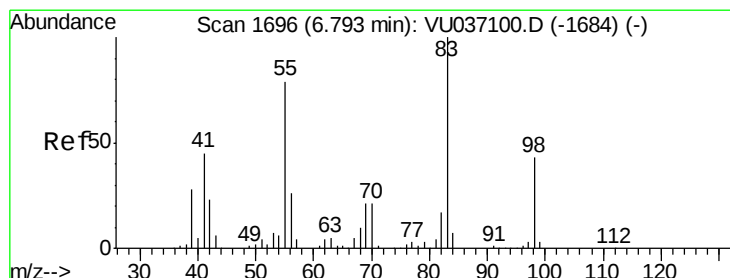
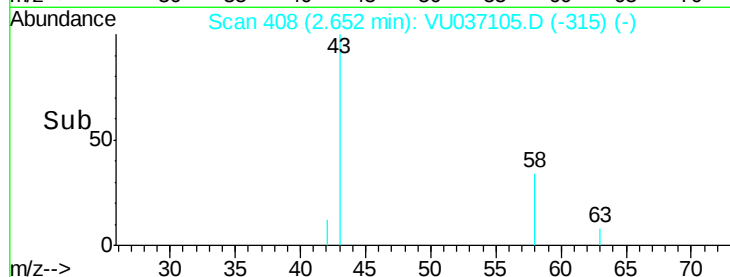
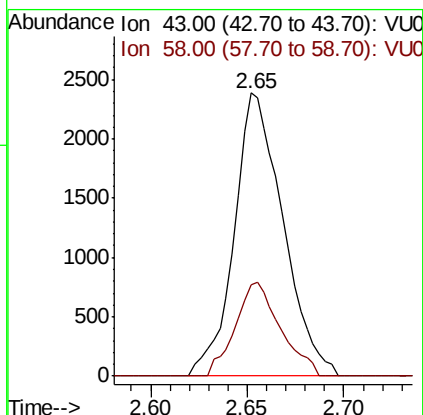
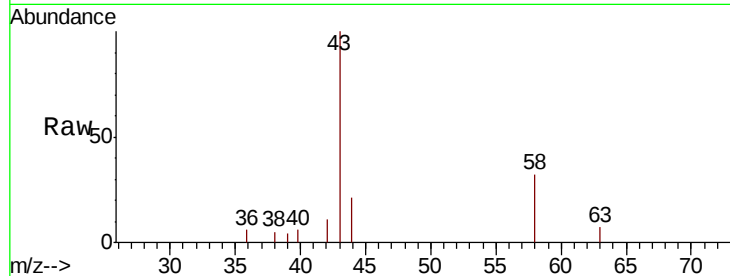




#13
Acetone
Concen: 3.105 ug/L
RT: 2.65 min Scan# 408
Delta R.T. 0.00 min
Lab File: VU037105.D
Acq: 06 Mar 2020 13:37

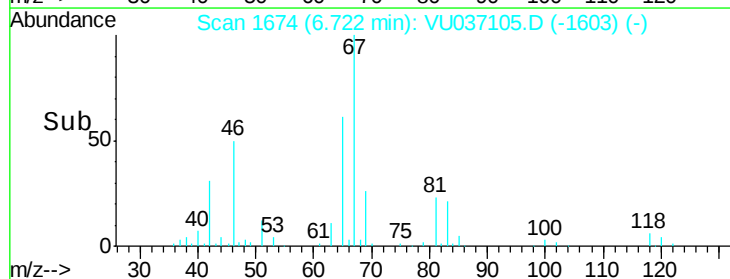
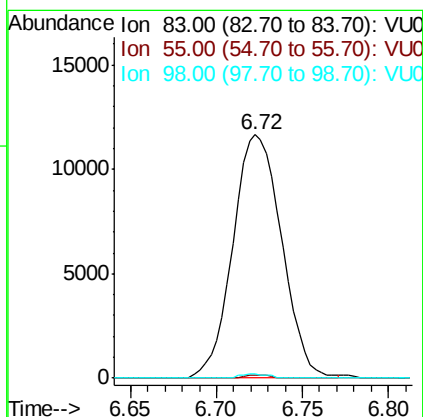
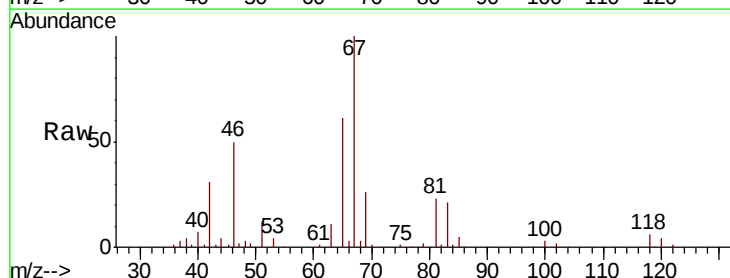
Instrument :
MSVOA_U
ClientSampleId :

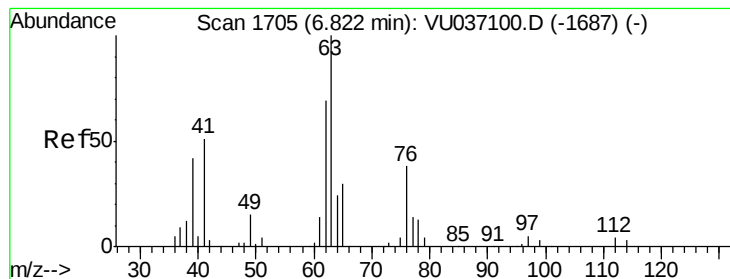
Tot Ion: 43 Resp: 4185
Ion Ratio Lower Upper
43 100
58 30.8 0.0 64.6



#35
Methylcyclohexane
Concen: 7.610 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037105.D
Acq: 06 Mar 2020 13:37

Tgt Ion: 83 Resp: 22964
Ion Ratio Lower Upper
83 100
55 0.6 62.6 93.8#
98 0.9 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 6.123 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037105.D

Acq: 06 Mar 2020 13:37

Instrument :

MSVOA_U

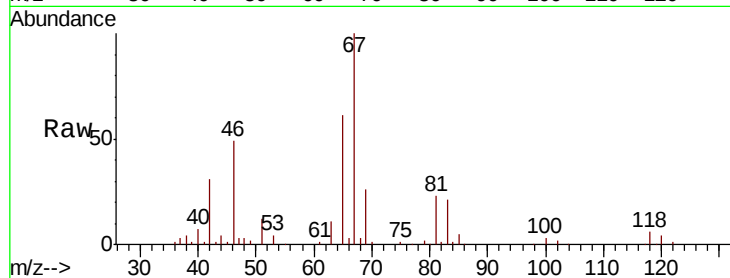
ClientSampleId :

Tot Ion: 63 Resp: 11675

Ion Ratio Lower Upper

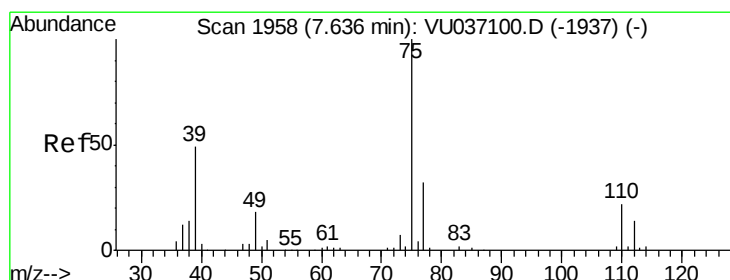
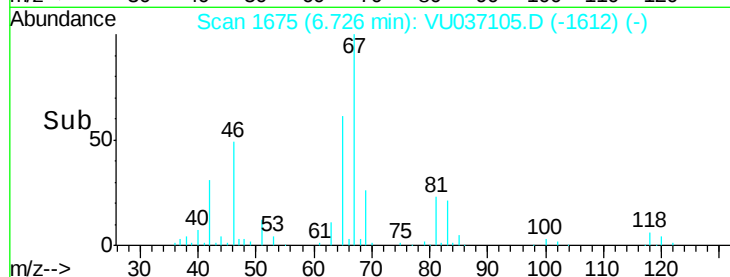
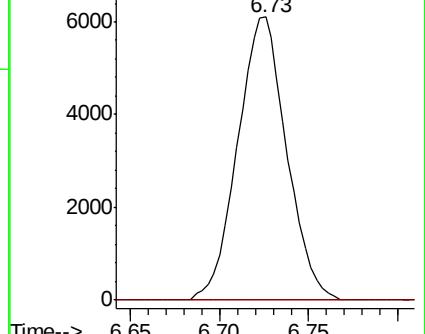
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU037105.D (-1675) (-)

Ion 112.00 (111.70 to 112.70): VU037105.D (-1675) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.998 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037105.D

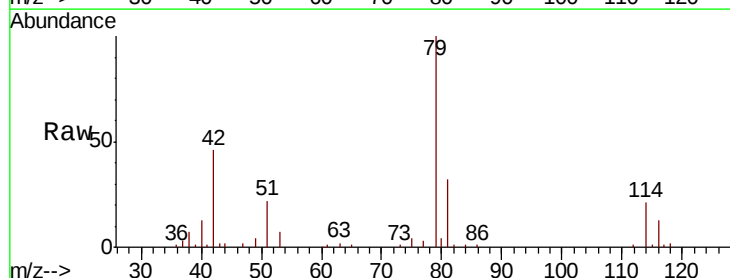
Acq: 06 Mar 2020 13:37

Tgt Ion: 75 Resp: 2930

Ion Ratio Lower Upper

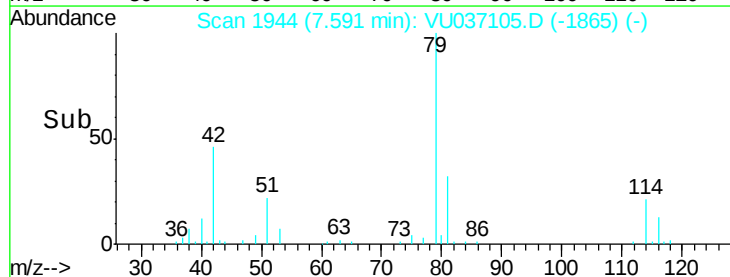
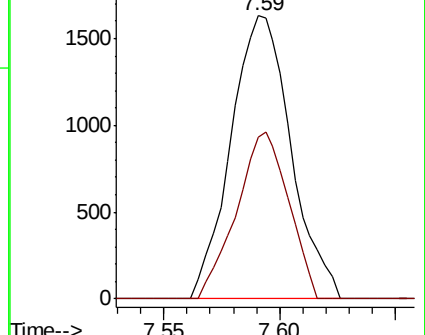
75 100

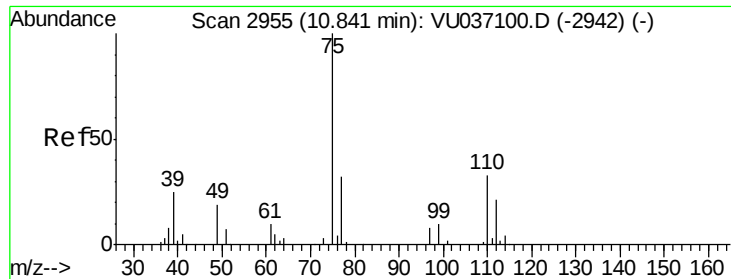
77 57.2 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU037105.D (-1865) (-)

Ion 77.00 (76.70 to 77.70): VU037105.D (-1865) (-)

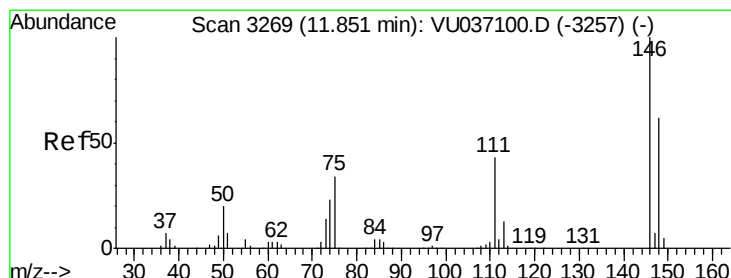
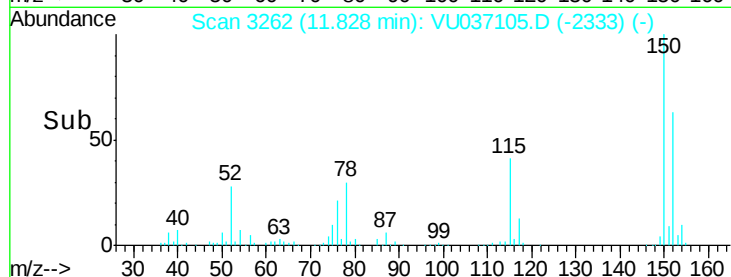
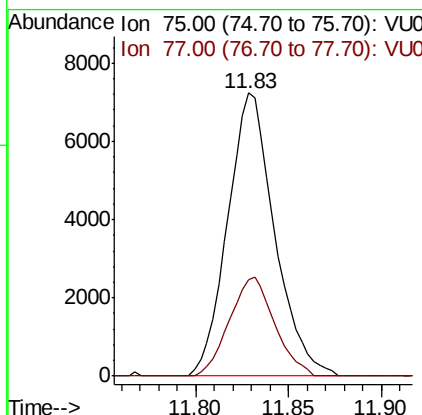
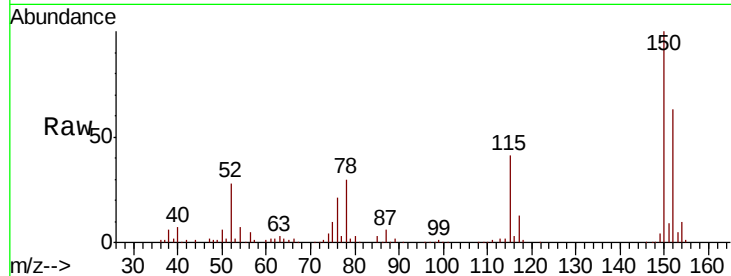




#59
 1,2,3-Trichloropropane
 Concen: 5.184 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037105.D
 Acq: 06 Mar 2020 13:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 12716
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.2 39.2



#63
 1,4-Dichlorobenzene
 Concen: 0.885 ug/L
 RT: 11.85 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU037105.D
 Acq: 06 Mar 2020 13:37

Tgt Ion: 146 Resp: 2167
 Ion Ratio Lower Upper
 146 100
 111 52.4 29.8 55.4
 148 75.0 45.1 83.9

