

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037298.D
 Acq On : 16 Mar 2020 17:26
 Operator : JC/MD
 Sample : L1891-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 17 01:36:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 17 01:33:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	133723	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	132893	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	54497	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32749	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.93	69	31601	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.59	63	51442	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.67	46	104864	49.82	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.64%
24) Chloroform-d	5.11	84	79056	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.74	65	45958	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.76	84	140026	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.72	67	46760	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.92	98	128937	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.20	79	19423	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.66	63	85396	46.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	38514	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	47521	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

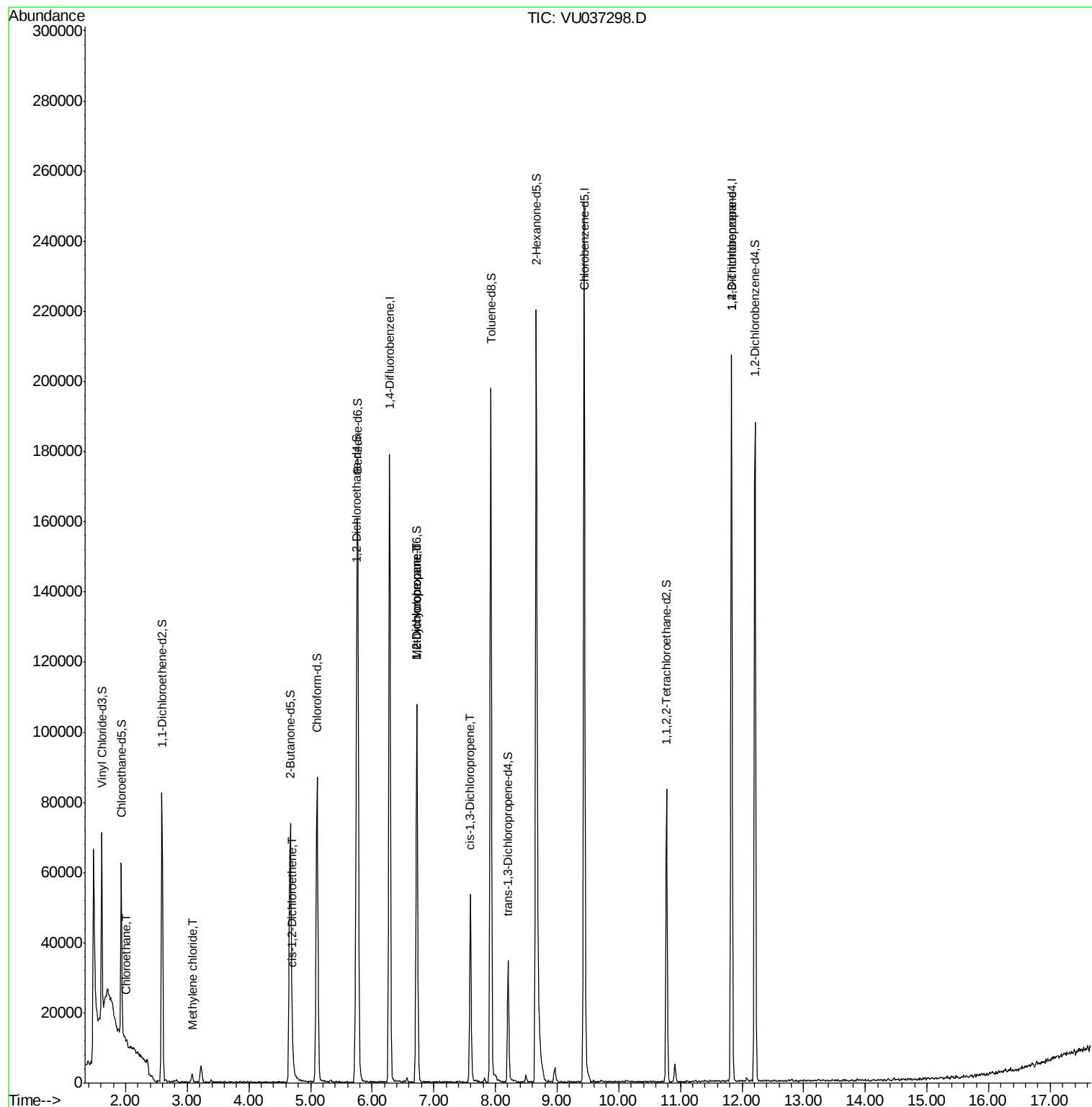
					Ovalue
8) Chloroethane	2.02	64	2007	0.256 ug/L #	52
16) Methylene chloride	3.08	84	955	0.093 ug/L	89
22) cis-1,2-Dichloroethene	4.71	96	1810	0.177 ug/L	91
35) Methylcyclohexane	6.72	83	11054	0.670 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	5878	0.557 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1774	0.112 ug/L	84
59) 1,2,3-Trichloropropane	11.83	75	7178	0.958 ug/L	91

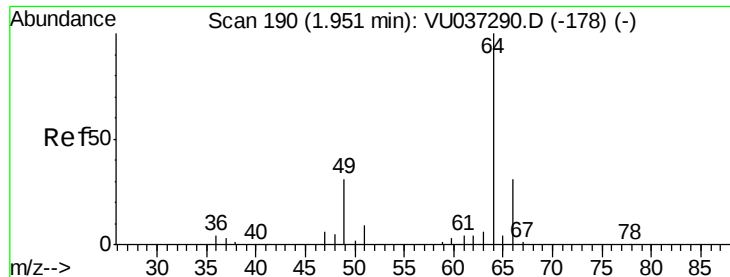
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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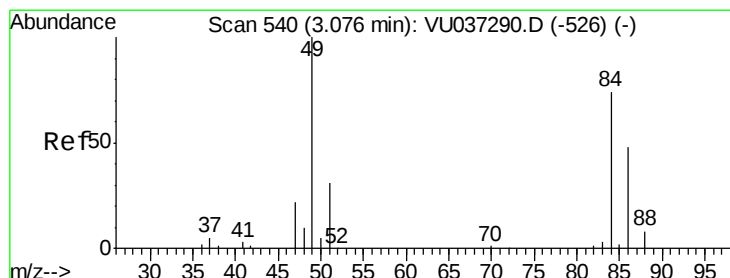
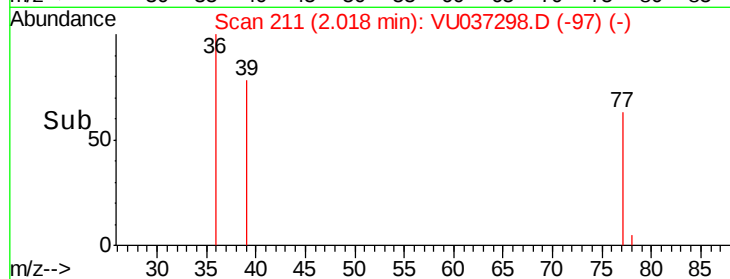
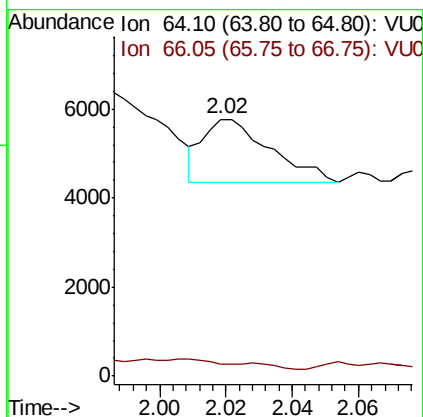
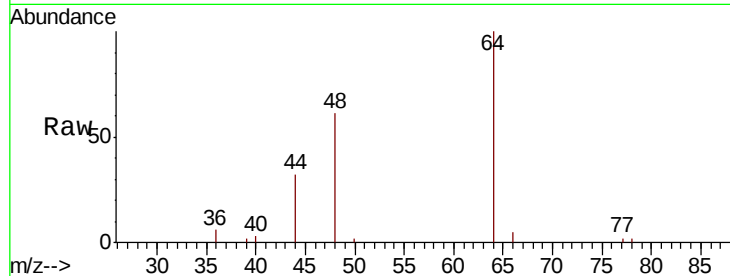




#8
Chloroethane
Concen: 0.256 ug/L
RT: 2.02 min Scan# 211
Delta R.T. 0.07 min
Lab File: VU037298.D
Acq: 16 Mar 2020 17:26

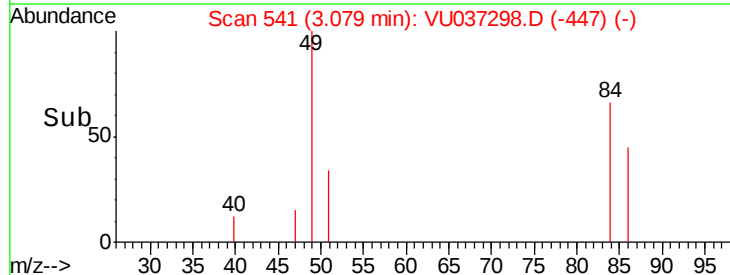
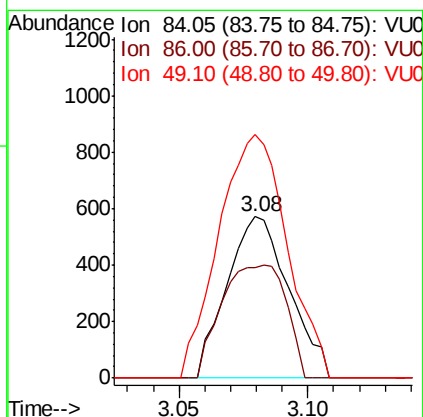
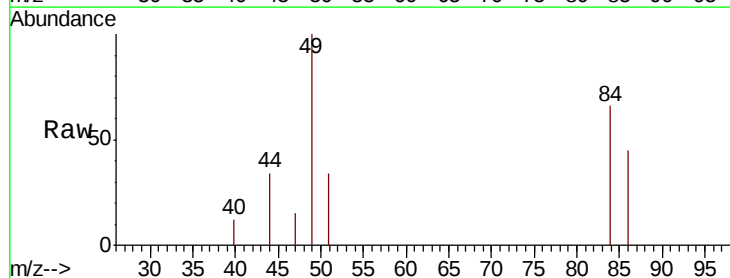
Instrument :
MSVOA_U
ClientSampleId :

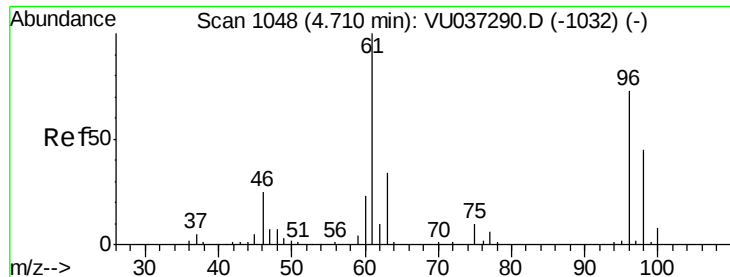
Tot Ion: 64 Resp: 2007
Ion Ratio Lower Upper
64 100
66 4.8 21.7 40.3#



#16
Methylene chloride
Concen: 0.093 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU037298.D
Acq: 16 Mar 2020 17:26

Tgt Ion: 84 Resp: 955
Ion Ratio Lower Upper
84 100
86 68.5 45.2 84.0
49 151.0 94.4 175.4





#22

cis-1,2-Dichloroethene

Concen: 0.177 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037298.D

Acq: 16 Mar 2020 17:26

Instrument :

MSVOA_U

ClientSampleId :

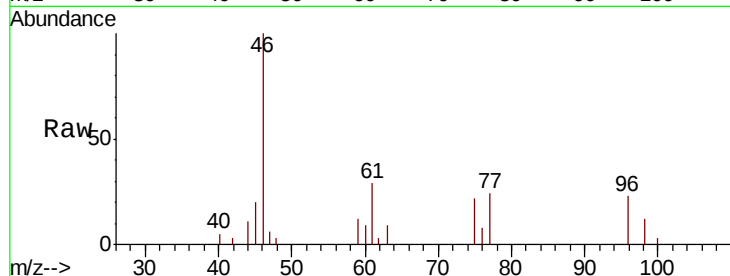
Tot Ion: 96 Resp: 1810

Ion Ratio Lower Upper

96 100

61 125.7 95.8 178.0

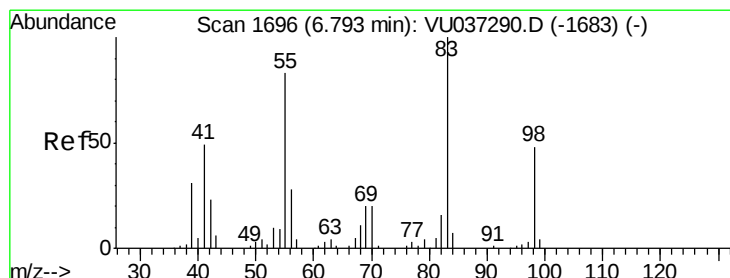
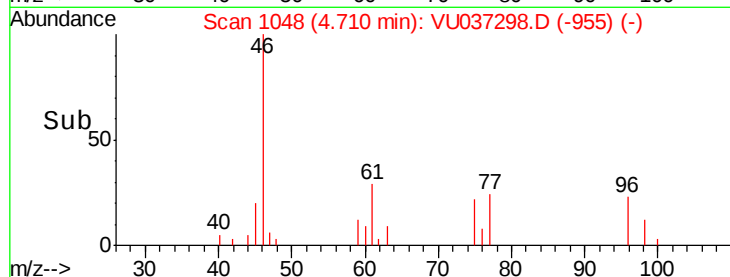
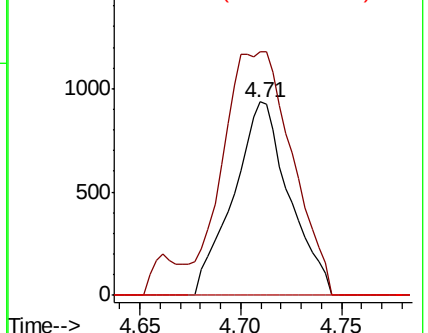
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037298.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU037298.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU037298.D (-1032) (-)



#35

Methylcyclohexane

Concen: 0.670 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037298.D

Acq: 16 Mar 2020 17:26

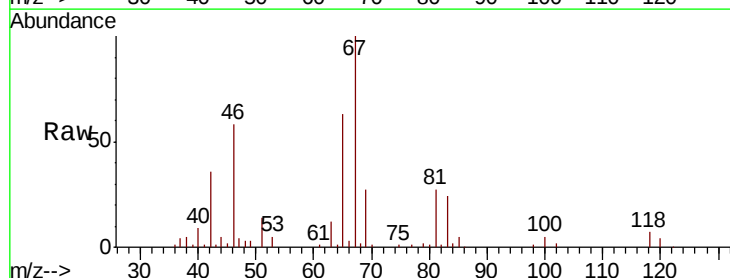
Tgt Ion: 83 Resp: 11054

Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.6#

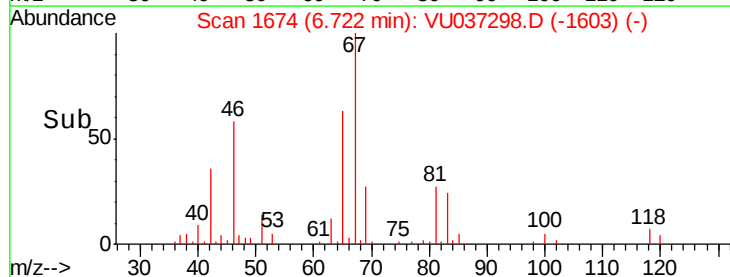
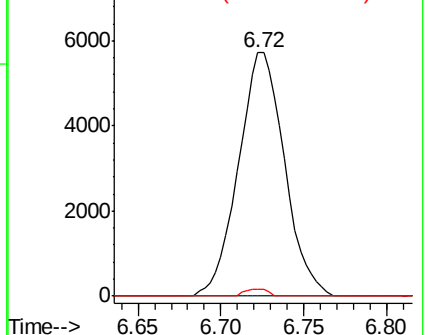
98 1.5 37.4 56.0#

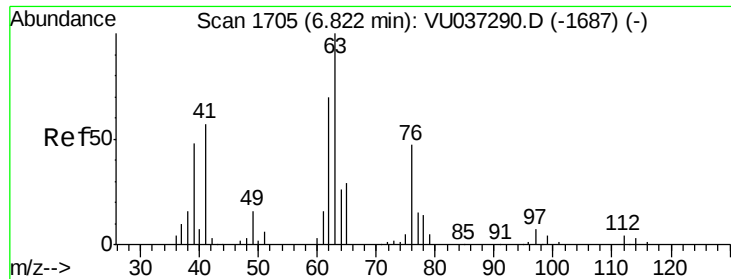


Abundance Ion 83.15 (82.85 to 83.85): VU037298.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU037298.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU037298.D (-1683) (-)

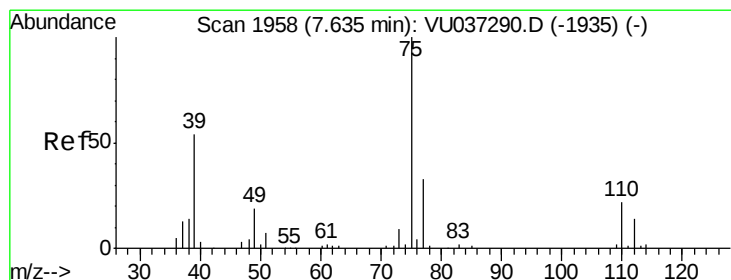
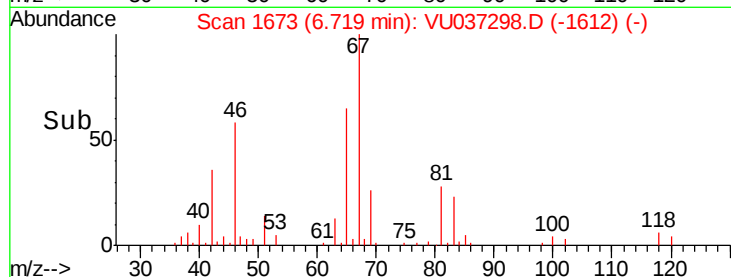
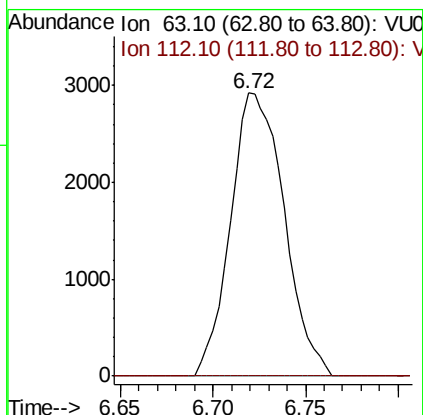
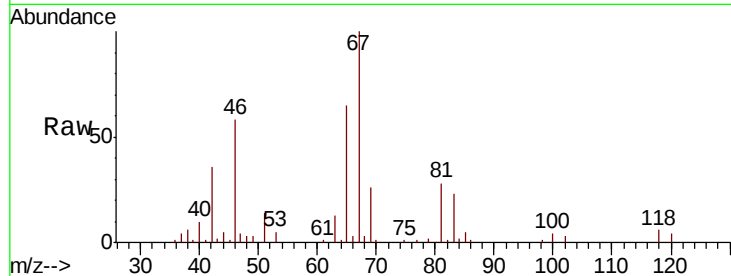




#37
 1,2-Dichloropropane
 Concen: 0.557 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU037298.D
 Acq: 16 Mar 2020 17:26

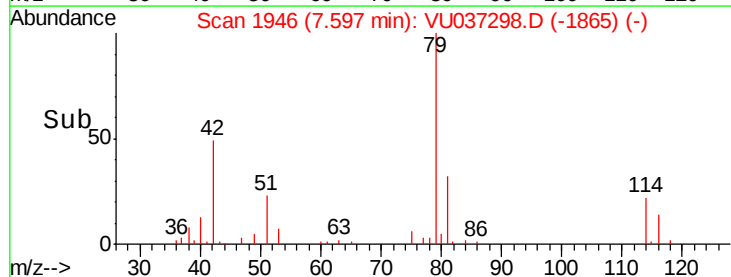
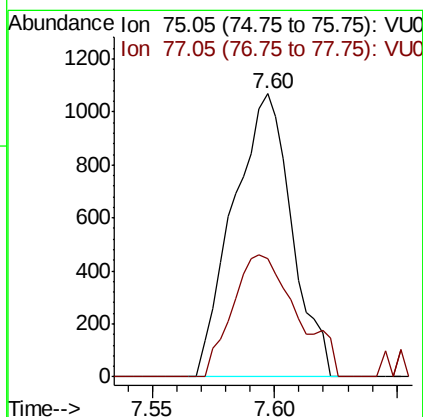
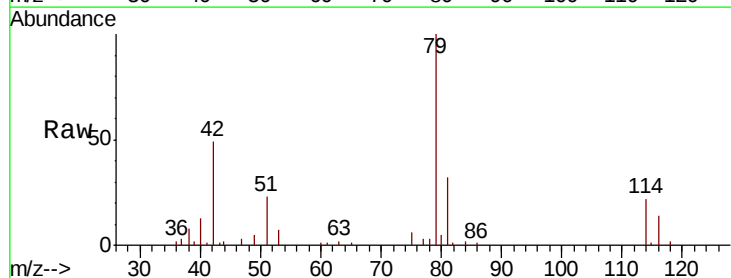
Instrument :
 MSVOA_U
 ClientSampleId :

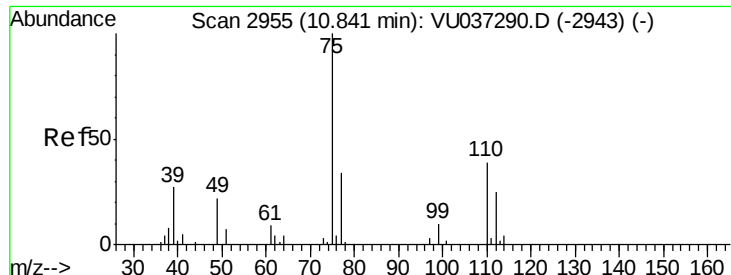
Tot Ion: 63 Resp: 5878
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU037298.D
 Acq: 16 Mar 2020 17:26

Tgt Ion: 75 Resp: 1774
 Ion Ratio Lower Upper
 75 100
 77 41.9 23.0 42.8





#59

1,2,3-Trichloropropane

Concen: 0.958 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037298.D

Acq: 16 Mar 2020 17:26

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7178

Ion Ratio Lower Upper

75 100

77 37.9 26.4 39.6

