

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040124.D
 Acq On : 14 Sep 2020 17:34
 Operator : SY/MD
 Sample : L3950-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 01:55:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 15 01:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110224	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49771	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32776	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	1.92	69	26409	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.58	63	54024	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.66	46	109461	45.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.94%
24) Chloroform-d	5.08	84	60096	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.72	65	40346	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.74	84	121133	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.70	67	39252	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.91	98	97563	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.19	79	15106	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.64	63	77363	41.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	34496	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	37532	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

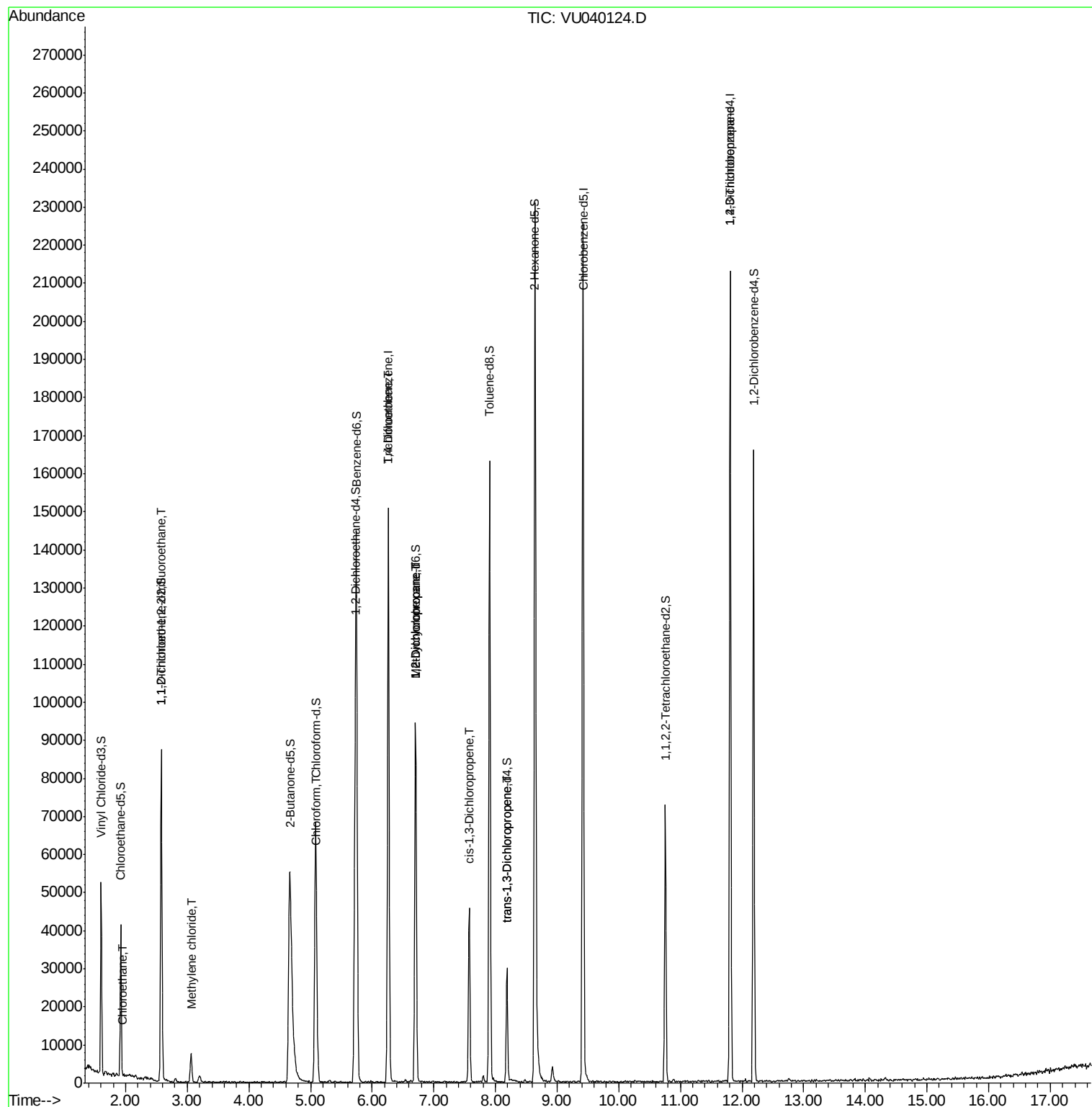
					Ovalue
8) Chloroethane	1.95	64	204	0.032 ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	443	0.045 ug/L #	22
16) Methylene chloride	3.06	84	3235	0.290 ug/L	82
25) Chloroform	5.11	83	6428	0.332 ug/L	100
34) Trichloroethene	6.27	95	1924	0.179 ug/L #	9
35) Methylcyclohexane	6.70	83	9127	0.553 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4810	0.442 ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1308	0.082 ug/L #	60
44) trans-1,3-Dichloropropene	8.19	75	710	0.048 ug/L #	14
59) 1,2,3-Trichloropropane	11.81	75	7677	0.953 ug/L	91

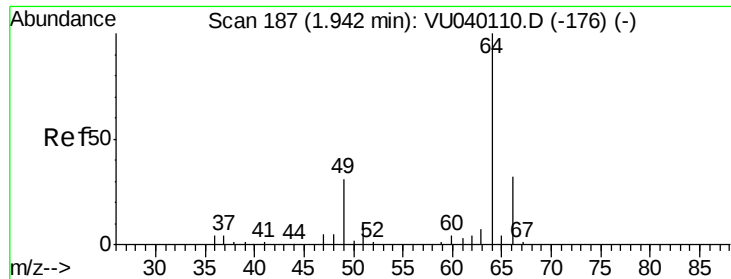
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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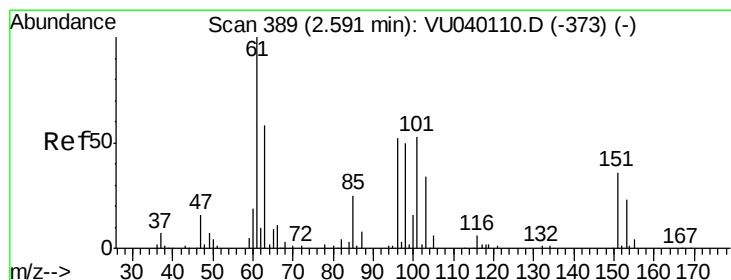
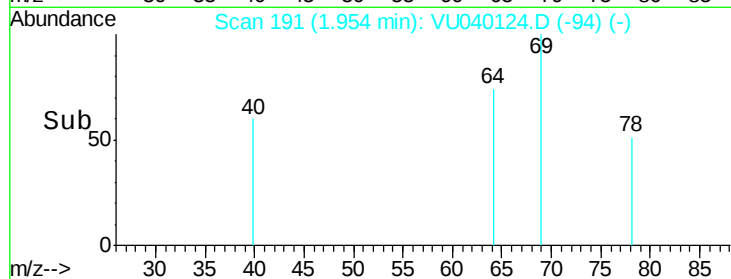
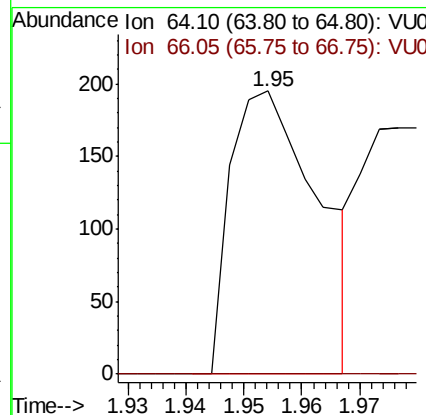
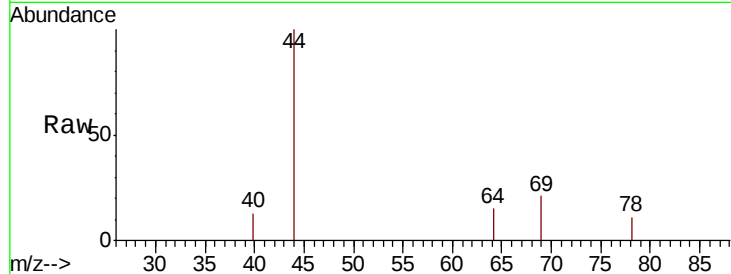




#8
 Chloroethane
 Concen: 0.032 ug/L
 RT: 1.95 min Scan# 191
 Delta R.T. 0.01 min
 Lab File: VU040124.D
 Acq: 14 Sep 2020 17:34

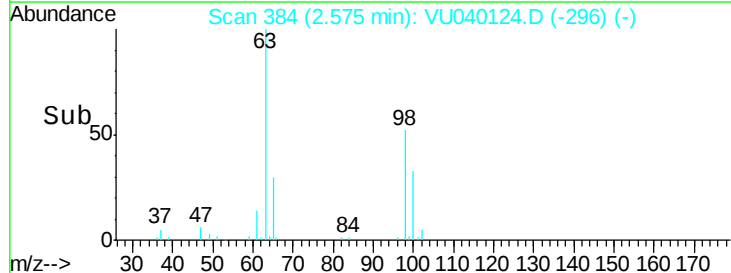
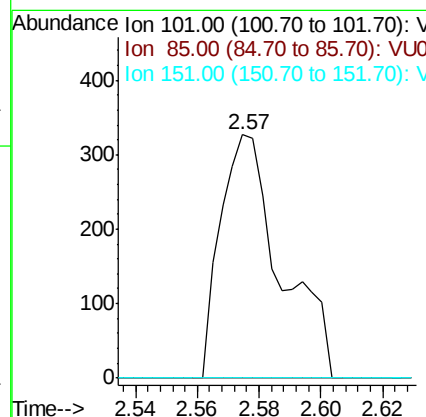
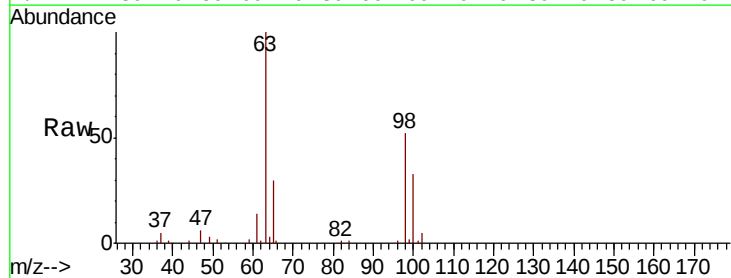
Instrument :
 MSVOA_U
 ClientSampled :

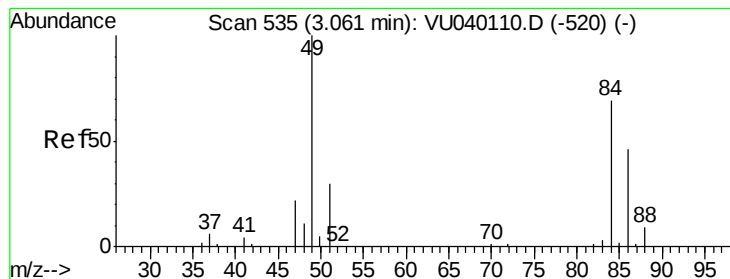
Tot Ion: 64 Resp: 204
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.7 42.1#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.045 ug/L
 RT: 2.57 min Scan# 384
 Delta R.T. -0.02 min
 Lab File: VU040124.D
 Acq: 14 Sep 2020 17:34

Tgt Ion:101 Resp: 443
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.7 56.5#
 151 0.0 53.9 80.9#





#16

Methylene chloride

Concen: 0.290 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040124.D

Acq: 14 Sep 2020 17:34

Instrument :

MSVOA_U

ClientSampled :

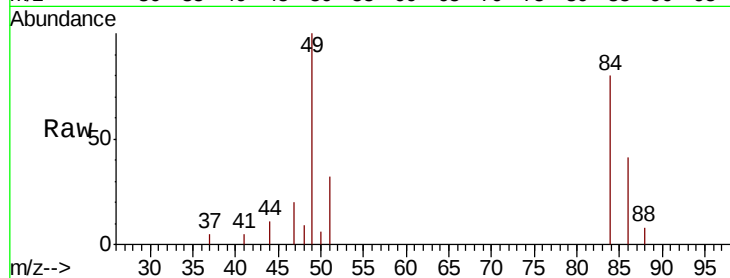
Tot Ion: 84 Resp: 3235

Ion Ratio Lower Upper

84 100

86 51.6 45.2 84.0

49 125.5 104.0 193.2

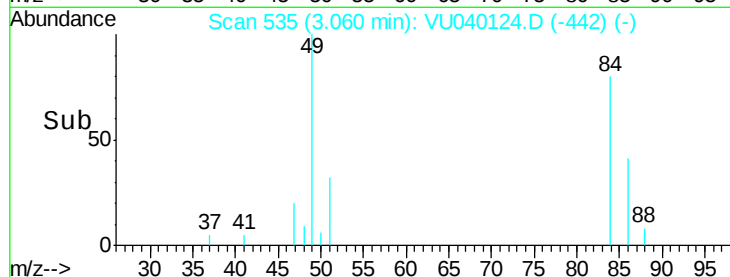


Abundance Ion 84.05 (83.75 to 84.75): VU040110.D (-520) (-)

Ion 86.00 (85.70 to 86.70): VU040110.D (-520) (-)

Ion 49.10 (48.80 to 49.80): VU040110.D (-520) (-)

Time-->

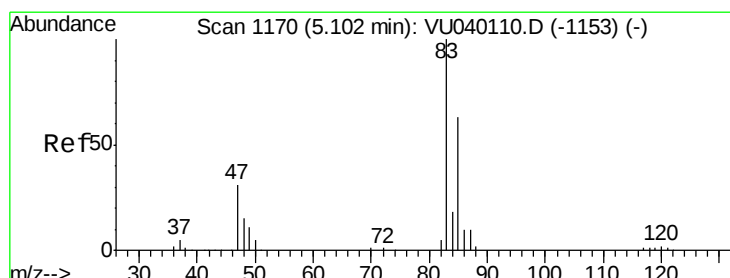


Abundance Ion 84.05 (83.75 to 84.75): VU040124.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU040124.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU040124.D (-442) (-)

Time-->



#25

Chloroform

Concen: 0.332 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040124.D

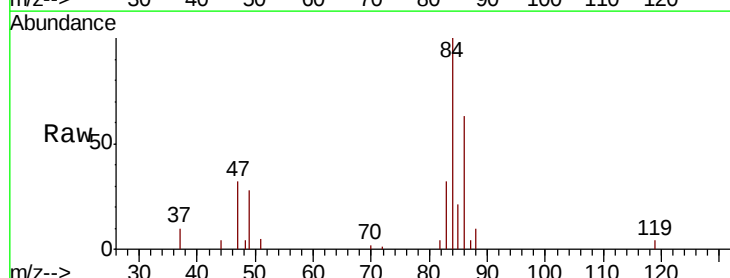
Acq: 14 Sep 2020 17:34

Tgt Ion: 83 Resp: 6428

Ion Ratio Lower Upper

83 100

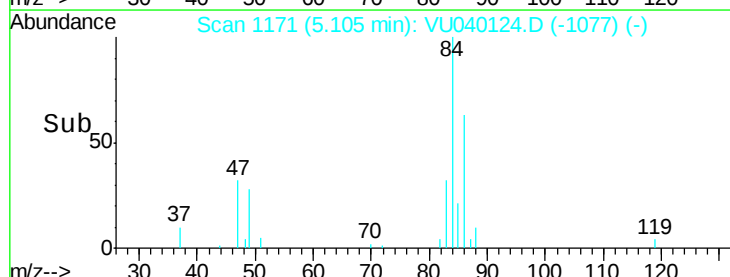
85 64.6 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU040110.D (-1153) (-)

Ion 85.00 (84.70 to 85.70): VU040110.D (-1153) (-)

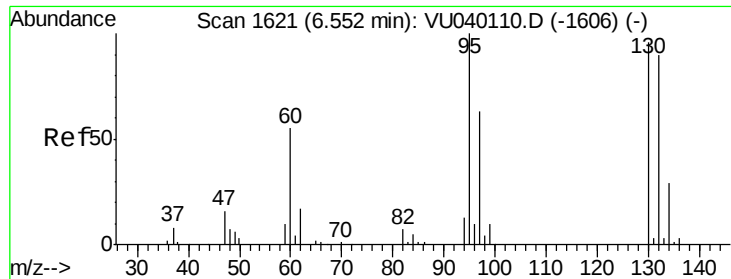
Time-->



Abundance Ion 83.05 (82.75 to 83.75): VU040124.D (-1077) (-)

Ion 85.00 (84.70 to 85.70): VU040124.D (-1077) (-)

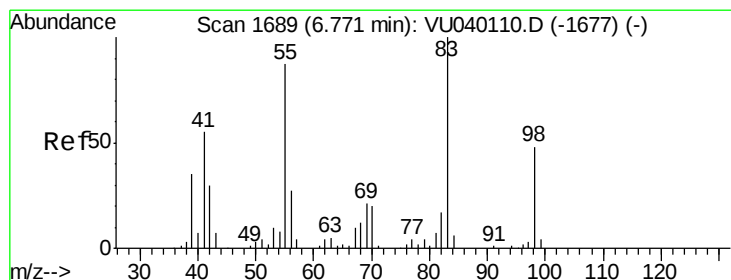
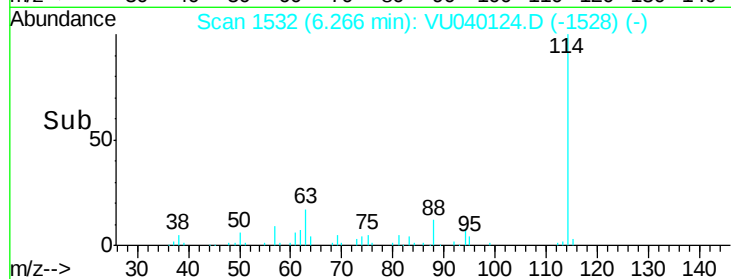
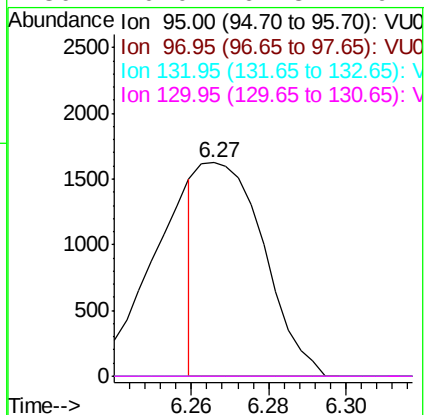
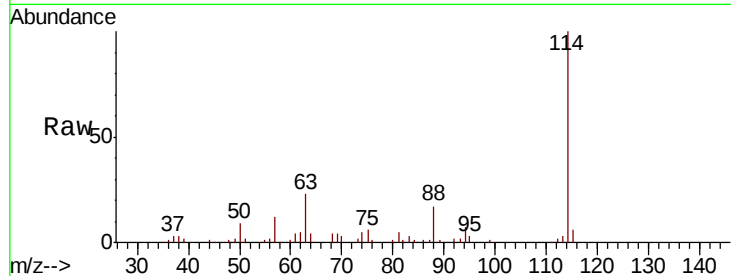
Time-->



#34
 Trichloroethene
 Concen: 0.179 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU040124.D
 Acq: 14 Sep 2020 17:34

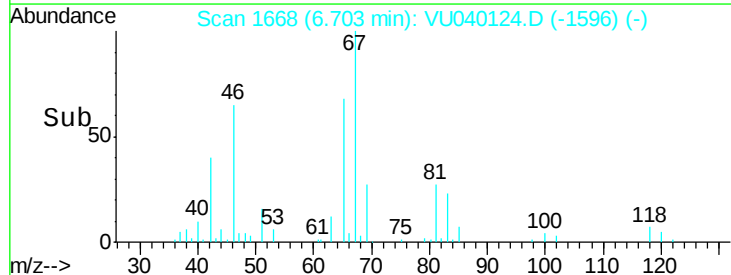
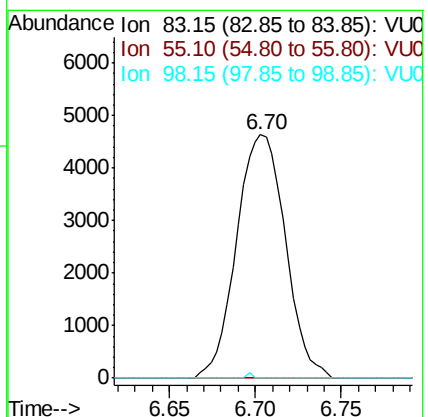
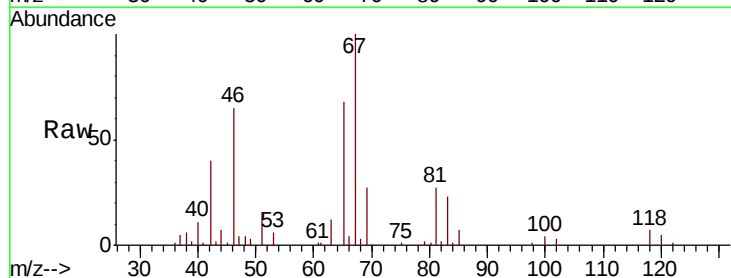
Instrument :
 MSVOA_U
 ClientSampleId :

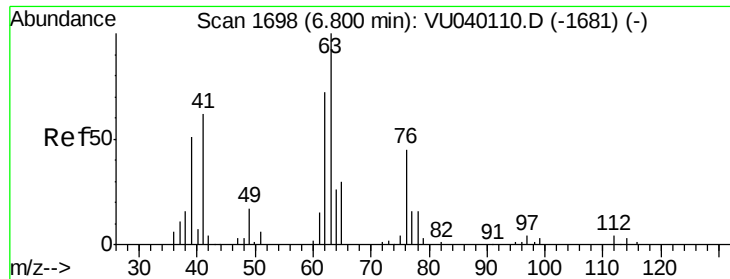
Tot Ion: 95 Resp: 1924
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.3 80.5#
 132 0.0 59.4 110.4#
 130 0.0 64.8 120.4#



#35
 Methylcyclohexane
 Concen: 0.553 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040124.D
 Acq: 14 Sep 2020 17:34

Tgt Ion: 83 Resp: 9127
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.5 105.7#
 98 0.2 37.8 56.6#

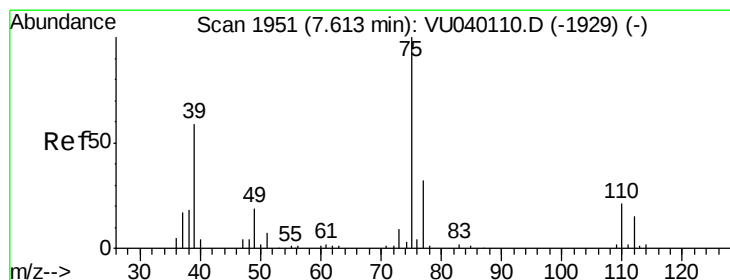
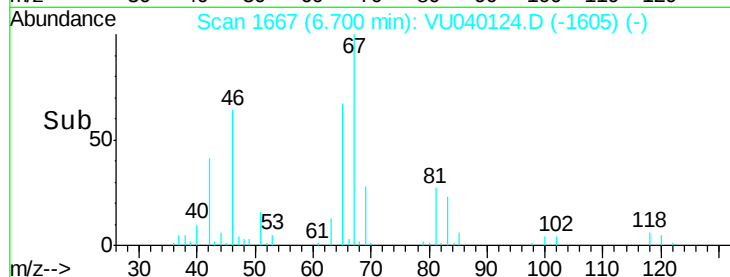
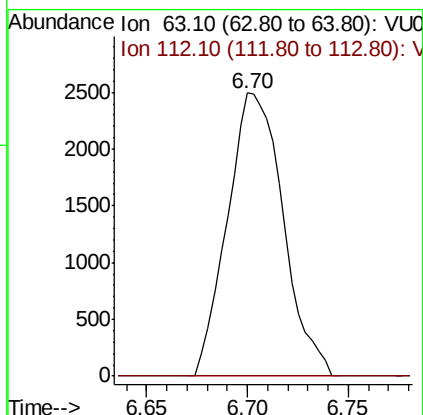
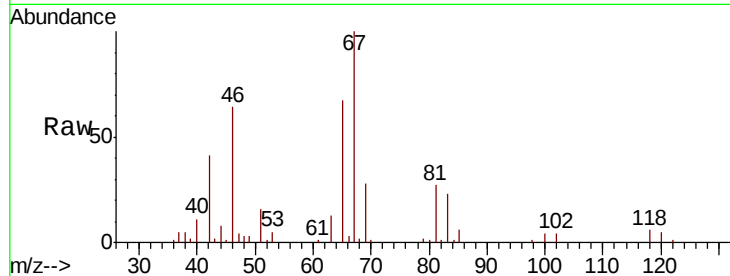




#37
 1,2-Dichloropropane
 Concen: 0.442 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040124.D
 Acq: 14 Sep 2020 17:34

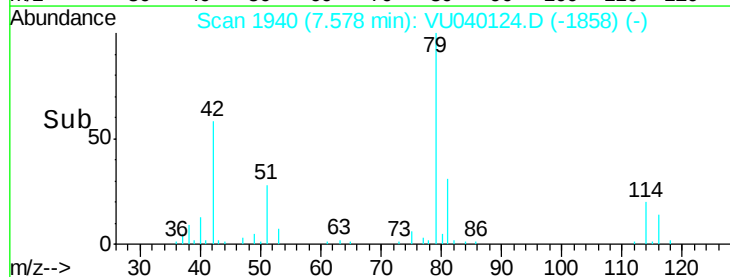
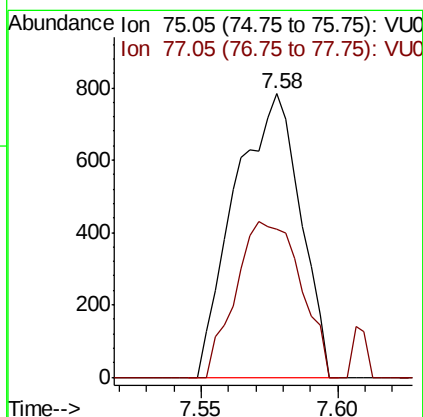
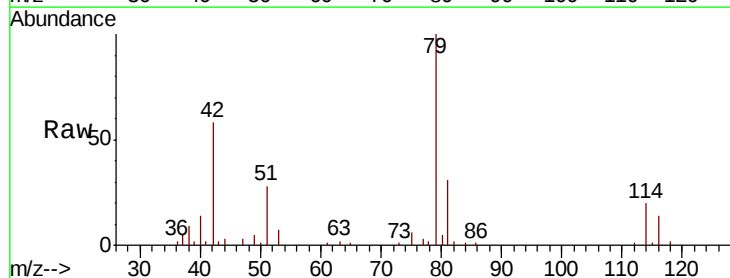
Instrument :
 MSVOA_U
 ClientSampleId :

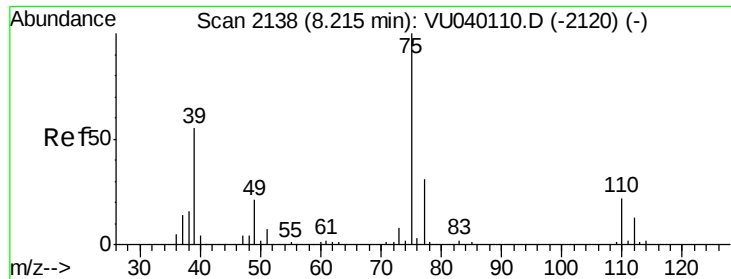
Tot Ion: 63 Resp: 4810
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040124.D
 Acq: 14 Sep 2020 17:34

Tgt Ion: 75 Resp: 1308
 Ion Ratio Lower Upper
 75 100
 77 52.1 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.048 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040124.D

Acq: 14 Sep 2020 17:34

Instrument :

MSVOA_U

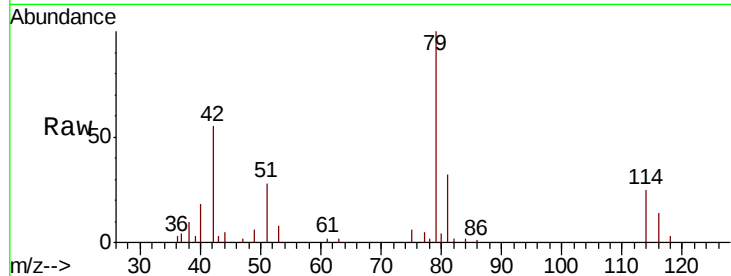
ClientSampleId :

Tot Ion: 75 Resp: 710

Ion Ratio Lower Upper

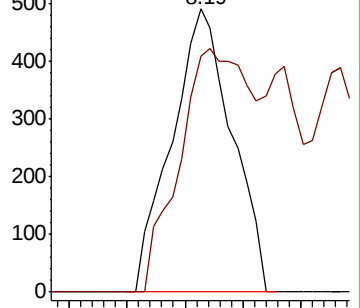
75 100

77 83.3 23.9 44.3#

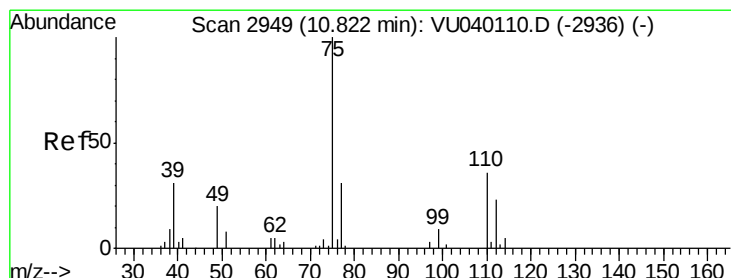
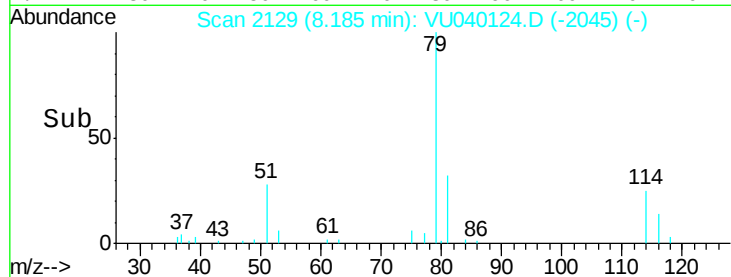


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



Time--> 8.14 8.16 8.18 8.20 8.22



#59

1,2,3-Trichloropropane

Concen: 0.953 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040124.D

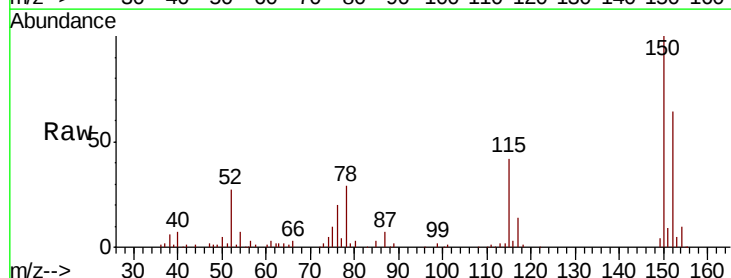
Acq: 14 Sep 2020 17:34

Tgt Ion: 75 Resp: 7677

Ion Ratio Lower Upper

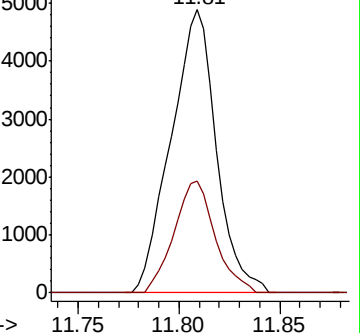
75 100

77 36.0 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time--> 11.75 11.80 11.85

