

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039783.D
 Acq On : 07 Aug 2020 13:40
 Operator : SY/MD
 Sample : L3572-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 03:33:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71492	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67954	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30240	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16411	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.92	69	18632	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.58	63	23812	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.65	46	90101	53.07	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.14%
24) Chloroform-d	5.09	84	44799	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.72	65	27986	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.74	84	76083	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	27201	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.91	98	56930	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	8.19	79	9566	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.64	63	61861	53.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25374	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	26732	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

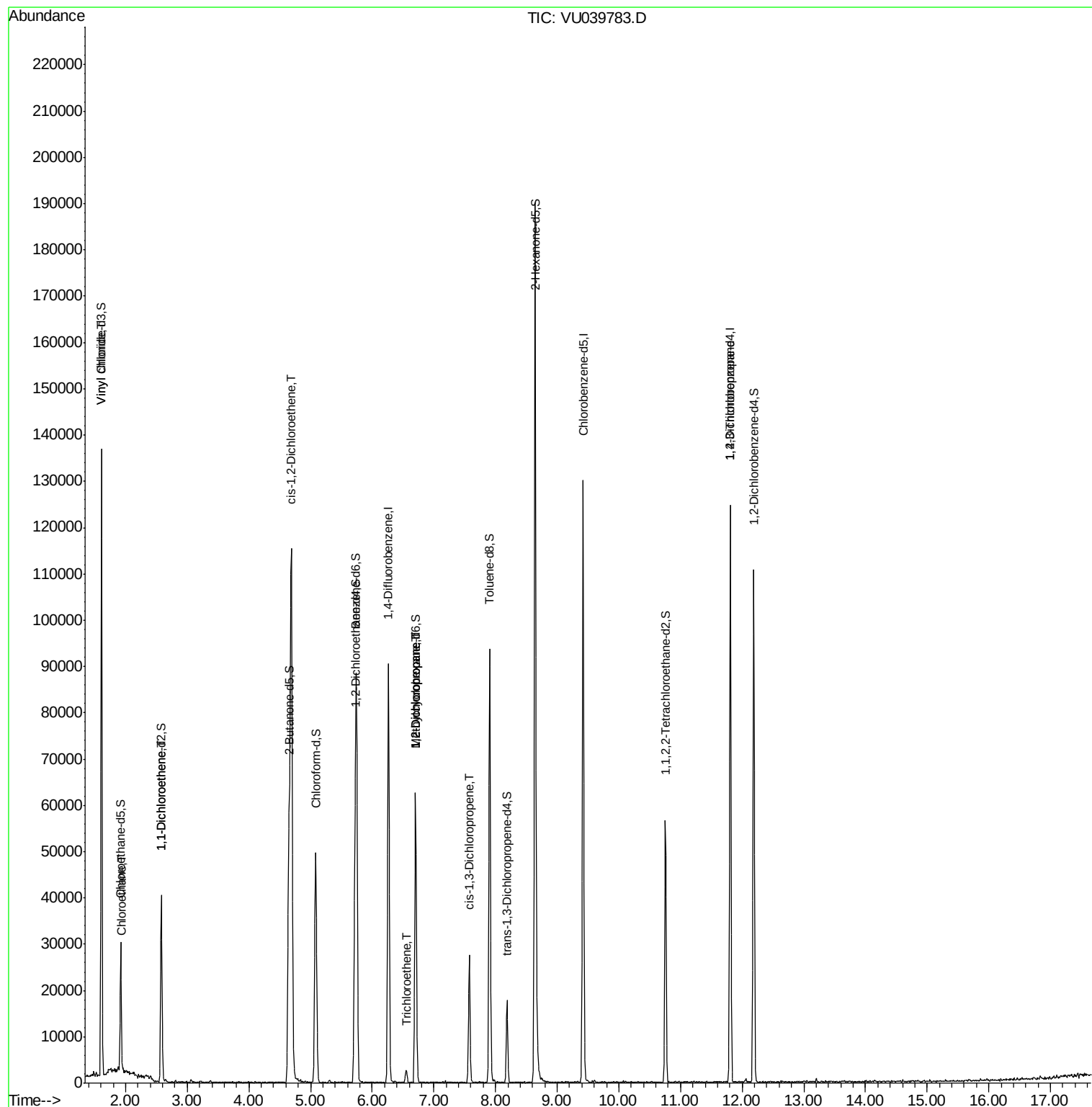
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	70323	12.098	ug/L	98
8) Chloroethane	1.94	64	369	0.087	ug/L #	43
12) 1,1-Dichloroethene	2.58	96	309	0.072	ug/L #	1
22) cis-1,2-Dichloroethene	4.69	96	54294	10.514	ug/L	99
34) Trichloroethene	6.56	95	979	0.204	ug/L	84
35) Methylcyclohexane	6.70	83	6135	0.799	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3263	0.664	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	774	0.115	ug/L #	38
59) 1,2,3-Trichloropropane	11.81	75	4153	1.171	ug/L #	83

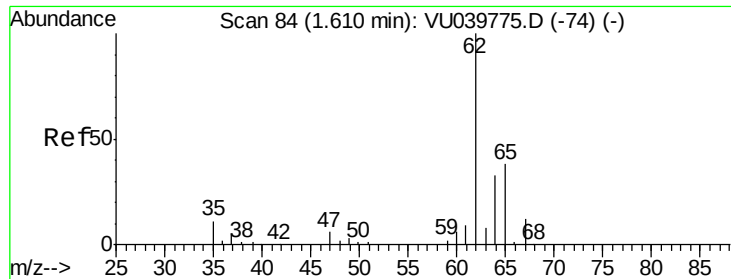
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 12.098 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039783.D

Acq: 07 Aug 2020 13:40

Instrument :

MSVOA_U

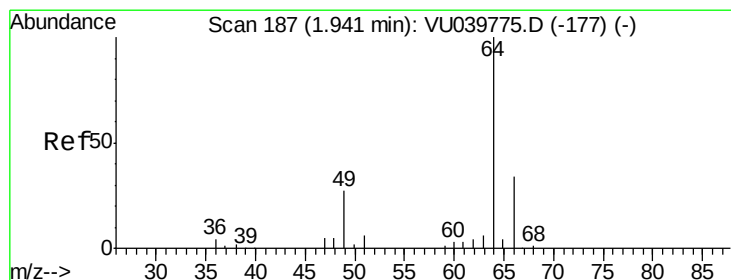
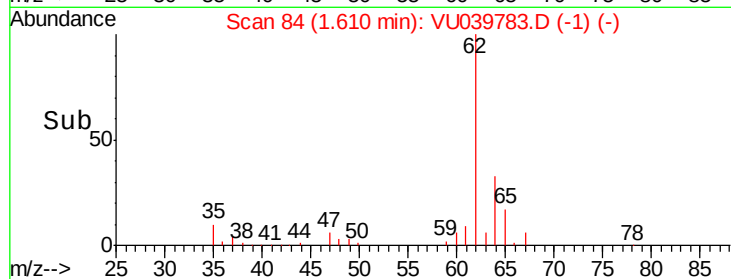
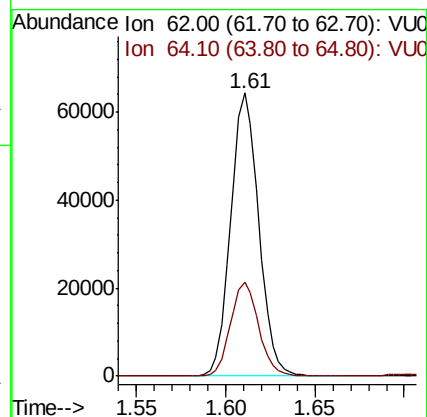
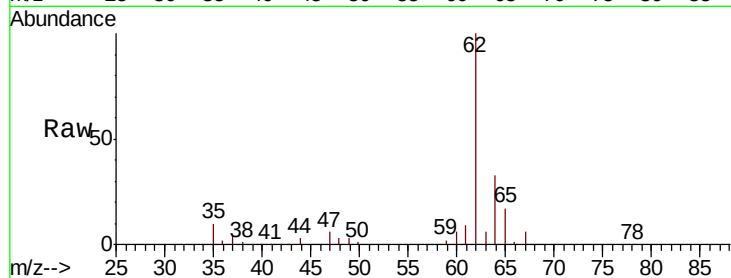
ClientSampleId :

Tot Ion: 62 Resp: 70323

Ion Ratio Lower Upper

62 100

64 33.2 24.1 44.7



#8

Chloroethane

Concen: 0.087 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.00 min

Lab File: VU039783.D

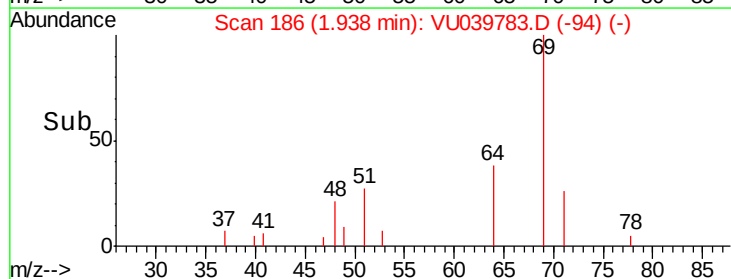
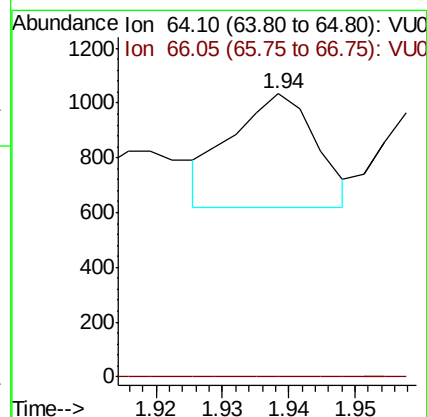
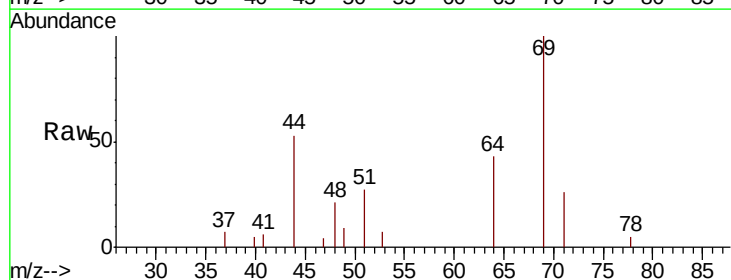
Acq: 07 Aug 2020 13:40

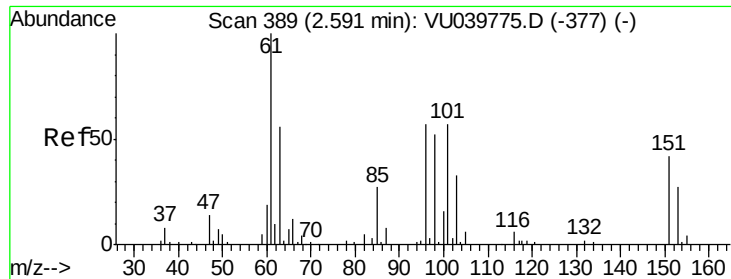
Tgt Ion: 64 Resp: 369

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.3#

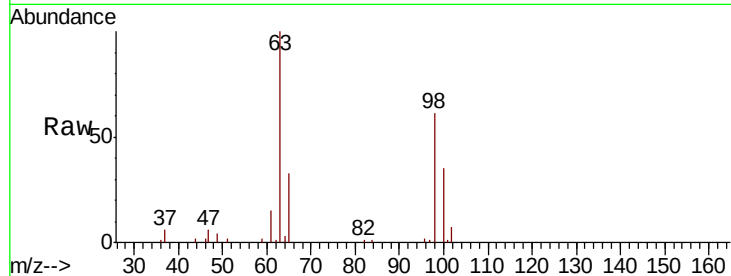




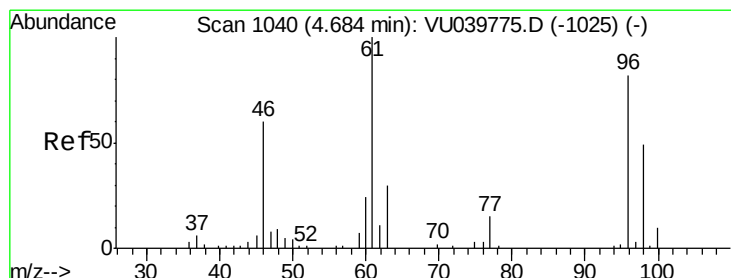
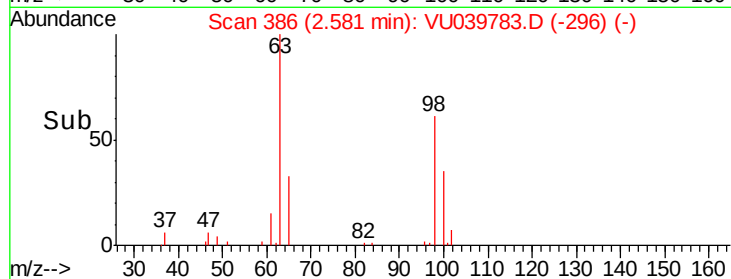
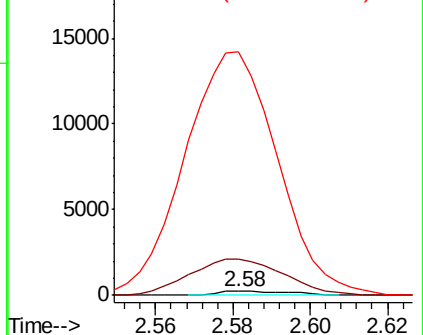
#12
 1,1-Dichloroethene
 Concen: 0.072 ug/L
 RT: 2.58 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU039783.D
 Acq: 07 Aug 2020 13:40

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 309
 Ion Ratio Lower Upper
 96 100
 61 952.0 121.7 225.9#
 63 6371.3 82.1 152.5#

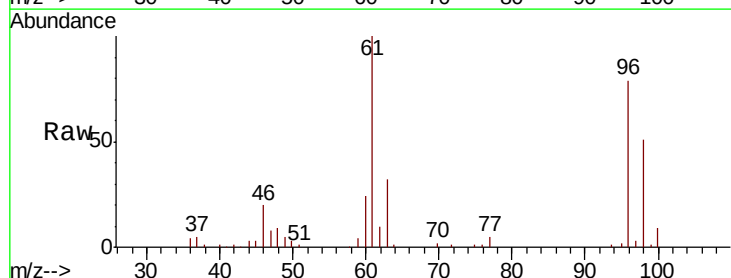


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

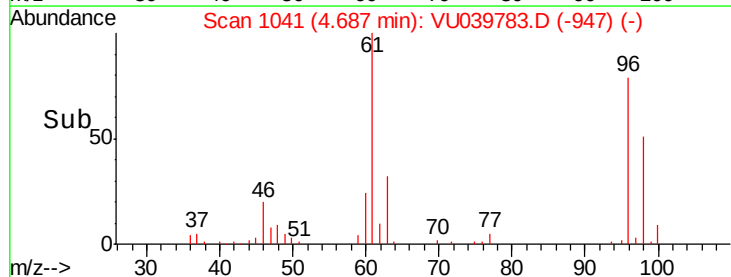
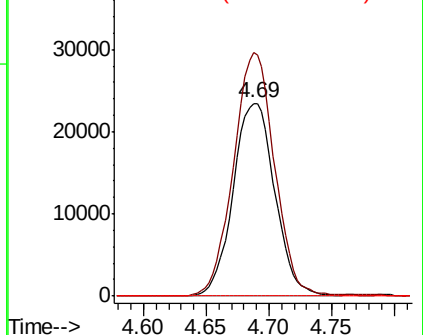


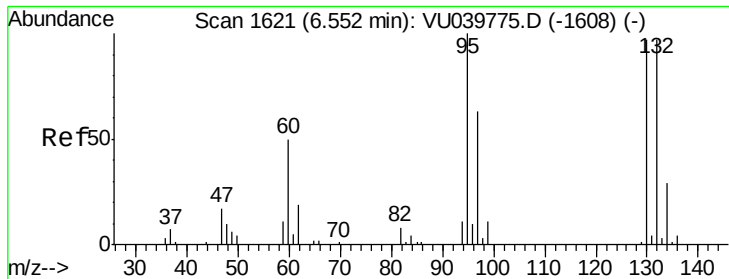
#22
 cis-1,2-Dichloroethene
 Concen: 10.514 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU039783.D
 Acq: 07 Aug 2020 13:40

Tgt Ion: 96 Resp: 54294
 Ion Ratio Lower Upper
 96 100
 61 126.2 87.4 162.2
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

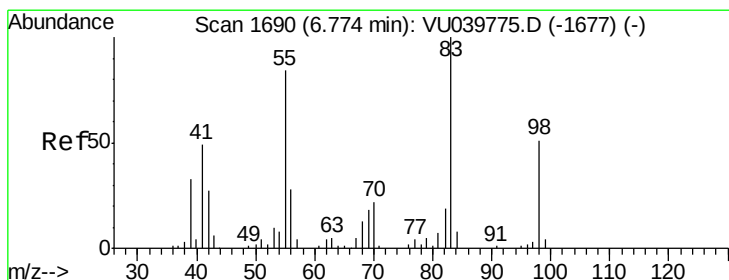
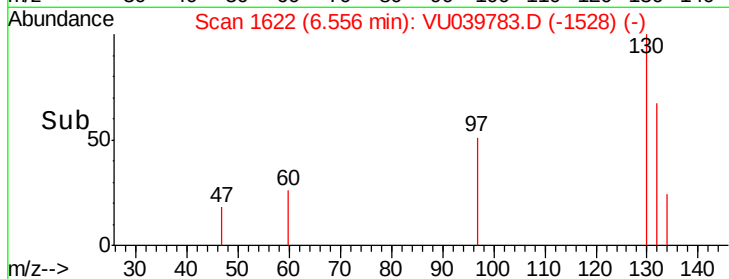
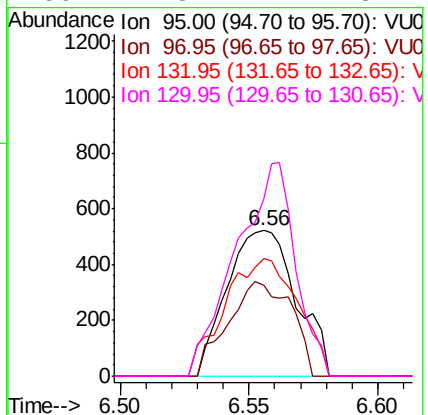
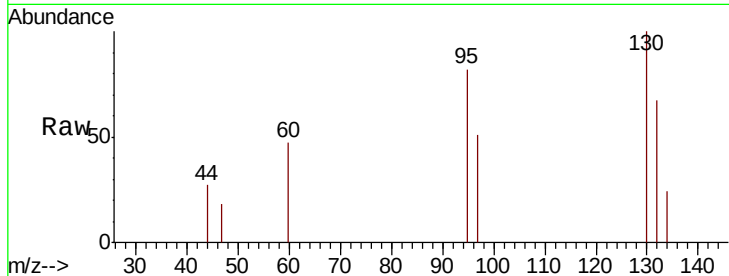




#34
 Trichloroethene
 Concen: 0.204 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU039783.D
 Acq: 07 Aug 2020 13:40

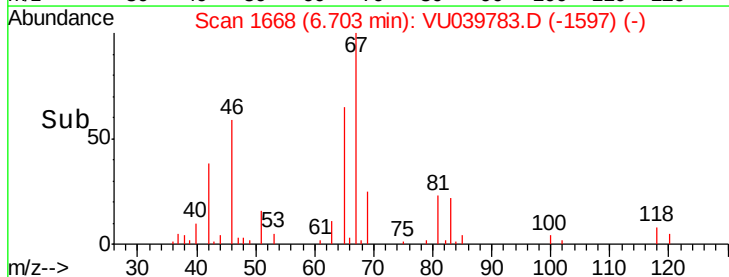
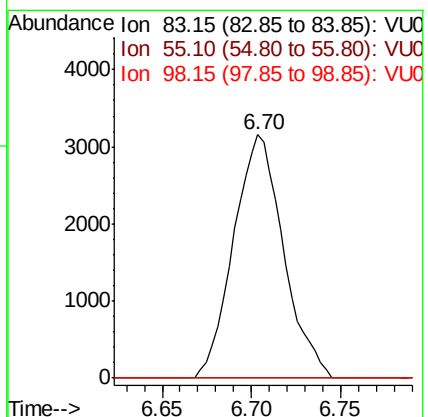
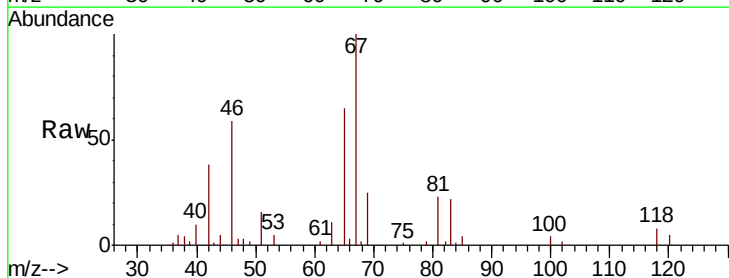
Instrument :
 MSVOA_U
 ClientSampled :

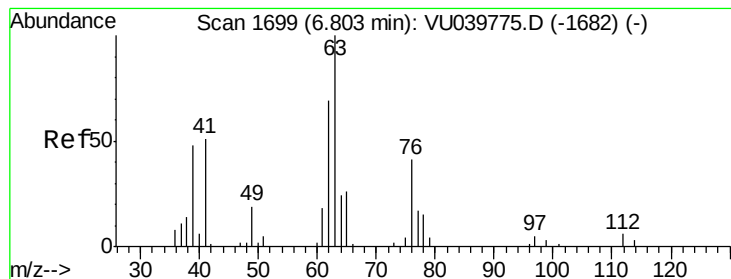
Tot Ion: 95 Resp: 979
 Ion Ratio Lower Upper
 95 100
 97 62.1 44.0 81.8
 132 81.2 71.7 133.3
 130 121.8 71.1 132.1



#35
 Methylcyclohexane
 Concen: 0.799 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU039783.D
 Acq: 07 Aug 2020 13:40

Tgt Ion: 83 Resp: 6135
 Ion Ratio Lower Upper
 83 100
 55 0.0 59.4 89.0#
 98 0.9 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.664 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.10 min

Lab File: VU039783.D

Acq: 07 Aug 2020 13:40

Instrument :

MSVOA_U

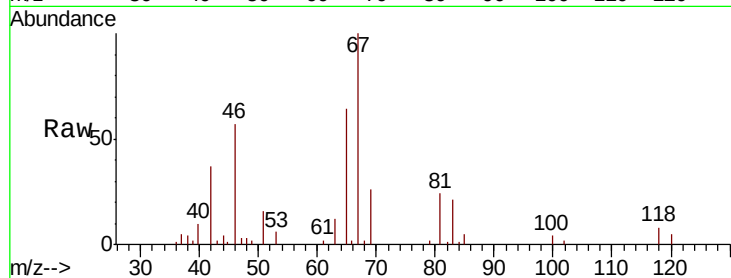
ClientSampleId :

Tot Ion: 63 Resp: 3263

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU039775.D (-1682) (-)

Ion 112.10 (111.80 to 112.80): VU039775.D (-1682) (-)

6.70

1500

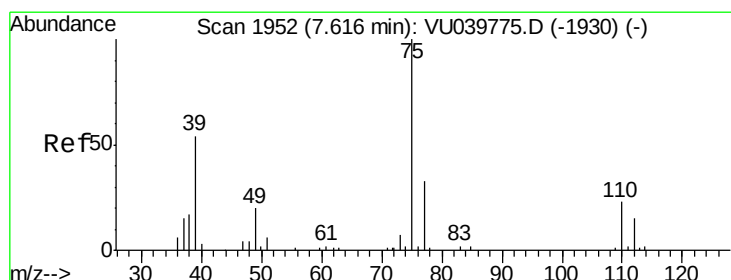
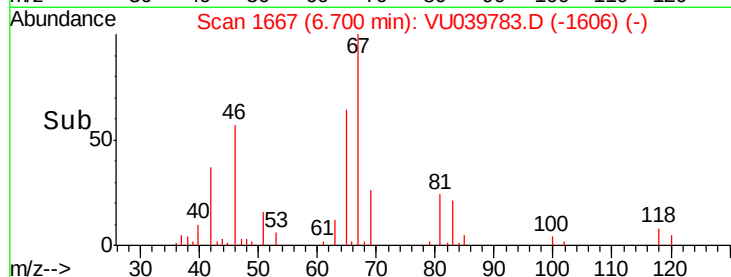
1000

500

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU039783.D

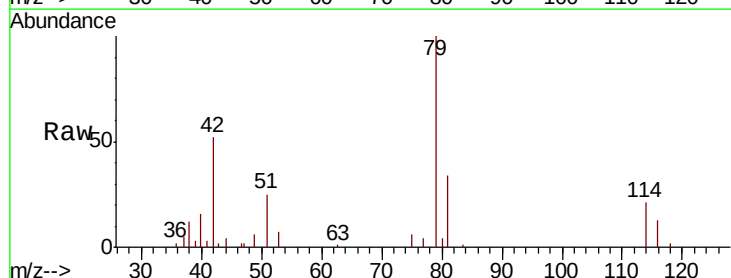
Acq: 07 Aug 2020 13:40

Tgt Ion: 75 Resp: 774

Ion Ratio Lower Upper

75 100

77 66.6 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU039775.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU039775.D (-1930) (-)

7.57

500

400

300

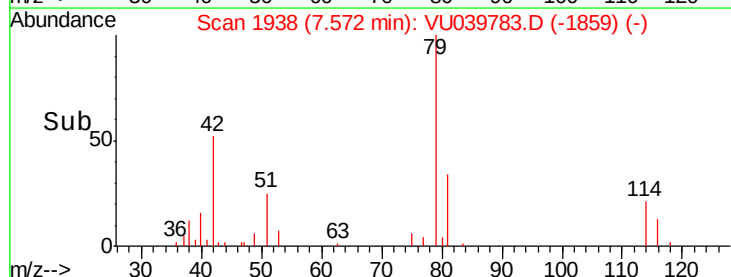
200

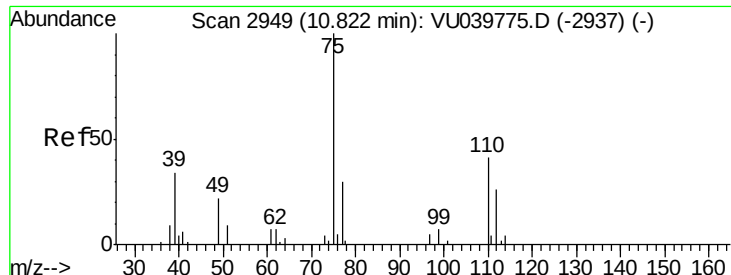
100

0

7.54 7.56 7.58 7.60

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.171 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039783.D

Acq: 07 Aug 2020 13:40

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 4153

Ion Ratio Lower Upper

75 100

77 40.3 24.6 37.0#

