

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039788.D
 Acq On : 07 Aug 2020 15:42
 Operator : SY/MD
 Sample : L3572-02DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 03:33:58 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	71956	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69375	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32493	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16097	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.92	69	17749	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.58	63	21336	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.65	46	82664	48.37	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.74%
24) Chloroform-d	5.09	84	43298	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.72	65	25416	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.74	84	71805	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.70	67	25324	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.91	98	52423	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	8.19	79	8191	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.64	63	57527	49.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.10%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24896	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	24848	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

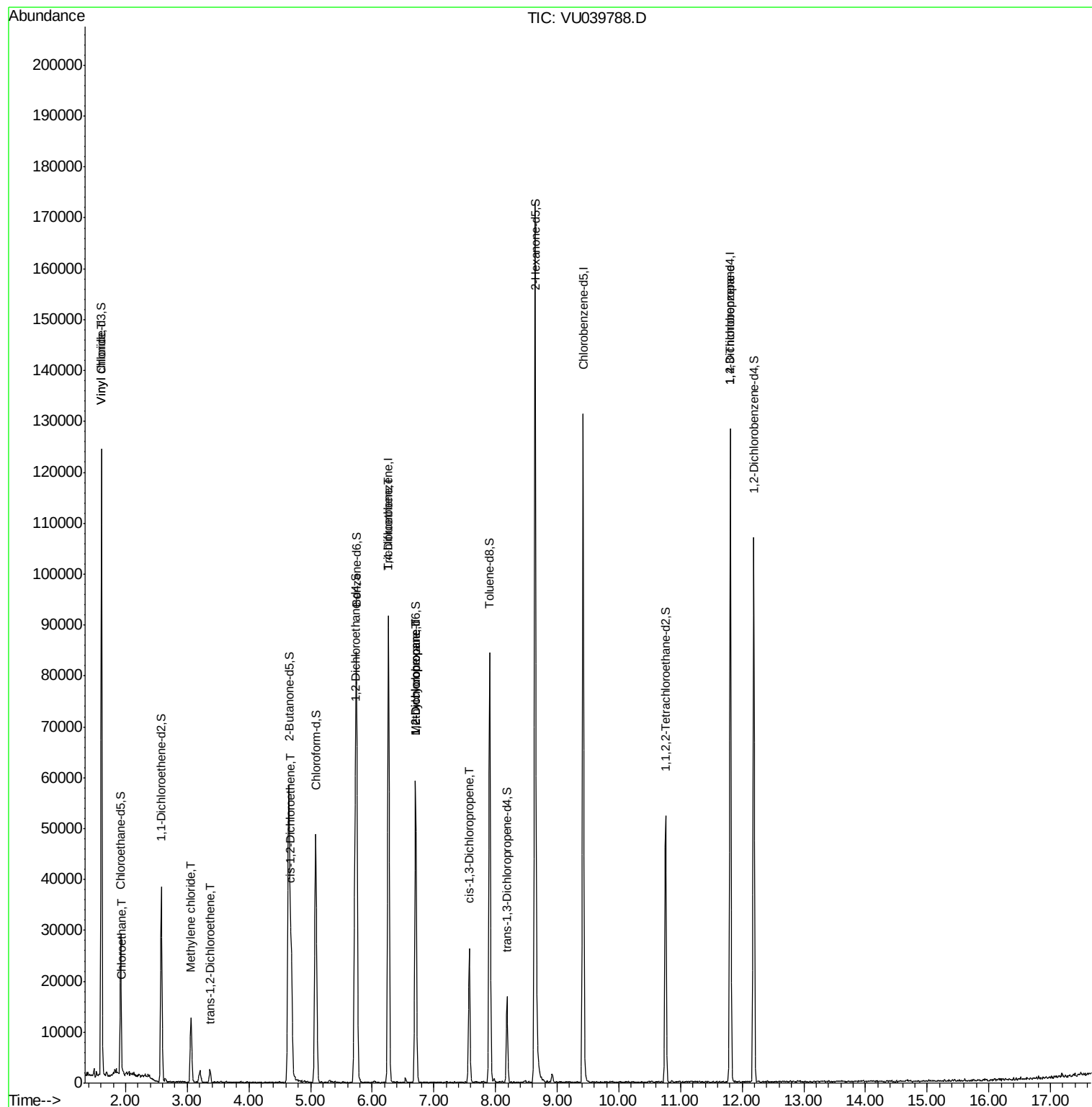
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	68216	11.660	ug/L	96
8) Chloroethane	1.94	64	420	0.098	ug/L #	43
16) Methylene chloride	3.06	84	5935	0.858	ug/L	89
18) trans-1,2-Dichloroethene	3.37	96	1137	0.238	ug/L #	74
22) cis-1,2-Dichloroethene	4.69	96	9566	1.840	ug/L	99
34) Trichloroethene	6.27	95	1329	0.271	ug/L #	4
35) Methylcyclohexane	6.71	83	6485	0.828	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	2890	0.576	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	809	0.118	ug/L #	60
59) 1,2,3-Trichloropropane	11.81	75	4231	1.168	ug/L #	80

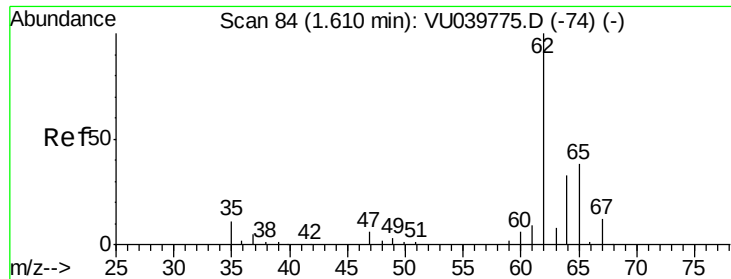
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 08 03:30:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.660 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039788.D

Acq: 07 Aug 2020 15:42

Instrument :

MSVOA_U

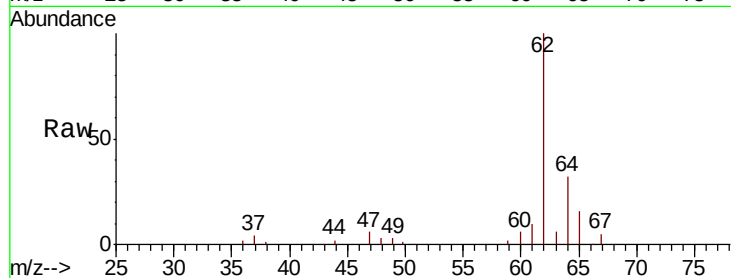
ClientSampleId :

Tot Ion: 62 Resp: 68216

Ion Ratio Lower Upper

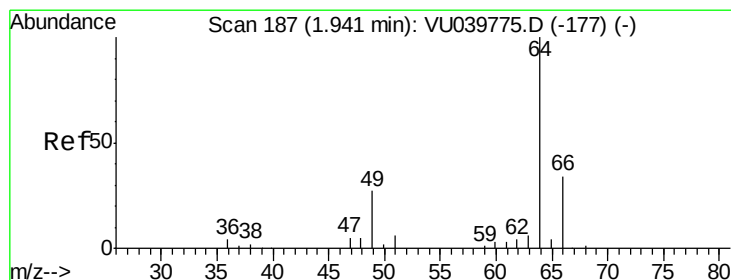
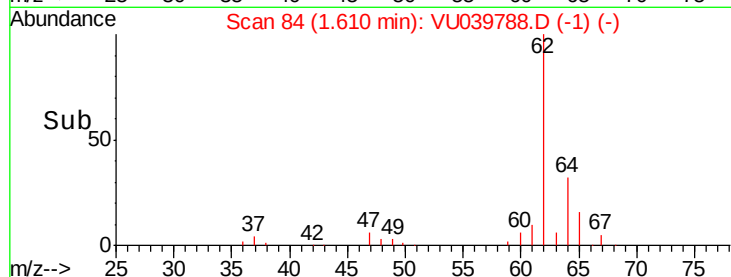
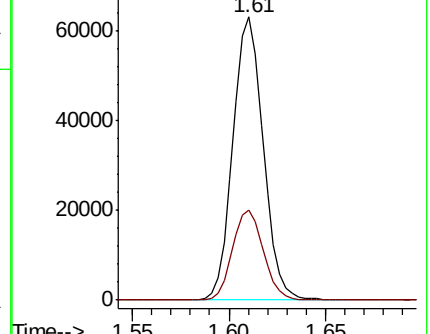
62 100

64 31.8 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#8

Chloroethane

Concen: 0.098 ug/L

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU039788.D

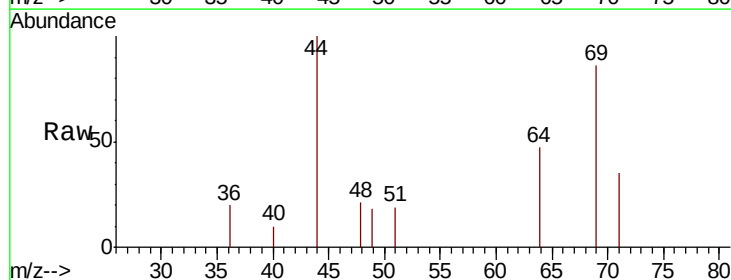
Acq: 07 Aug 2020 15:42

Tgt Ion: 64 Resp: 420

Ion Ratio Lower Upper

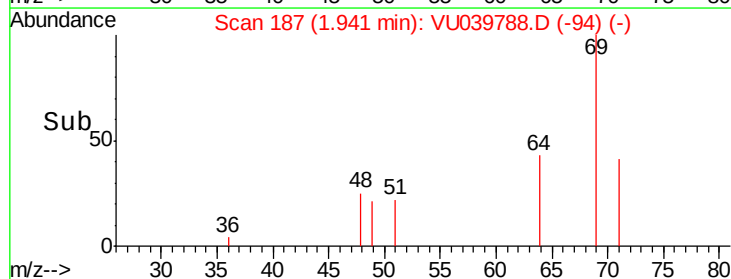
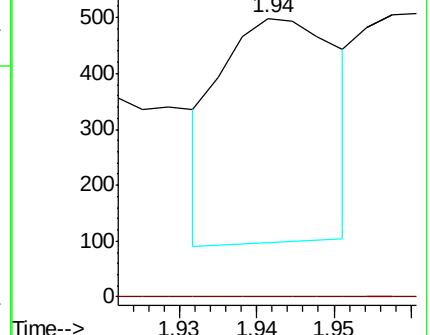
64 100

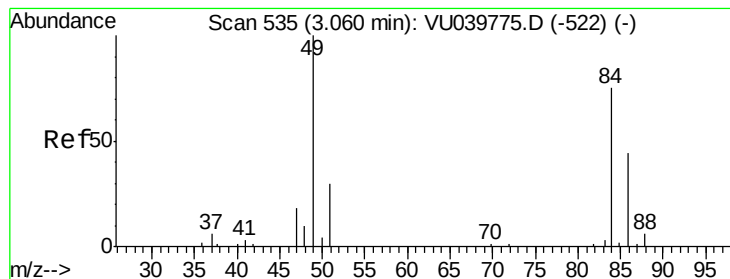
66 0.0 22.3 41.3#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#16

Methylene chloride

Concen: 0.858 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039788.D

Acq: 07 Aug 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

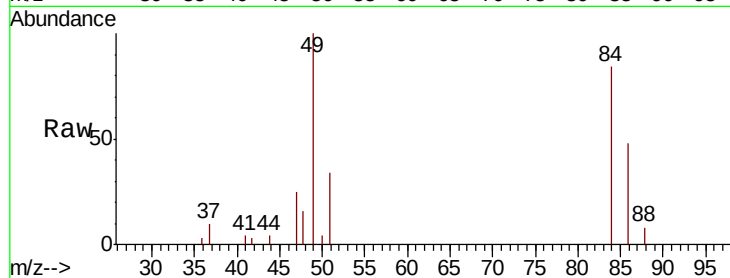
Tot Ion: 84 Resp: 5935

Ion Ratio Lower Upper

84 100

86 56.8 43.9 81.5

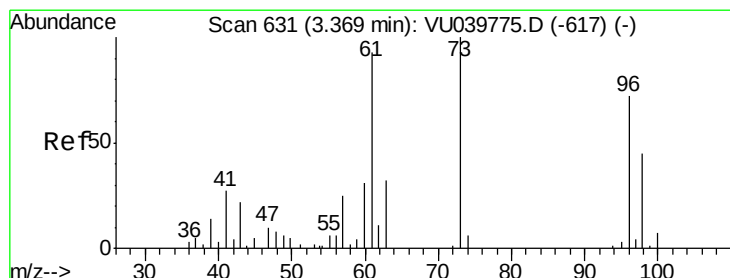
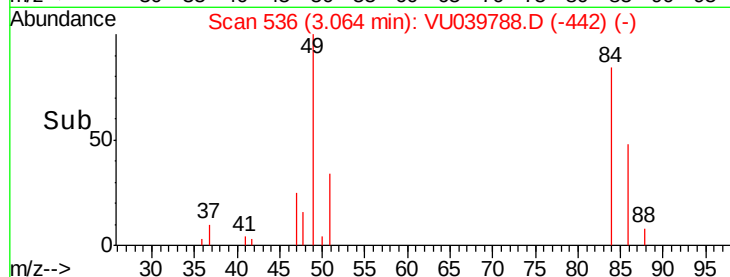
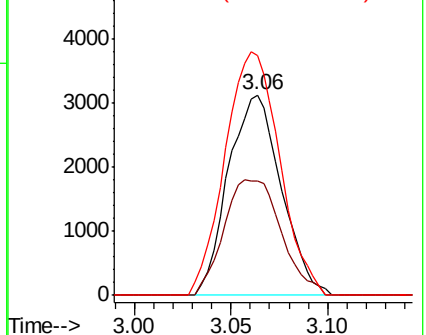
49 119.3 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VU039775.D (-522) (-)

Ion 86.00 (85.70 to 86.70): VU039775.D (-522) (-)

Ion 49.10 (48.80 to 49.80): VU039775.D (-522) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.238 ug/L

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039788.D

Acq: 07 Aug 2020 15:42

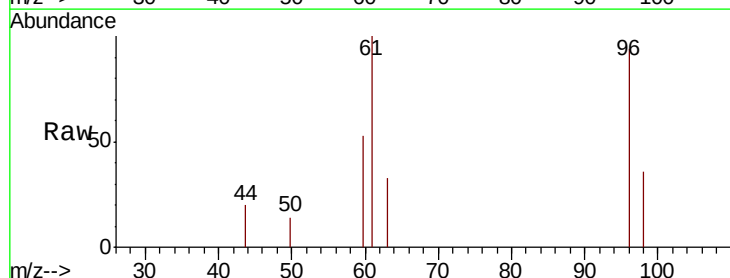
Tgt Ion: 96 Resp: 1137

Ion Ratio Lower Upper

96 100

61 106.9 96.5 179.1

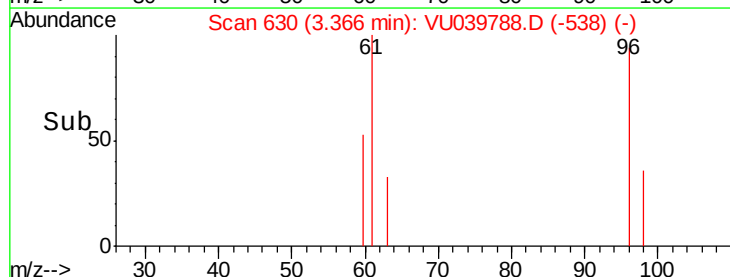
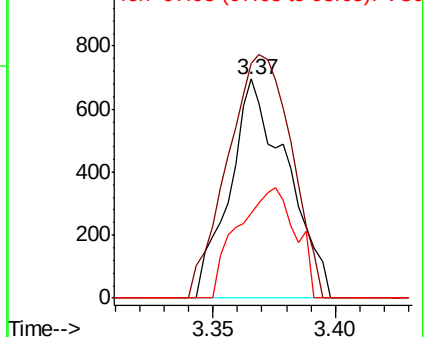
98 38.6 40.9 76.0#

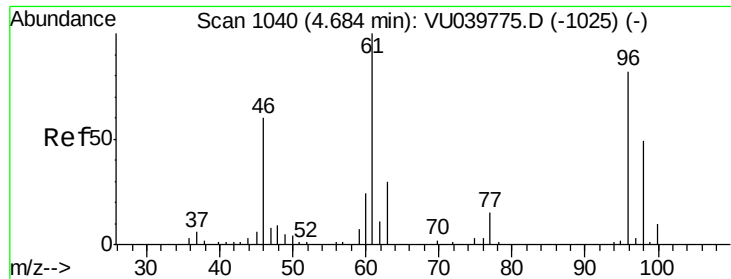


Abundance Ion 96.00 (95.70 to 96.70): VU039775.D (-617) (-)

Ion 61.05 (60.75 to 61.75): VU039775.D (-617) (-)

Ion 97.95 (97.65 to 98.65): VU039775.D (-617) (-)

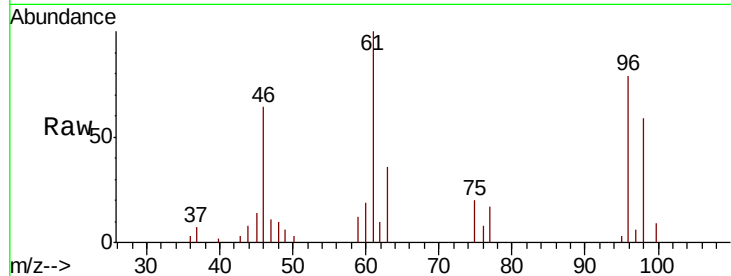




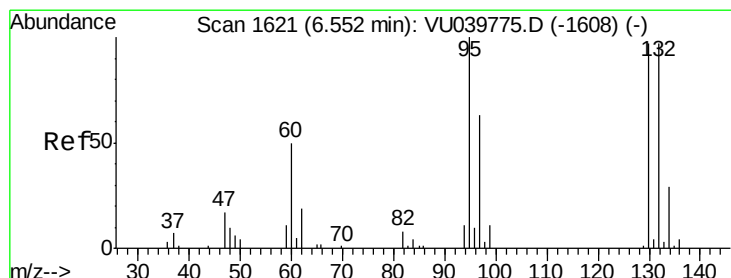
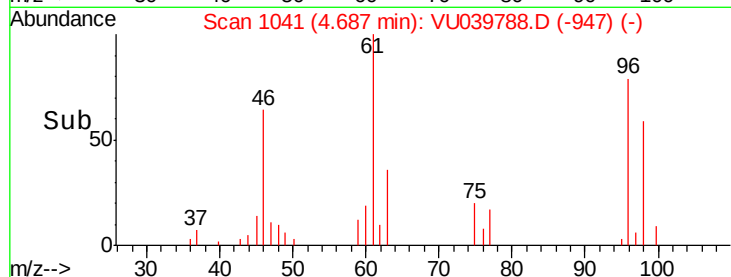
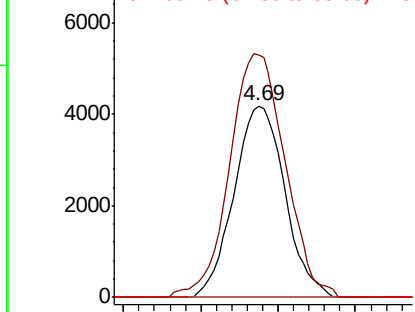
#22
 cis-1,2-Dichloroethene
 Concen: 1.840 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU039788.D
 Acq: 07 Aug 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 9566
 Ion Ratio Lower Upper
 96 100
 61 126.3 87.4 162.2
 68 0.0 0.0 0.0

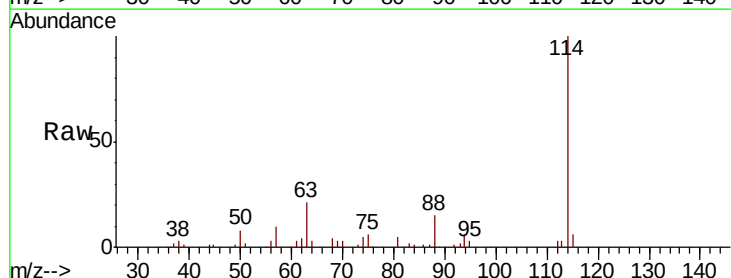


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

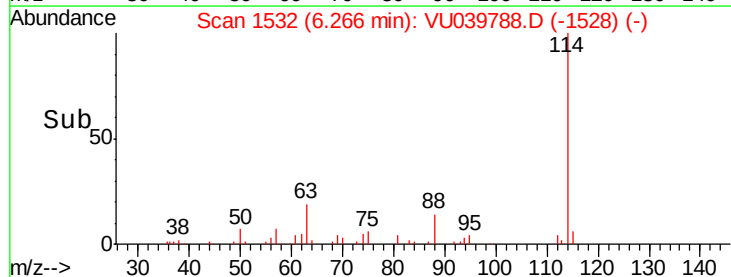
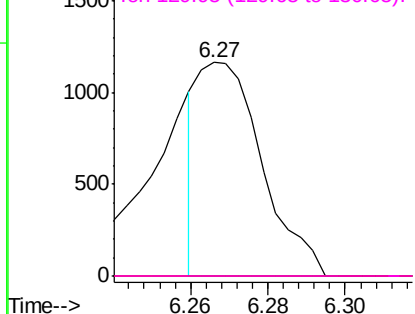


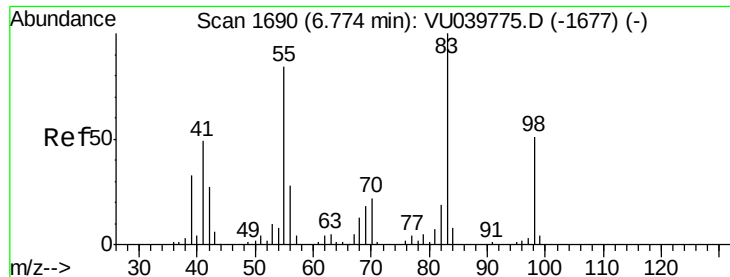
#34
 Trichloroethene
 Concen: 0.271 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU039788.D
 Acq: 07 Aug 2020 15:42

Tgt Ion: 95 Resp: 1329
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.0 81.8#
 132 0.0 71.7 133.3#
 130 0.0 71.1 132.1#



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

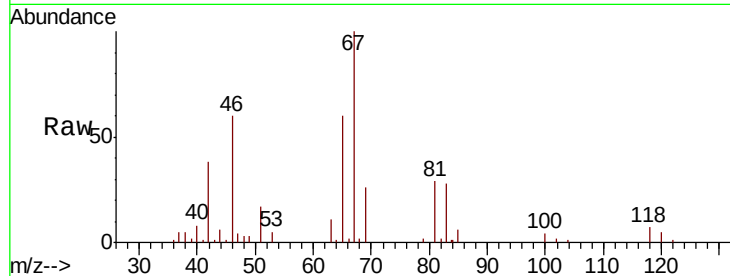




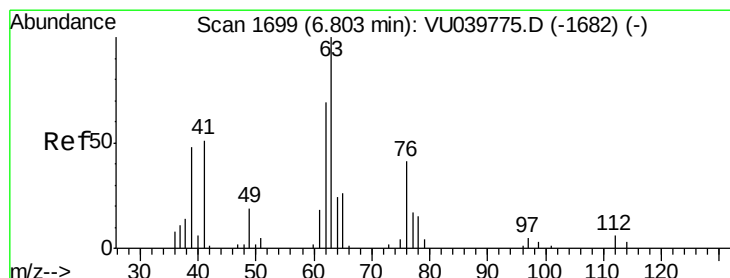
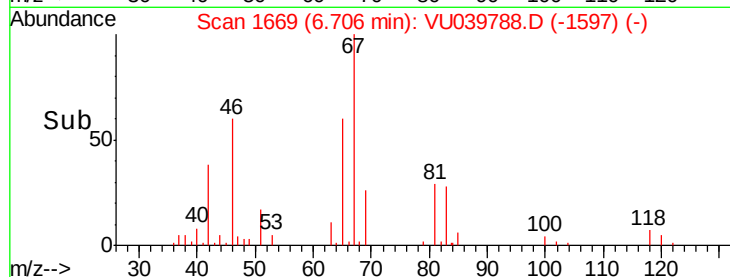
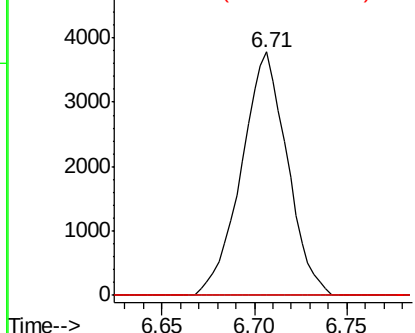
#35
Methvlcvclohexane
Concen: 0.828 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039788.D
Acq: 07 Aug 2020 15:42

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 6485
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.0 39.0 58.4#

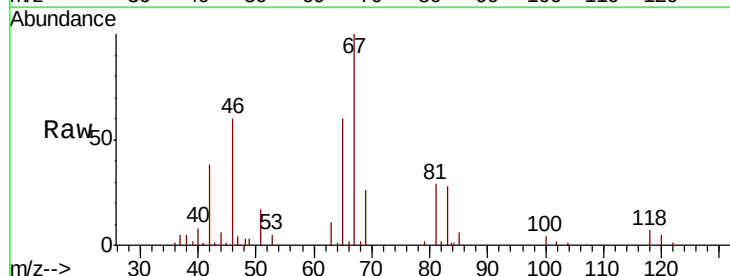


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

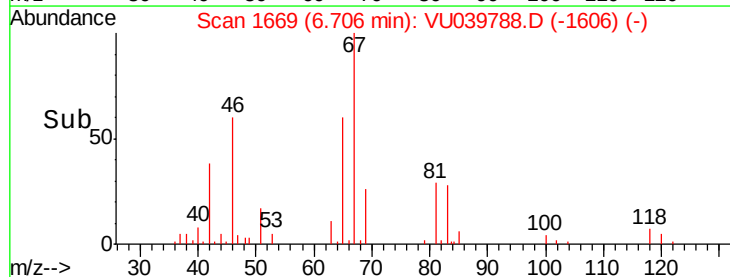
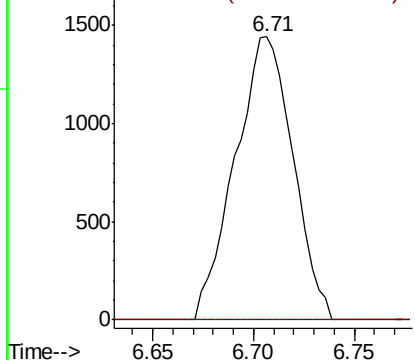


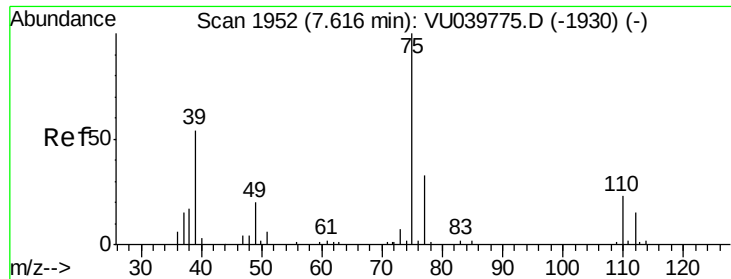
#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039788.D
Acq: 07 Aug 2020 15:42

Tgt Ion: 63 Resp: 2890
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



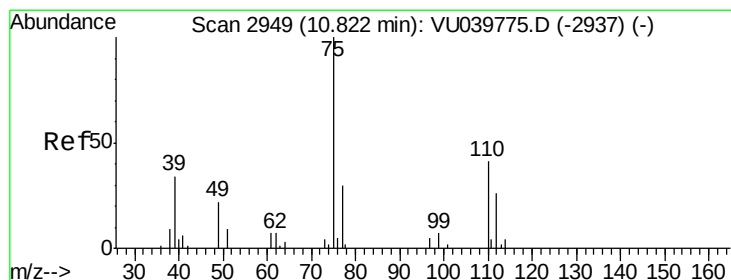
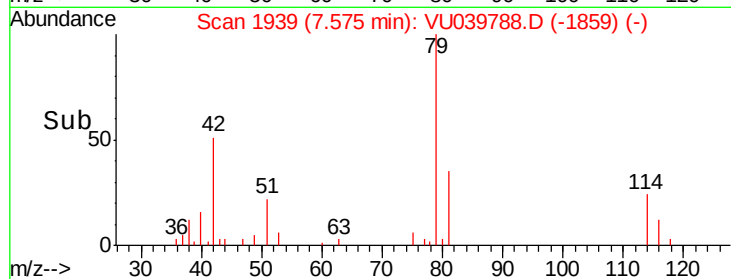
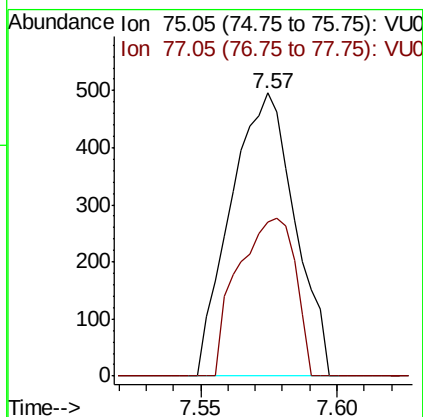
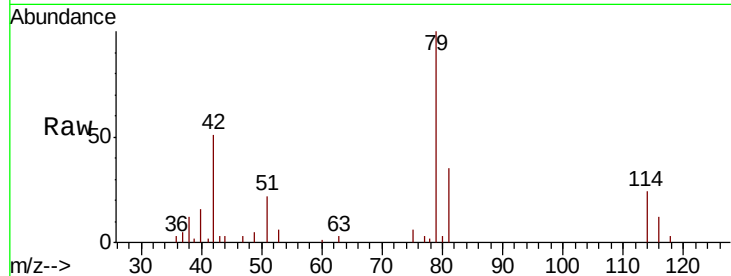


#39

cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039788.D
 Acq: 07 Aug 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 809
 Ion Ratio Lower Upper
 75 100
 77 54.2 22.4 41.6#



#59

1,2,3-Trichloropropane
 Concen: 1.168 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU039788.D
 Acq: 07 Aug 2020 15:42

Tgt Ion: 75 Resp: 4231
 Ion Ratio Lower Upper
 75 100
 77 41.5 24.6 37.0#

