

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072020\
 Data File : VU039576.D
 Acq On : 20 Jul 2020 17:34
 Operator : SY/MD
 Sample : L3346-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C37

Quant Time: Jul 21 06:05:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 21 06:02:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	99069	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	95991	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43991	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19669	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.93	69	26683	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.58	63	44143	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.65	46	122655	46.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.38%
24) Chloroform-d	5.09	84	58769	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	38871	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.74	84	112270	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.71	67	38039	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.91	98	96298	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.19	79	14377	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.64	63	88865	41.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.56%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34714	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	39727	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

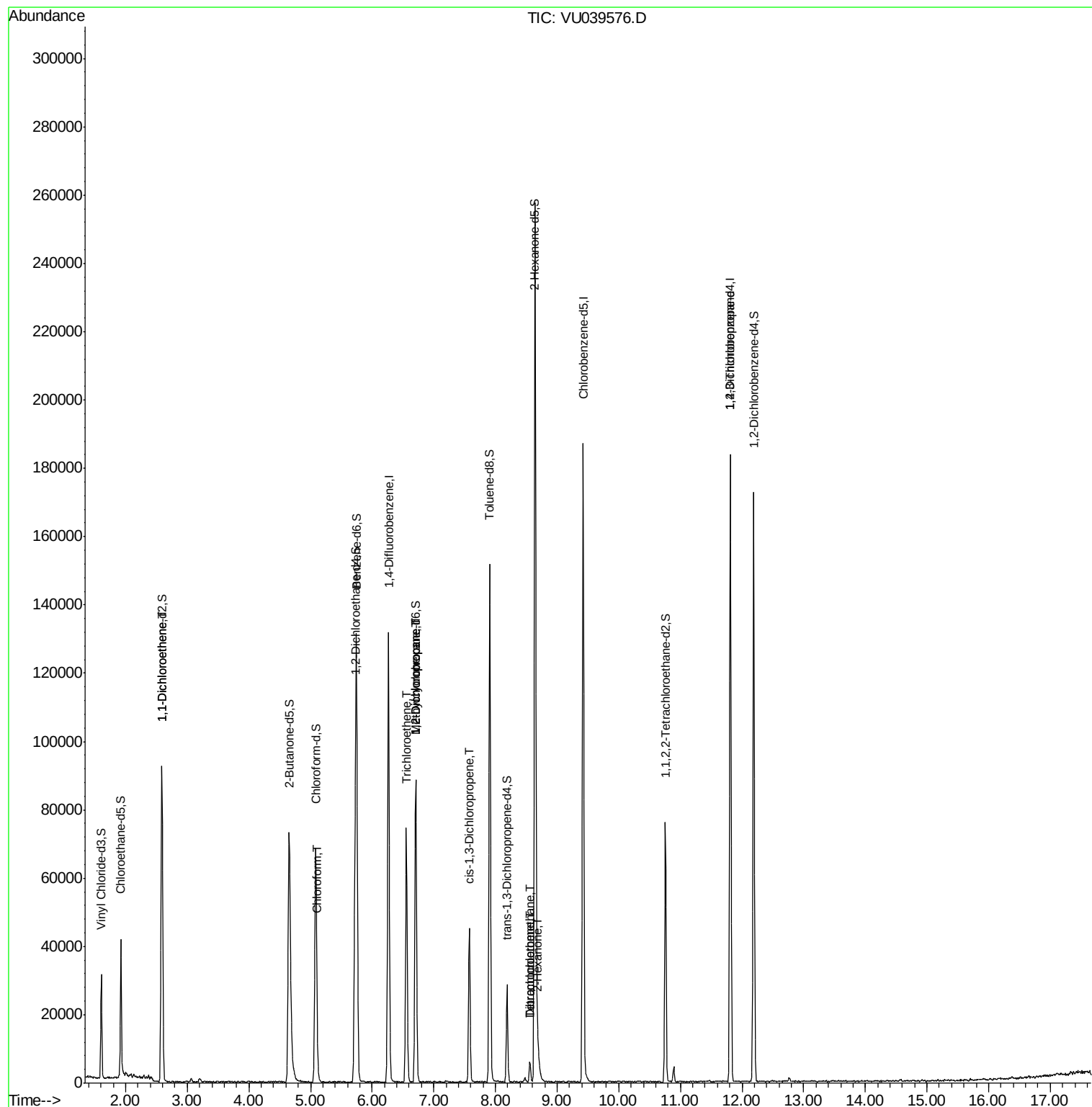
					Ovalue
12) 1,1-Dichloroethene	2.59	96	16749	2.843 ug/L	86
25) Chloroform	5.11	83	2909	0.226 ug/L	95
34) Trichloroethene	6.56	95	23757	3.202 ug/L	94
35) Methylcyclohexane	6.70	83	8571	0.721 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4430	0.566 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1389	0.117 ug/L #	59
47) Tetrachloroethene	8.56	164	1255	0.243 ug/L	78
48) 2-Hexanone	8.70	43	4683	0.973 ug/L #	62
49) Dibromochloromethane	8.56	129	1080	0.159 ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6953	1.206 ug/L	90

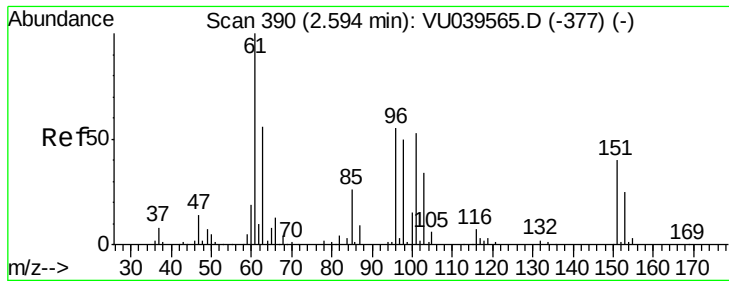
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072020\
Data File : VU039576.D
Acq On : 20 Jul 2020 17:34
Operator : SY/MD
Sample : L3346-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4C37

Quant Time: Jul 21 06:05:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 21 06:02:44 2020
Response via : Initial Calibration

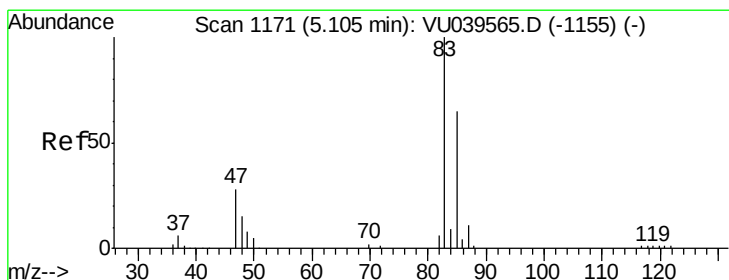
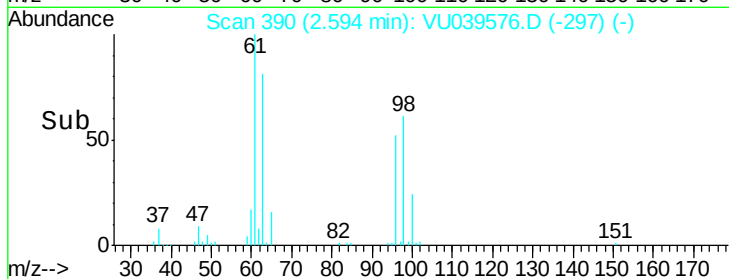
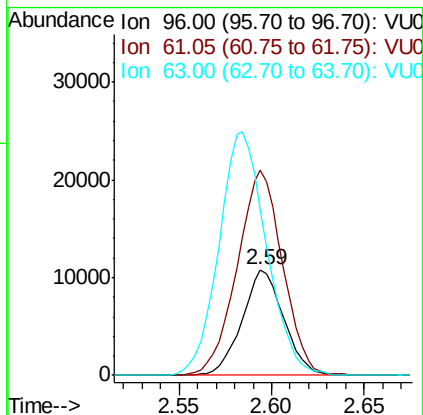
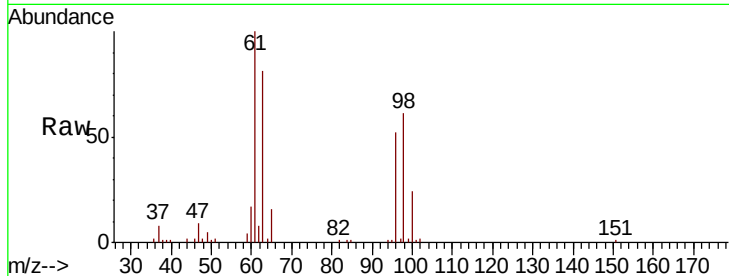




#12
 1,1-Dichloroethene
 Concen: 2.843 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU039576.D
 Acq: 20 Jul 2020 17:34

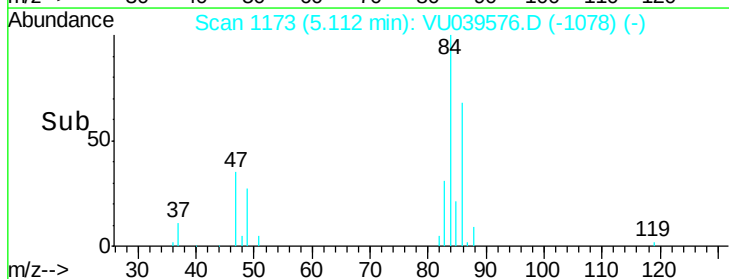
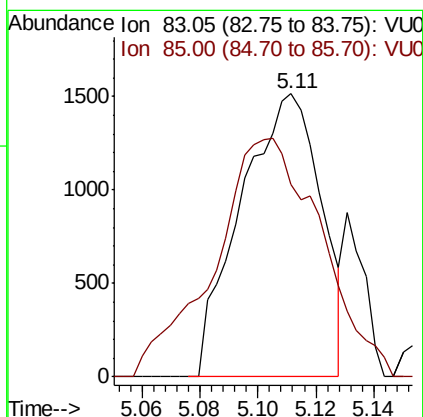
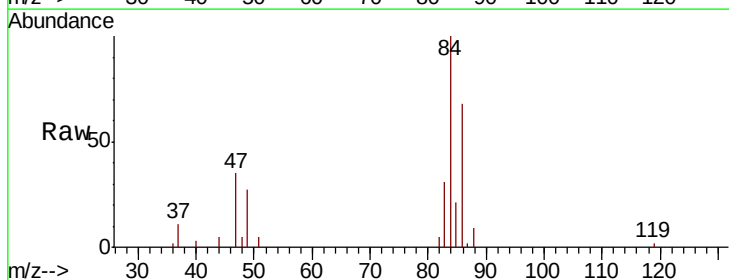
Instrument :
 MSVOA_U
 ClientSampleId :
 F4C37

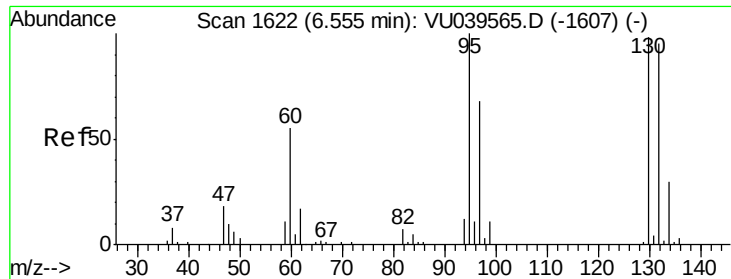
Tot Ion: 96 Resp: 16749
 Ion Ratio Lower Upper
 96 100
 61 193.3 125.4 232.8
 63 156.2 92.7 172.3



#25
 Chloroform
 Concen: 0.226 ug/L
 RT: 5.11 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: VU039576.D
 Acq: 20 Jul 2020 17:34

Tgt Ion: 83 Resp: 2909
 Ion Ratio Lower Upper
 83 100
 85 67.8 44.9 83.5





#34

Trichloroethene

Concen: 3.202 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. -0.00 min

Lab File: VU039576.D

Acq: 20 Jul 2020 17:34

Instrument :

MSVOA_U

ClientSampleId :

F4C37

Tot Ion: 95 Resp: 23757

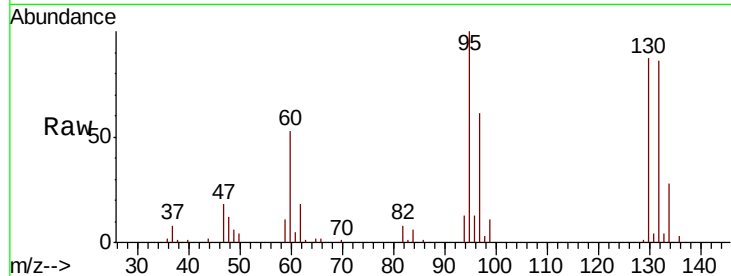
Ion Ratio Lower Upper

95 100

97 60.6 46.3 85.9

132 86.0 64.0 118.8

130 87.5 64.3 119.5

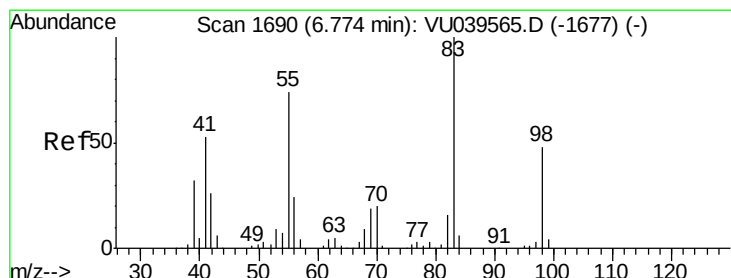
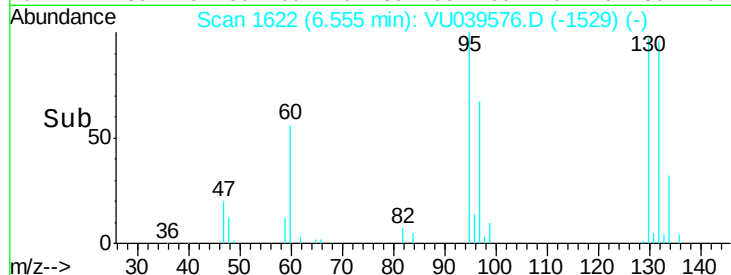
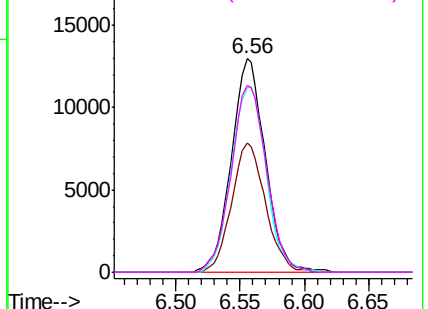


Abundance Ion 95.00 (94.70 to 95.70): VU039576.D (-1529) (-)

Ion 96.95 (96.65 to 97.65): VU039576.D (-1529) (-)

Ion 131.95 (131.65 to 132.65): VU039576.D (-1529) (-)

Ion 129.95 (129.65 to 130.65): VU039576.D (-1529) (-)



#35

Methylcyclohexane

Concen: 0.721 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039576.D

Acq: 20 Jul 2020 17:34

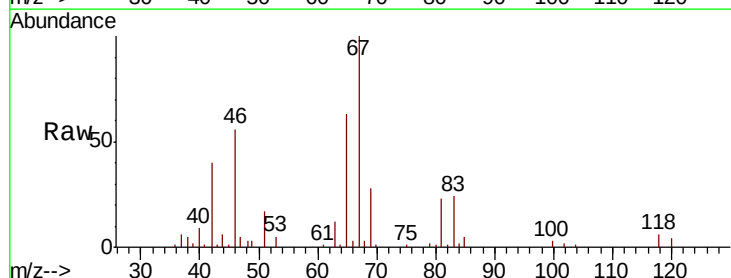
Tgt Ion: 83 Resp: 8571

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

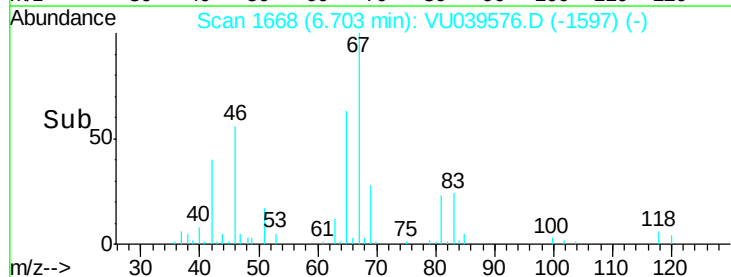
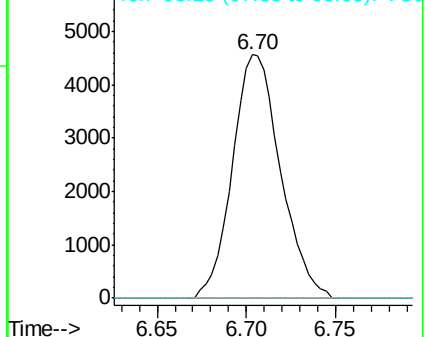
98 0.0 35.9 53.9#

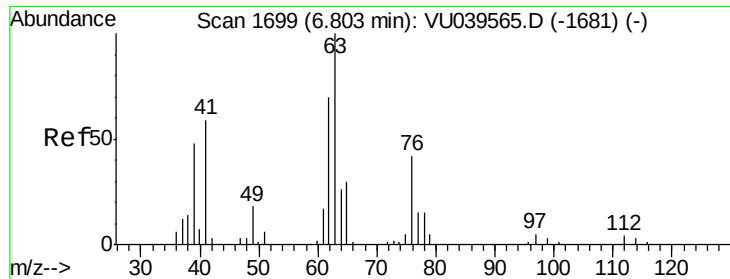


Abundance Ion 83.15 (82.85 to 83.85): VU039576.D (-1597) (-)

Ion 55.10 (54.80 to 55.80): VU039576.D (-1597) (-)

Ion 98.15 (97.85 to 98.85): VU039576.D (-1597) (-)

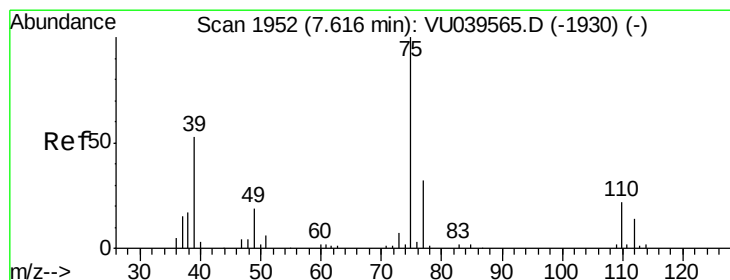
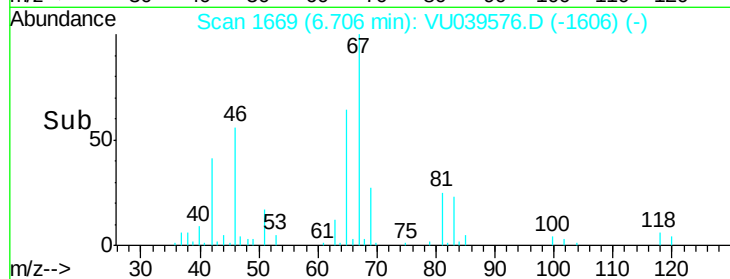
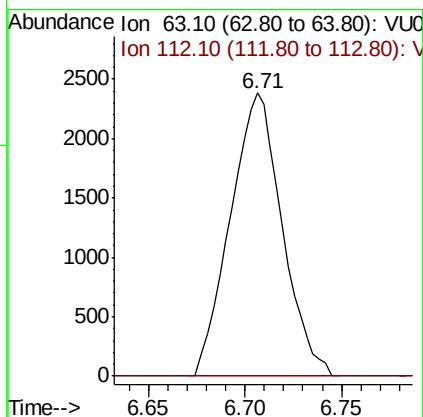
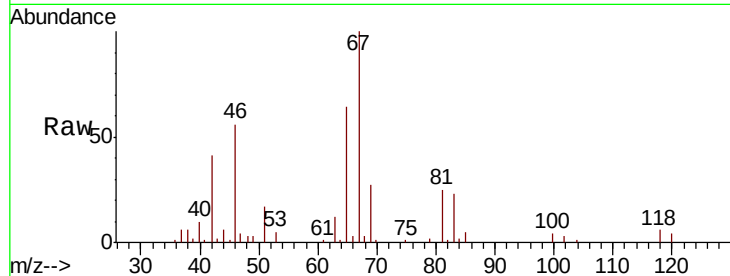




#37
 1,2-Dichloropropane
 Concen: 0.566 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039576.D
 Acq: 20 Jul 2020 17:34

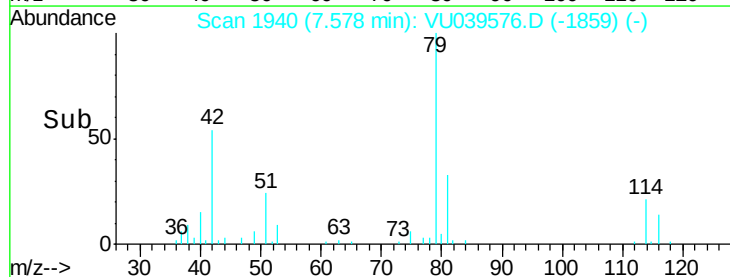
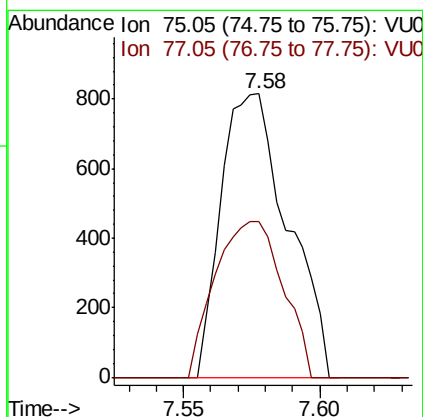
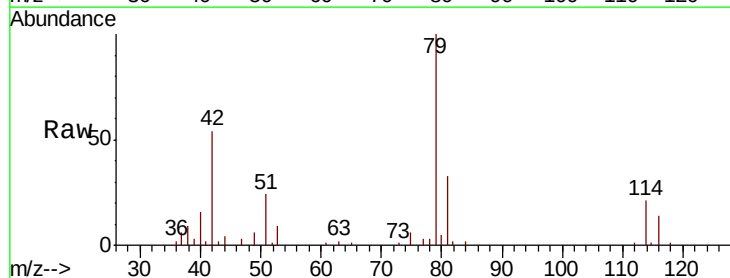
Instrument :
 MSVOA_U
 ClientSampleId :
 F4C37

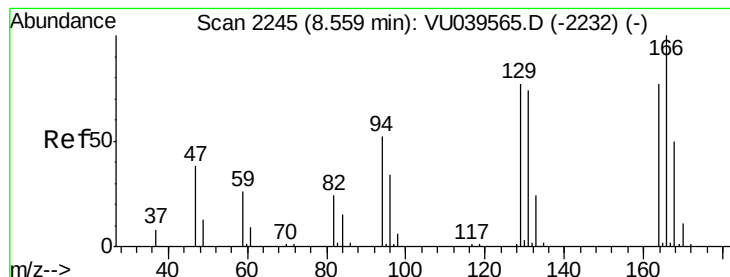
Tot Ion: 63 Resp: 4430
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039576.D
 Acq: 20 Jul 2020 17:34

Tgt Ion: 75 Resp: 1389
 Ion Ratio Lower Upper
 75 100
 77 54.7 22.3 41.3#





#47

Tetrachloroethene

Concen: 0.243 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU039576.D

Acq: 20 Jul 2020 17:34

Instrument :

MSVOA_U

ClientSampleId :

F4C37

Tot Ion:164 Resp: 1255

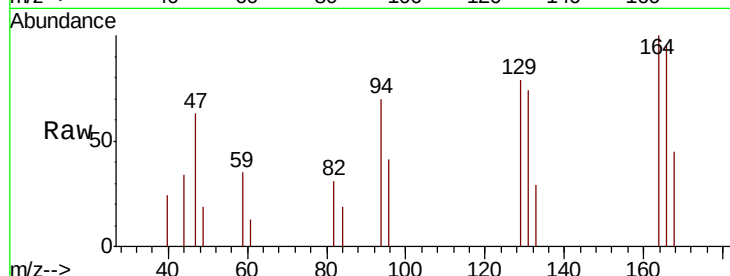
Ion Ratio Lower Upper

164 100

129 79.0 68.6 127.4

131 74.3 66.4 123.4

166 95.0 85.9 159.5

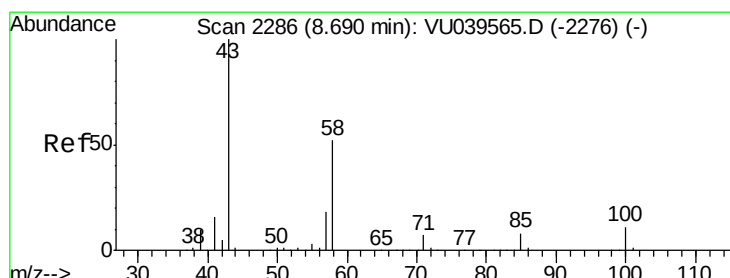
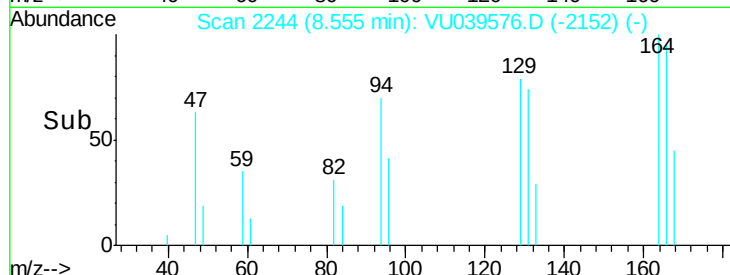
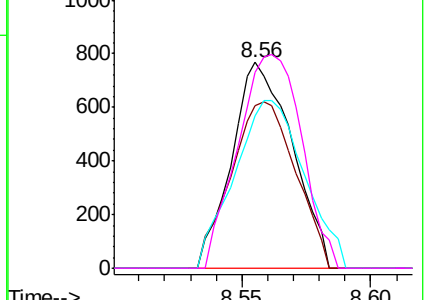


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 0.973 ug/L

RT: 8.70 min Scan# 2288

Delta R.T. 0.01 min

Lab File: VU039576.D

Acq: 20 Jul 2020 17:34

Tgt Ion: 43 Resp: 4683

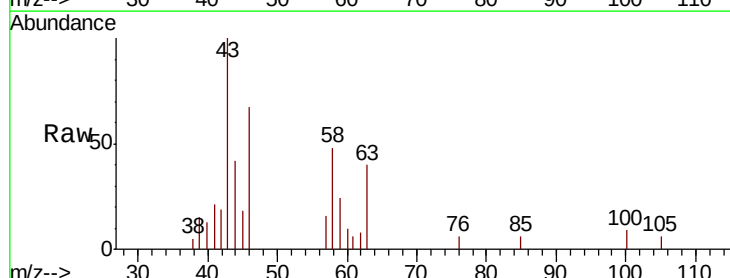
Ion Ratio Lower Upper

43 100

58 14.7 42.0 63.0#

57 19.7 14.0 21.0

100 4.8 8.2 12.2#

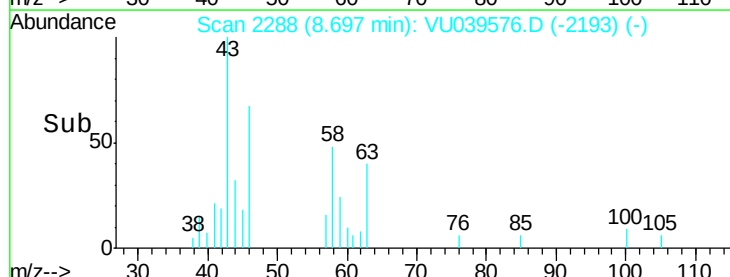
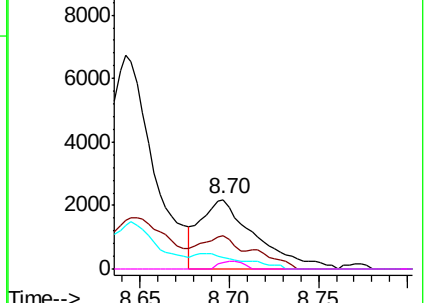


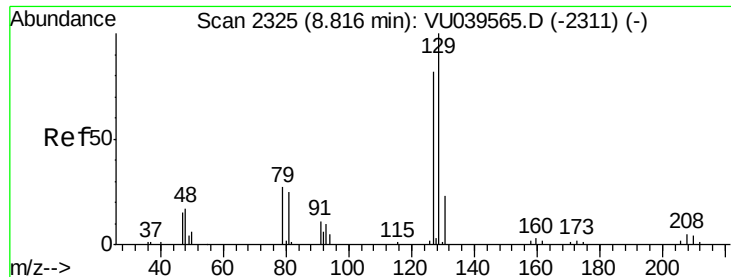
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 0.159 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.26 min

Lab File: VU039576.D

Acq: 20 Jul 2020 17:34

Instrument :

MSVOA_U

ClientSampleId :

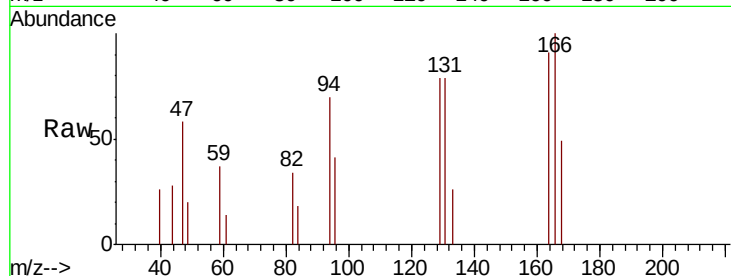
F4C37

Tot Ion:129 Resp: 1080

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.56

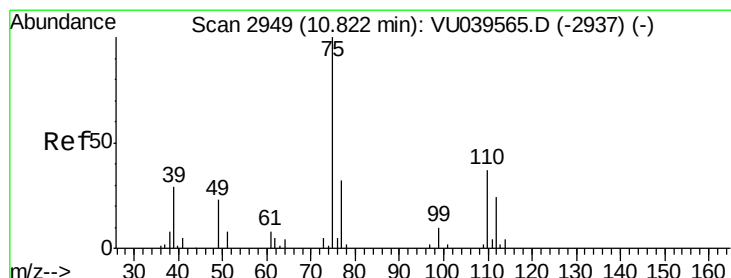
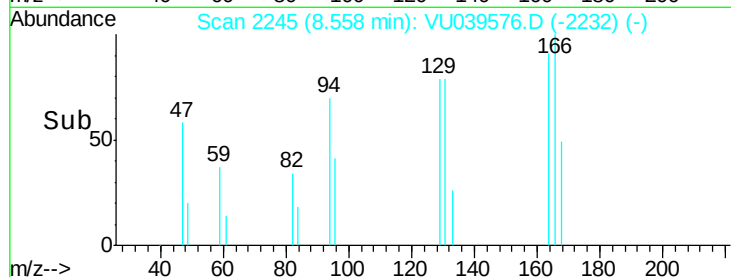
600

400

200

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.206 ug/L

RT: 11.81 min Scan# 3257

Delta R.T. 0.99 min

Lab File: VU039576.D

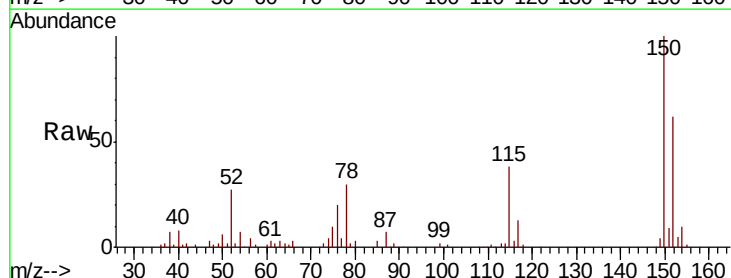
Acq: 20 Jul 2020 17:34

Tgt Ion: 75 Resp: 6953

Ion Ratio Lower Upper

75 100

77 39.3 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

4000

3000

2000

1000

0

Time-->

