

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037578.D
 Acq On : 03 Apr 2020 19:48
 Operator : JC/MD
 Sample : L2158-06 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0F04

Quant Time: Apr 04 05:26:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 04 05:18:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	167280	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	158608	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	74061	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60512	44.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.08%
7) Chloroethane-d5	1.93	69	48341	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.58%
11) 1,1-Dichloroethene-d2	2.59	63	81290	35.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.20%
21) 2-Butanone-d5	4.67	46	104091	101.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.94%
24) Chloroform-d	5.10	84	104758	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
26) 1,2-Dichloroethane-d4	5.74	65	69661	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.68%
32) Benzene-d6	5.76	84	215170	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
36) 1,2-Dichloropropane-d6	6.72	67	73068	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.46%
41) Toluene-d8	7.92	98	198569	46.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.72%
43) trans-1,3-Dichloropropene-	8.20	79	37368	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.98%
47) 2-Hexanone-d5	8.66	63	77472	94.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103452	46.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.56%
64) 1,2-Dichlorobenzene-d4	12.21	152	72344	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%

Target Compounds

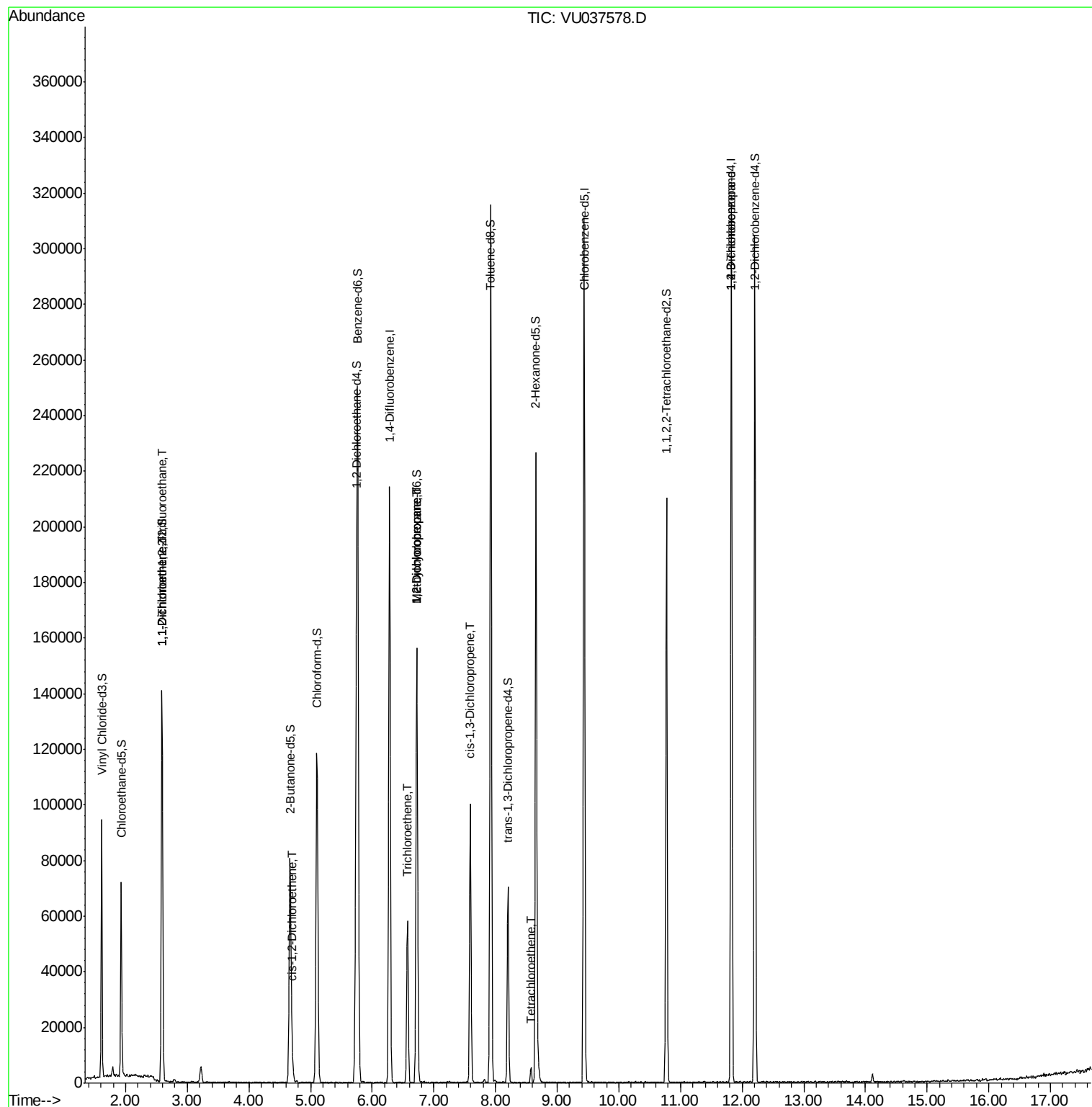
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	712	0.772 ug/L #	22
12) 1,1-Dichloroethene	2.59	96	851	0.951 ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	1028	0.926 ug/L	80
34) Trichloroethene	6.57	95	19768	18.191 ug/L	94
35) Methylcyclohexane	6.72	83	15606	9.295 ug/L #	20
37) 1,2-Dichloropropane	6.72	63	8147	6.880 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2440	1.319 ug/L #	72
46) Tetrachloroethene	8.58	164	1054	1.445 ug/L	88
59) 1,2,3-Trichloropropane	11.83	75	10297	6.764 ug/L #	84

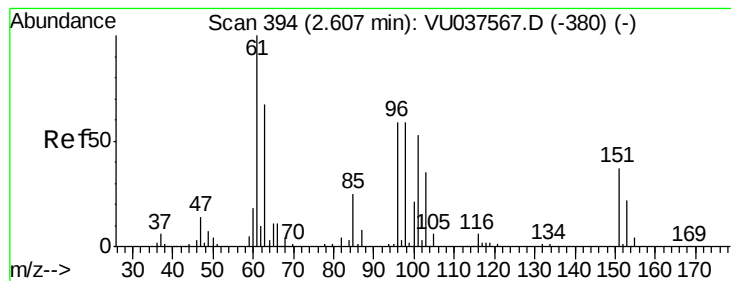
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040320\
Data File : VU037578.D
Acq On : 03 Apr 2020 19:48
Operator : JC/MD
Sample : L2158-06 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0F04

Quant Time: Apr 04 05:26:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 04 05:18:00 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.772 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU037578.D

Acq: 03 Apr 2020 19:48

Instrument :

MSVOA_U

ClientSampleId :

C0F04

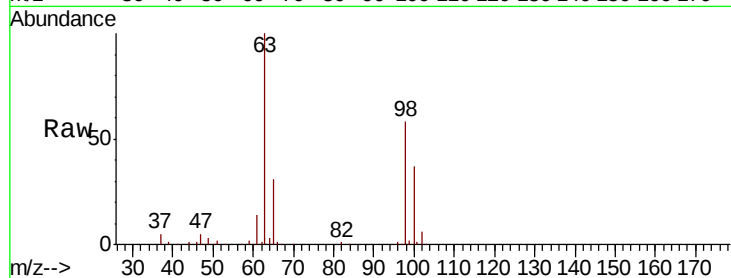
Tot Ion:101 Resp: 712

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

151 0.0 55.3 82.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

600

500

400

300

200

100

0

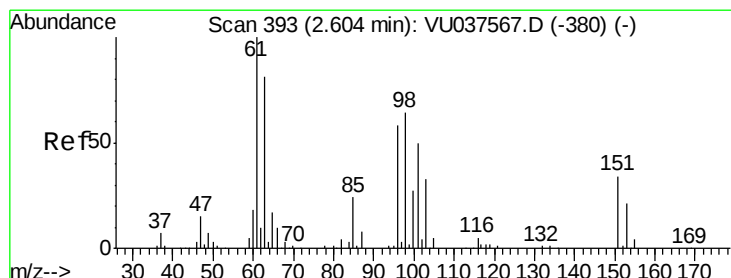
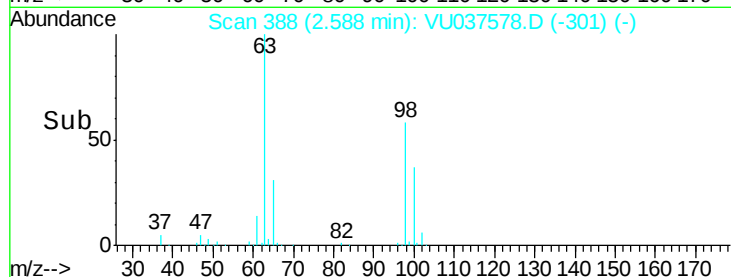
2.56

2.58

2.60

2.62

Time-->



#12

1,1-Dichloroethene

Concen: 0.951 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037578.D

Acq: 03 Apr 2020 19:48

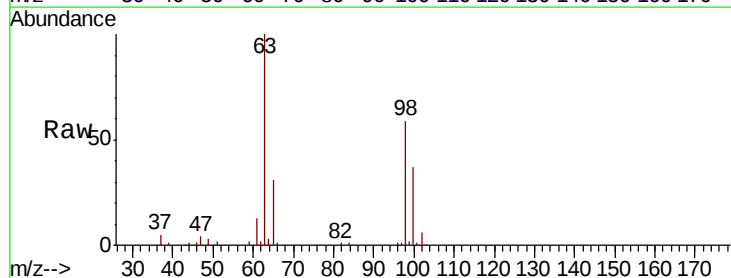
Tgt Ion: 96 Resp: 851

Ion Ratio Lower Upper

96 100

61 1247.9 117.2 217.8#

63 9287.3 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

60000

40000

20000

0

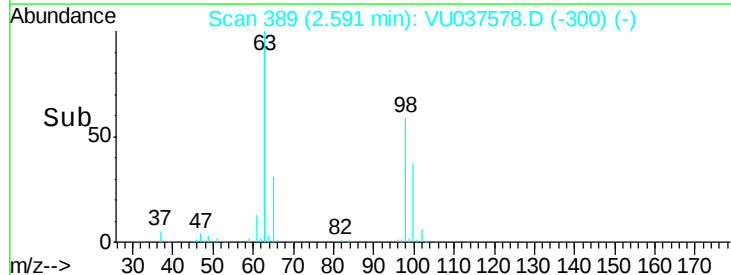
2.56

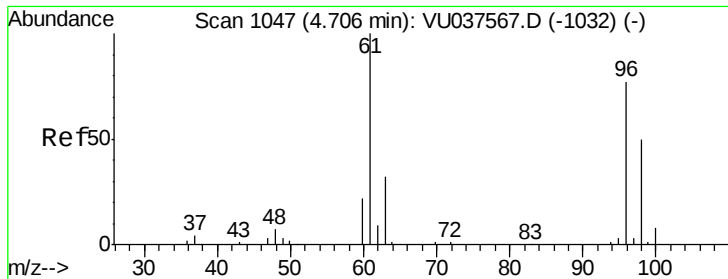
2.58

2.60

2.62

Time-->

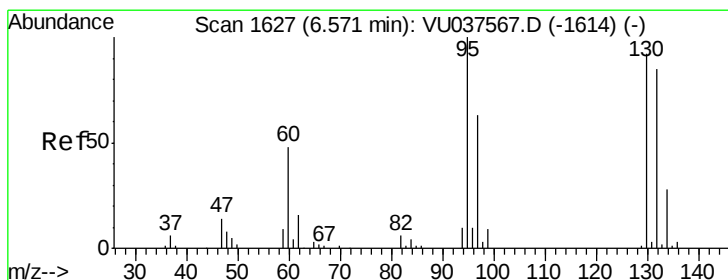
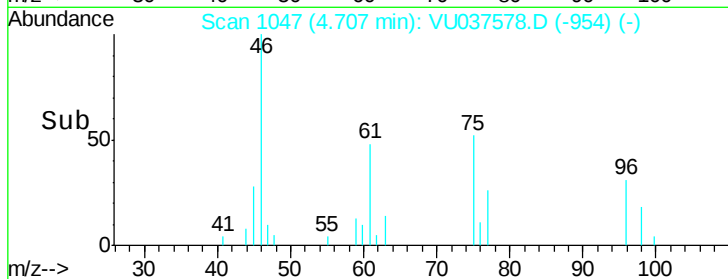
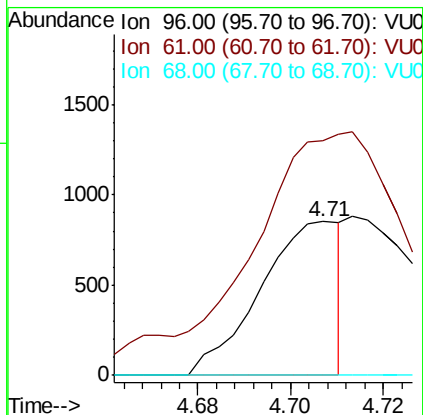
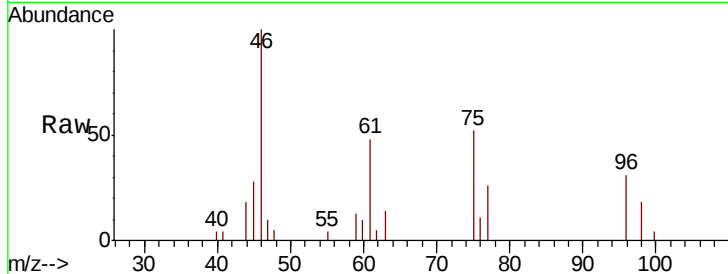




#20
 cis-1,2-Dichloroethene
 Concen: 0.926 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037578.D
 Acq: 03 Apr 2020 19:48

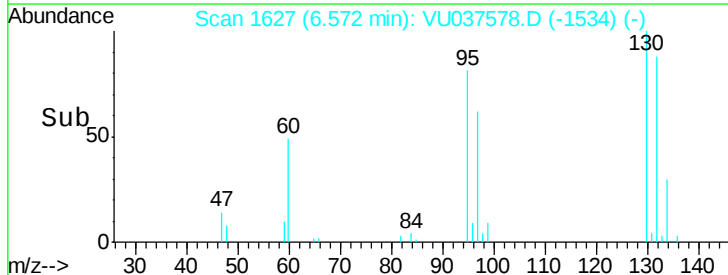
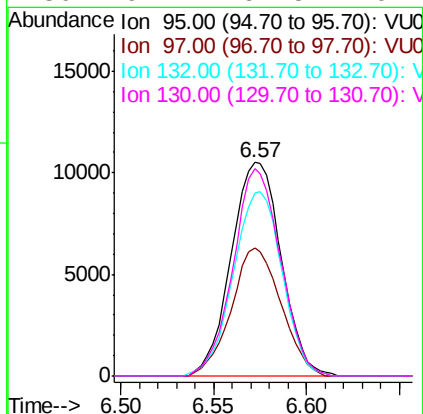
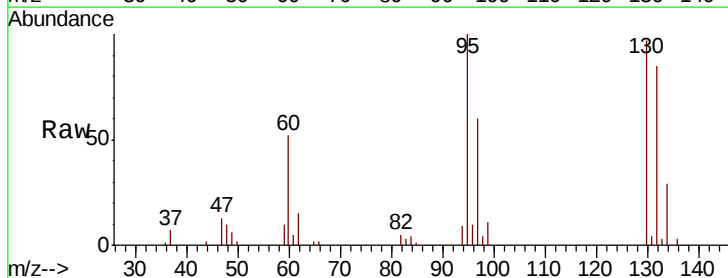
Instrument :
 MSVOA_U
 ClientSampled :
 C0F04

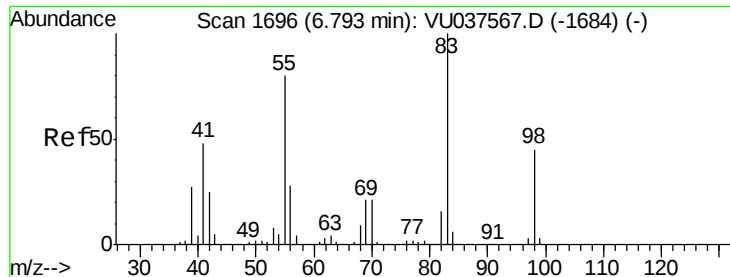
Tot Ion: 96 Resp: 1028
 Ion Ratio Lower Upper
 96 100
 61 152.6 90.2 167.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 18.191 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037578.D
 Acq: 03 Apr 2020 19:48

Tgt Ion: 95 Resp: 19768
 Ion Ratio Lower Upper
 95 100
 97 60.2 45.2 84.0
 132 85.4 63.7 118.3
 130 97.2 64.5 119.7

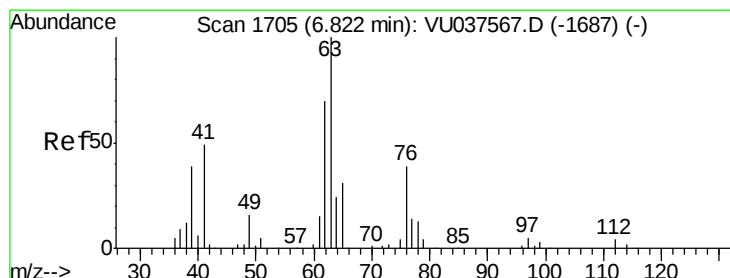
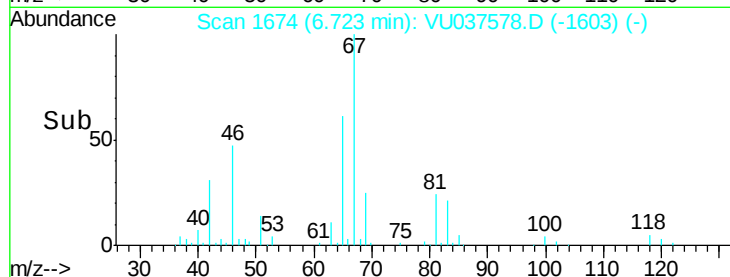
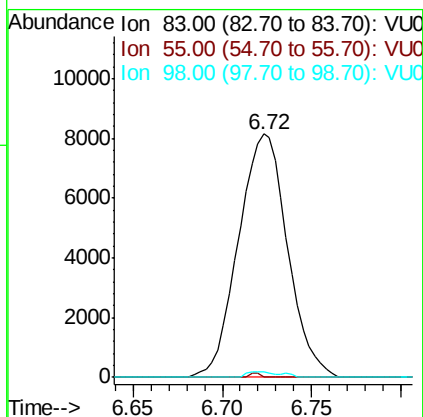
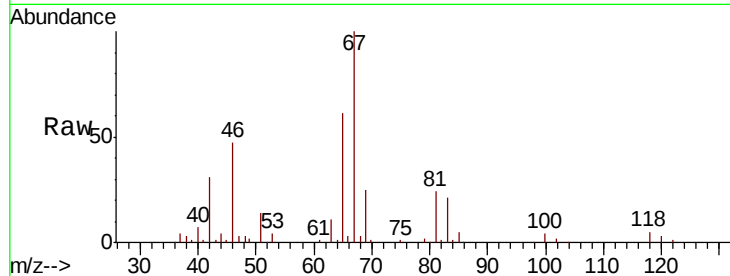




#35
Methvlcvclohexane
Concen: 9.295 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037578.D
Acq: 03 Apr 2020 19:48

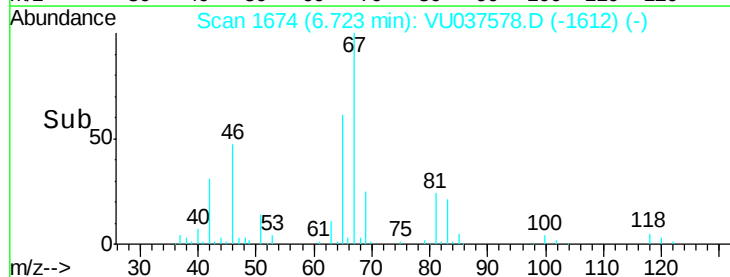
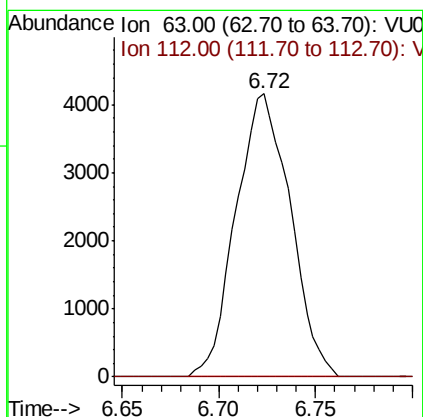
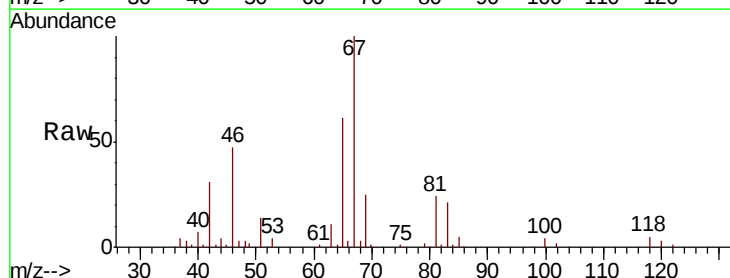
Instrument :
MSVOA_U
ClientSampleId :
C0F04

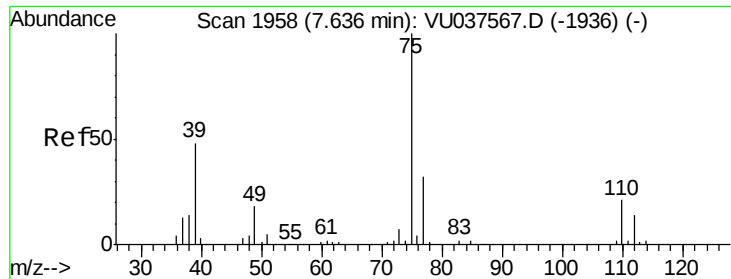
Tot Ion: 83 Resp: 15606
Ion Ratio Lower Upper
83 100
55 0.3 61.1 91.7#
98 1.1 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 6.880 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037578.D
Acq: 03 Apr 2020 19:48

Tgt Ion: 63 Resp: 8147
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

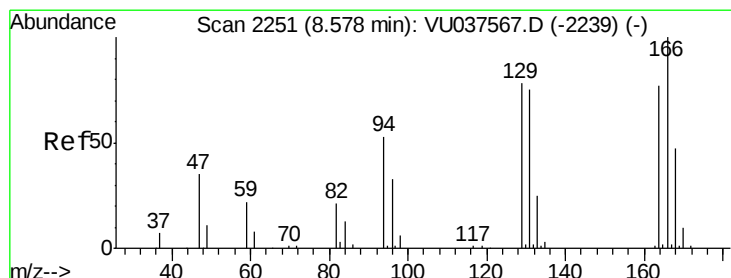
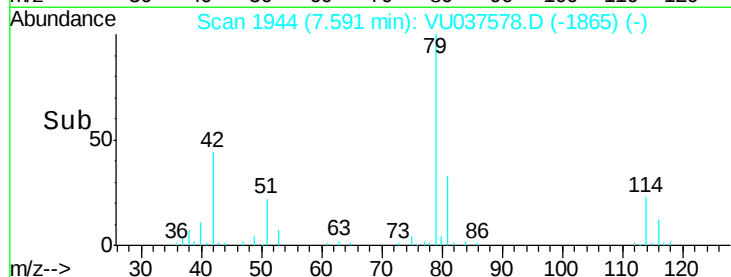
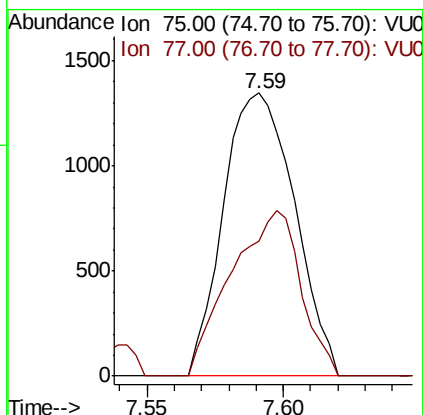
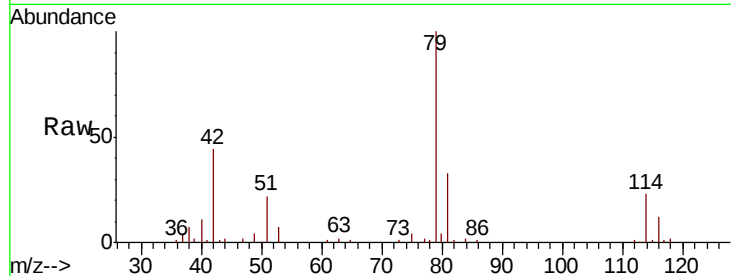




#39
 cis-1,3-Dichloropropene
 Concen: 1.319 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037578.D
 Acq: 03 Apr 2020 19:48

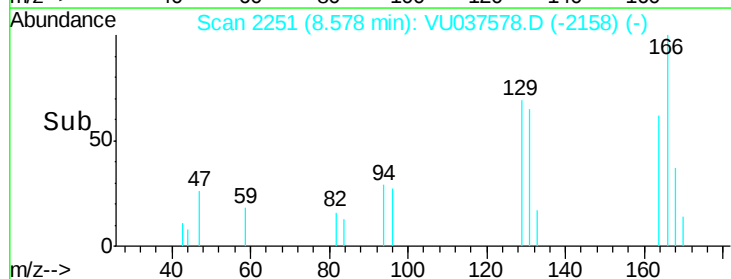
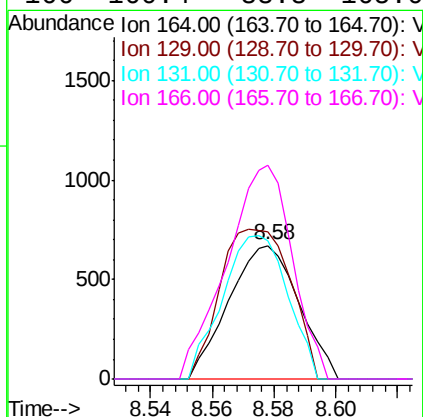
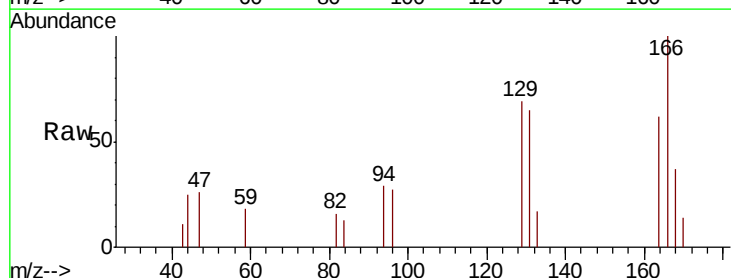
Instrument :
 MSVOA_U
 ClientSampleId :
 C0F04

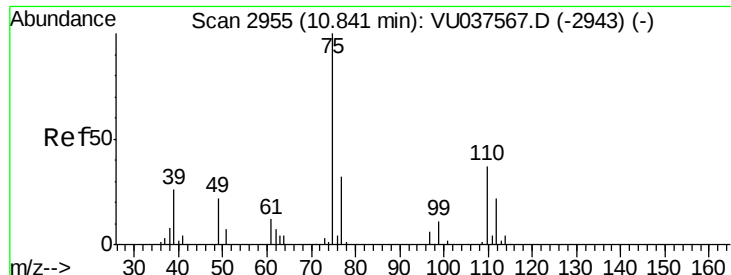
Tot Ion: 75 Resp: 2440
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.5 41.7#



#46
 Tetrachloroethene
 Concen: 1.445 ug/L
 RT: 8.58 min Scan# 2251
 Delta R.T. 0.00 min
 Lab File: VU037578.D
 Acq: 03 Apr 2020 19:48

Tgt Ion:164 Resp: 1054
 Ion Ratio Lower Upper
 164 100
 129 110.6 76.5 142.1
 131 104.0 71.7 133.1
 166 160.4 88.8 165.0





#59

1,2,3-Trichloropropane

Concen: 6.764 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037578.D

Acq: 03 Apr 2020 19:48

Instrument :

MSVOA_U

ClientSampleId :

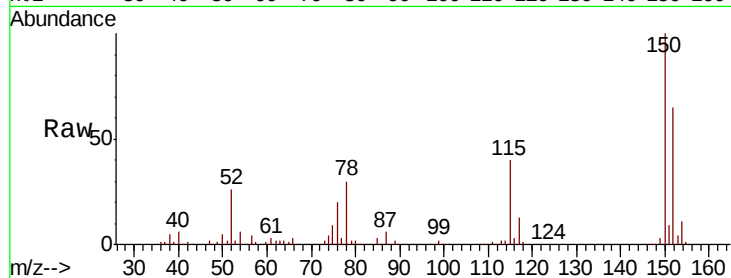
C0F04

Tot Ion: 75 Resp: 10297

Ion Ratio Lower Upper

75 100

77 40.7 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

