

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037975.D
 Acq On : 01 May 2020 01:36
 Operator : JC/MD
 Sample : L2410-11DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 06:16:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 06:13:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	725795	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	713851	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	325055	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	290615	45.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.04%
7) Chloroethane-d5	1.93	69	239114	46.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.10%
11) 1,1-Dichloroethene-d2	2.59	63	356616	34.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.30%
21) 2-Butanone-d5	4.66	46	460174	92.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.23%
24) Chloroform-d	5.10	84	442113	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	5.74	65	313893	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
32) Benzene-d6	5.76	84	970713	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
36) 1,2-Dichloropropane-d6	6.72	67	323052	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.62%
41) Toluene-d8	7.92	98	881242	45.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.32%
43) trans-1,3-Dichloropropene-	8.20	79	139906	42.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.54%
47) 2-Hexanone-d5	8.65	63	277694	91.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	434925	43.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.52%
64) 1,2-Dichlorobenzene-d4	12.20	152	314781	46.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.64%

Target Compounds

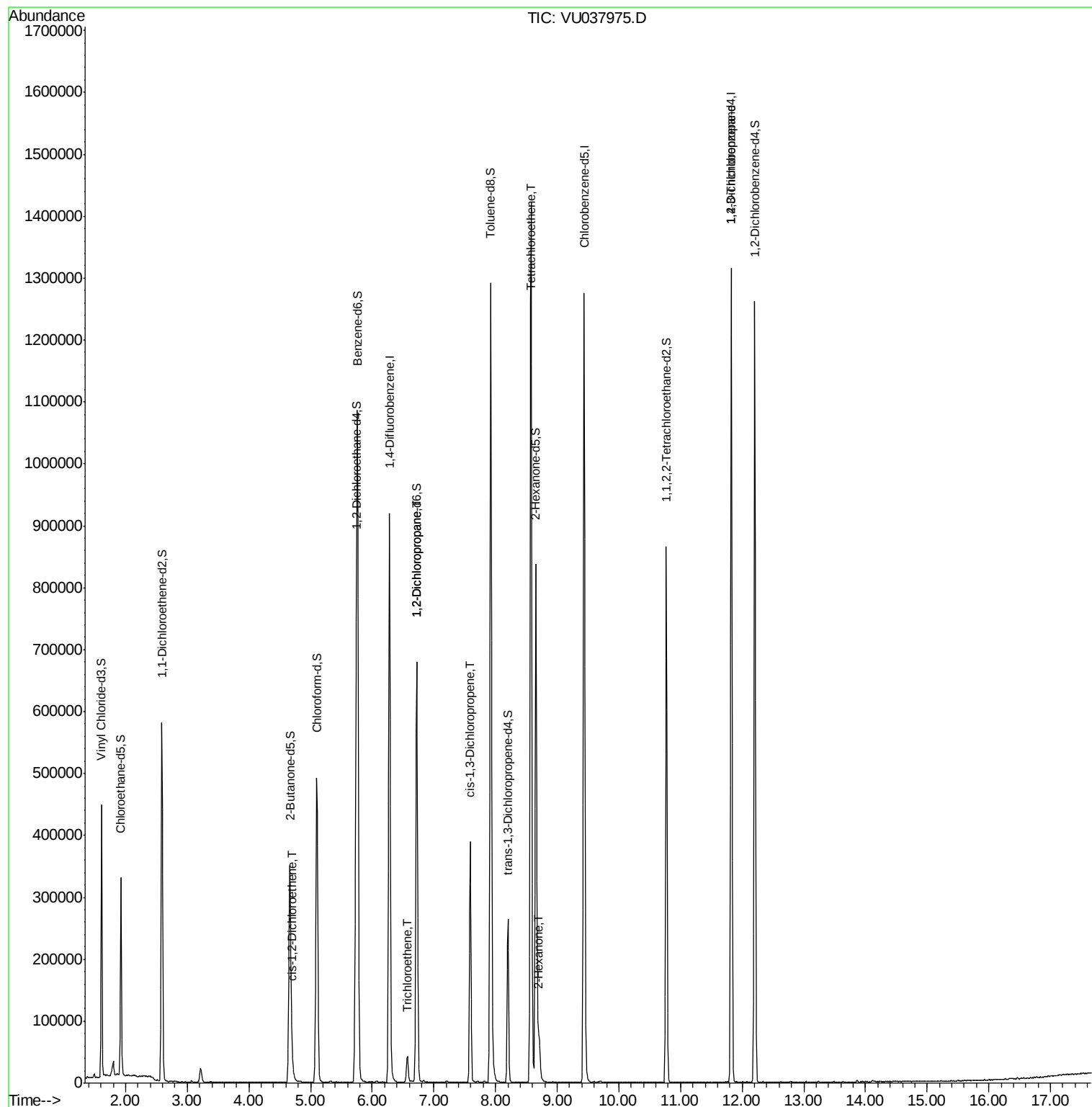
					Ovalue
20) cis-1,2-Dichloroethene	4.70	96	7937	1.399 ug/L	100
34) Trichloroethene	6.57	95	11461	2.118 ug/L	95
37) 1,2-Dichloropropane	6.72	63	33717	5.651 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	8196	0.896 ug/L #	69
46) Tetrachloroethene	8.57	164	310456	78.580 ug/L	99
48) 2-Hexanone	8.71	43	46258	5.807 ug/L #	91
59) 1,2,3-Trichloropropane	11.83	75	45617	5.514 ug/L	95

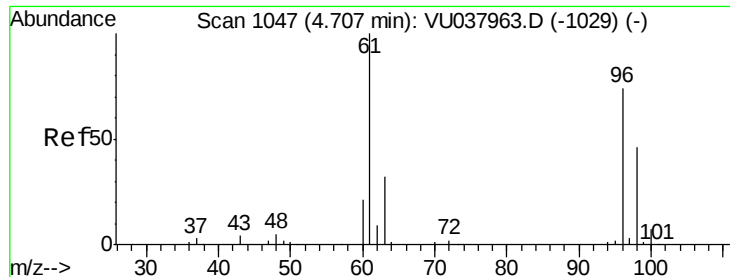
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :

Quant Time: May 01 06:16:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 01 06:13:06 2020
Response via : Initial Calibration

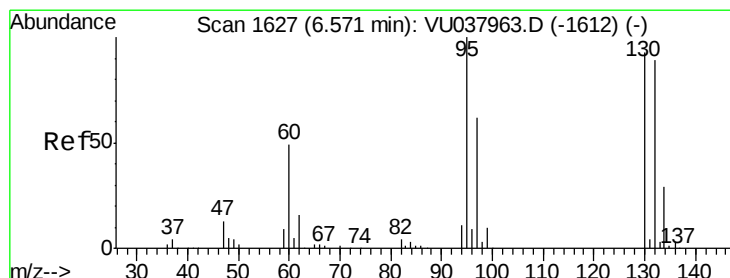
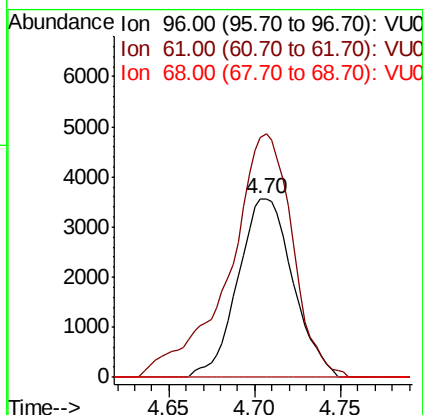
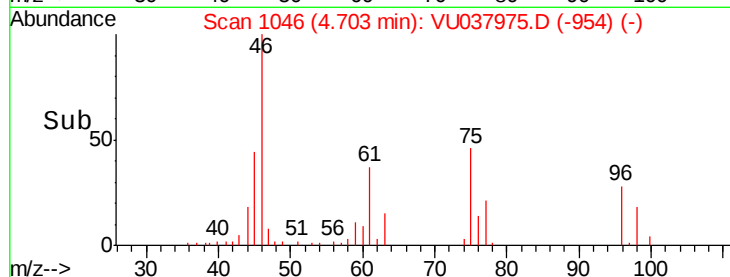
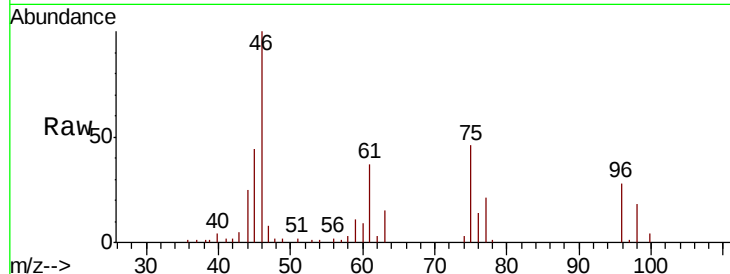




#20
 cis-1,2-Dichloroethene
 Concen: 1.399 ug/L
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU037975.D
 Acq: 01 May 2020 01:36

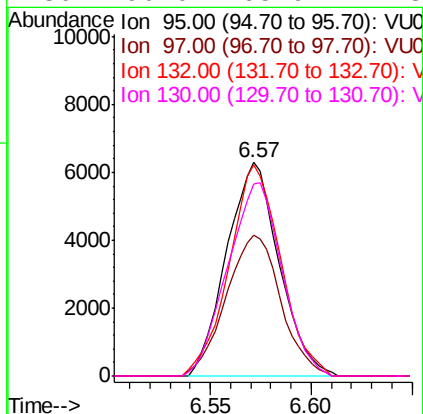
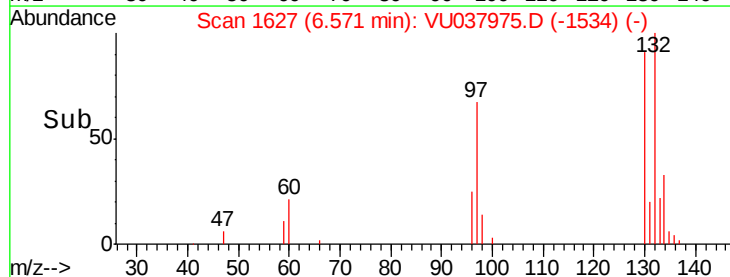
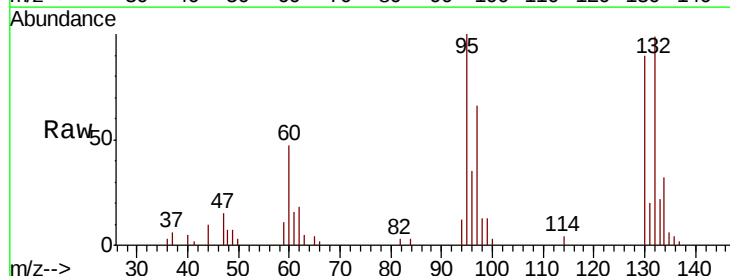
Instrument :
 MSVOA_U
 ClientSampleId :

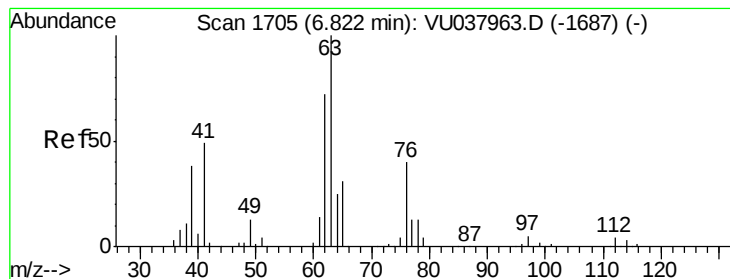
Tot Ion: 96 Resp: 7937
 Ion Ratio Lower Upper
 96 100
 61 134.0 93.9 174.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 2.118 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037975.D
 Acq: 01 May 2020 01:36

Tgt Ion: 95 Resp: 11461
 Ion Ratio Lower Upper
 95 100
 97 65.7 44.9 83.5
 132 98.7 63.2 117.4
 130 90.0 65.9 122.3





#37

1,2-Dichloropropane

Concen: 5.651 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU037975.D

Acq: 01 May 2020 01:36

Instrument :

MSVOA_U

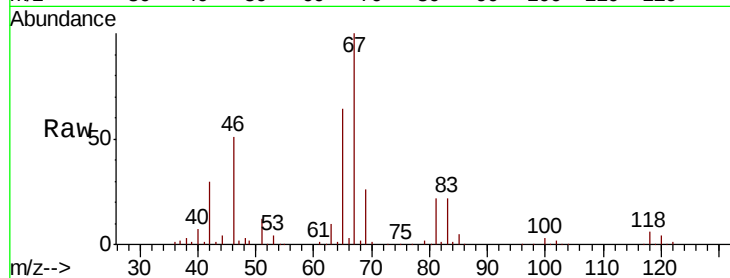
ClientSampleId :

Tot Ion: 63 Resp: 33717

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU037963.D (-1687) (-)

Ion 112.00 (111.70 to 112.70): VU037963.D (-1687) (-)

20000

15000

10000

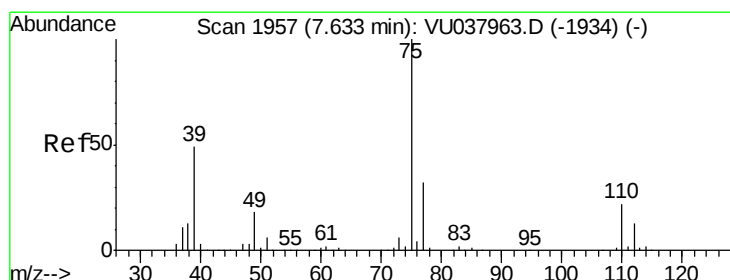
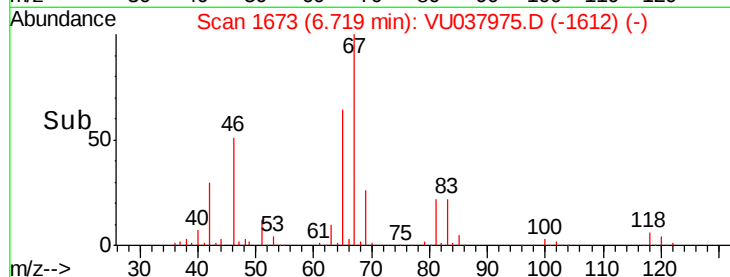
5000

0

6.65 6.70 6.75 6.80

6.72

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.896 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037975.D

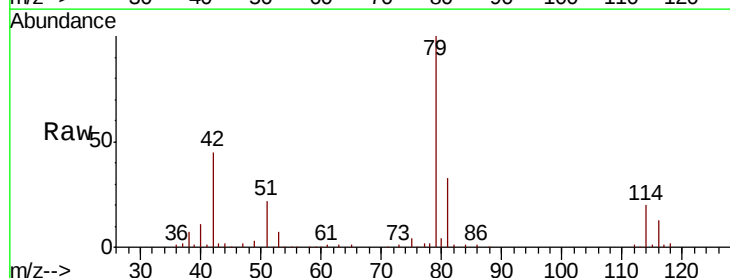
Acq: 01 May 2020 01:36

Tgt Ion: 75 Resp: 8196

Ion Ratio Lower Upper

75 100

77 49.9 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VU037963.D (-1934) (-)

Ion 77.00 (76.70 to 77.70): VU037963.D (-1934) (-)

5000

4000

3000

2000

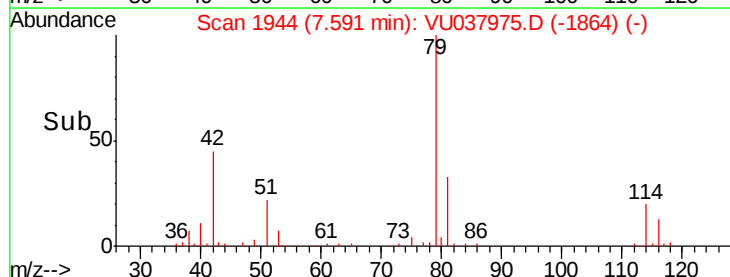
1000

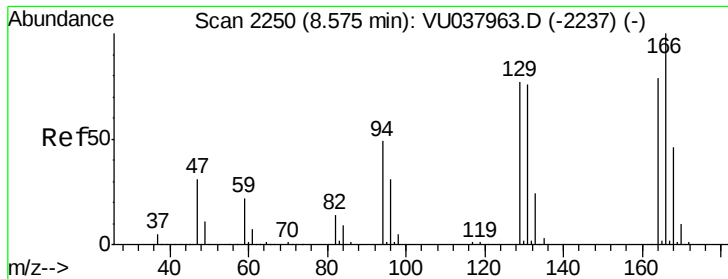
0

7.55 7.60

7.59

Time-->





#46

Tetrachloroethene

Concen: 78.580 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037975.D

Acq: 01 May 2020 01:36

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 310456

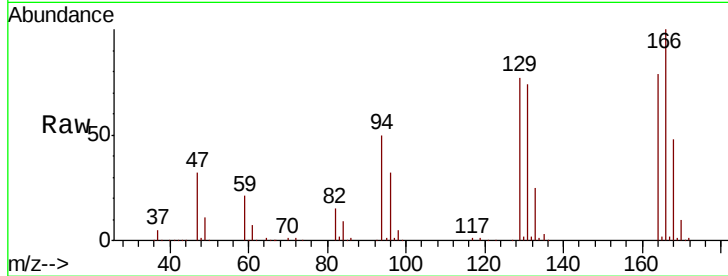
Ion Ratio Lower Upper

164 100

129 98.0 68.4 127.0

131 93.8 65.7 122.1

166 126.6 86.7 161.1

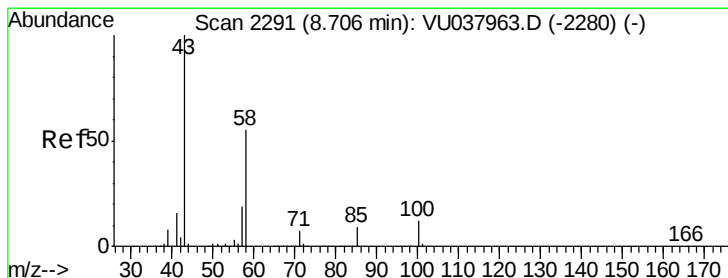
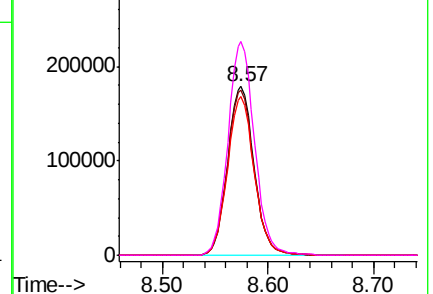
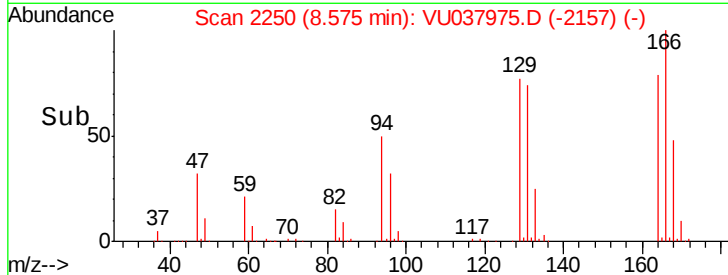


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.807 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU037975.D

Acq: 01 May 2020 01:36

Tgt Ion: 43 Resp: 46258

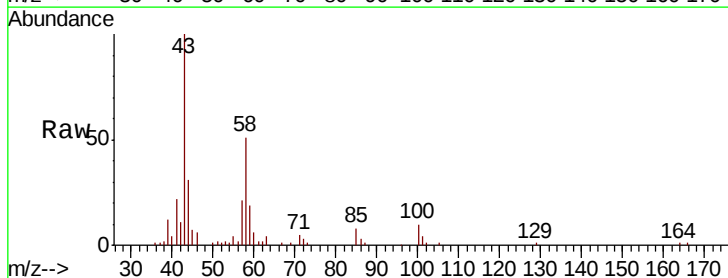
Ion Ratio Lower Upper

43 100

58 49.4 46.4 69.6

57 19.4 16.4 24.6

100 9.2 9.5 14.3#

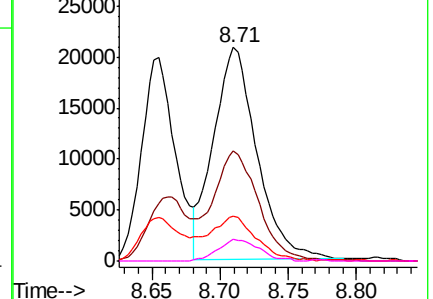
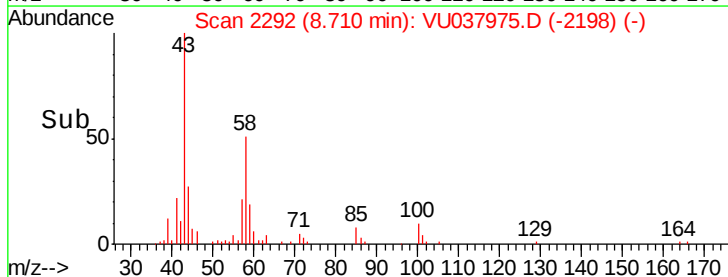


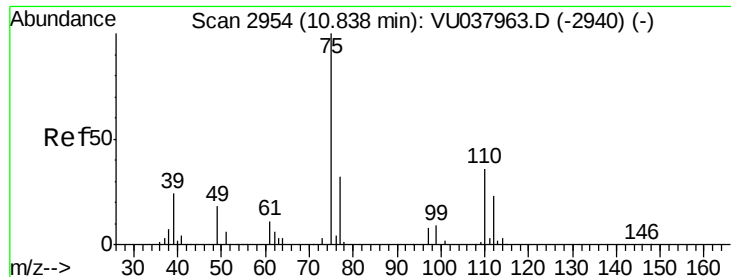
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.514 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037975.D

Acq: 01 May 2020 01:36

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 45617

Ion Ratio Lower Upper

75 100

77 34.7 25.4 38.2

