

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038903.D
 Acq On : 15 Jun 2020 19:51
 Operator : SY/MD
 Sample : L2975-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8P9DL

Quant Time: Jun 16 02:00:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 16 01:57:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	286415	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292962	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140760	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90316	6.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.60%
7) Chloroethane-d5	1.93	69	83253	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.80%
11) 1,1-Dichloroethene-d2	2.58	63	143222	4.14	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.68	46	327202	63.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.70%
24) Chloroform-d	5.10	84	189982	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.74	65	113344	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.76	84	377378	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.80%
36) 1,2-Dichloropropane-d6	6.72	67	114112	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.92	98	315330	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	8.20	79	47211	5.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.00%
46) 2-Hexanone-d5	8.67	63	275084	62.11	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105760	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	132873	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

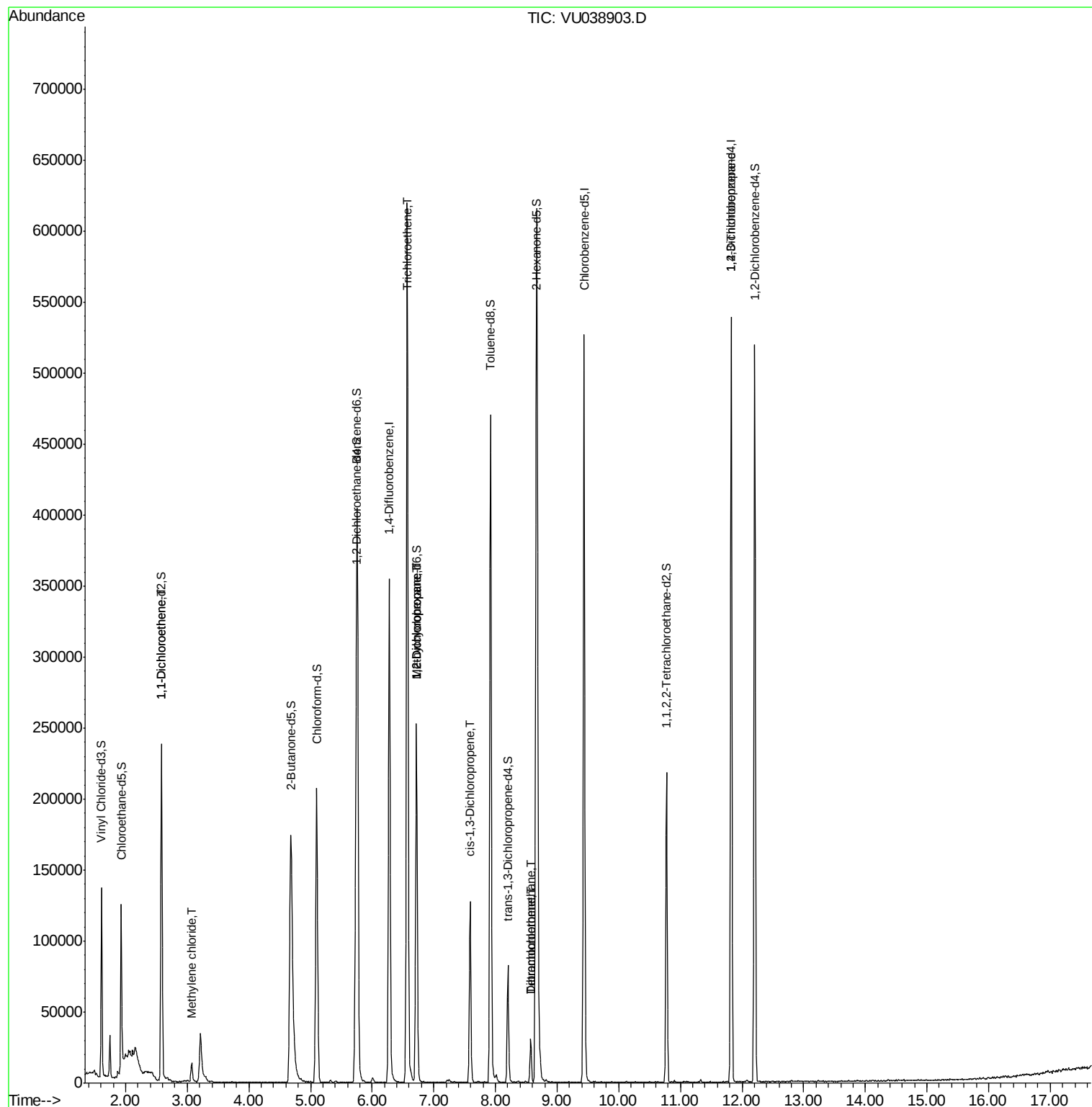
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1292	0.064 ug/L #	1
16) Methylene chloride	3.08	84	6284	0.270 ug/L	90
34) Trichloroethene	6.57	95	211829	9.323 ug/L	98
35) Methylcyclohexane	6.72	83	27678	0.818 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13429	0.598 ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	3696	0.115 ug/L	91
47) Tetrachloroethene	8.57	164	6837	0.393 ug/L	95
49) Dibromochloromethane	8.57	129	6538	0.328 ug/L #	9
59) 1,2,3-Trichloropropane	11.82	75	17628	1.019 ug/L	92

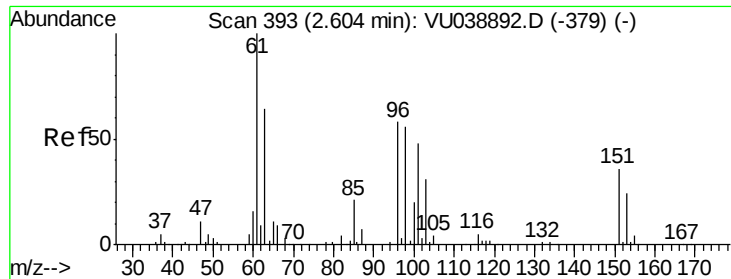
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU038903.D

Acq: 15 Jun 2020 19:51

Instrument :

MSVOA_U

ClientSampleId :

BF8P9DL

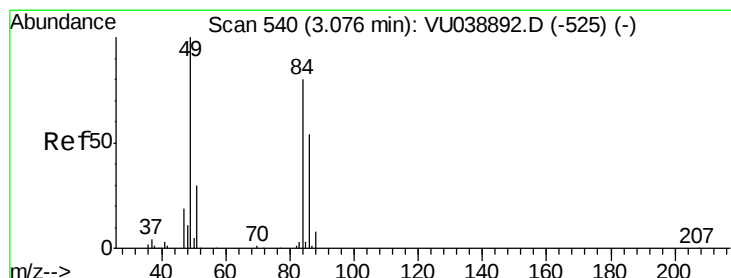
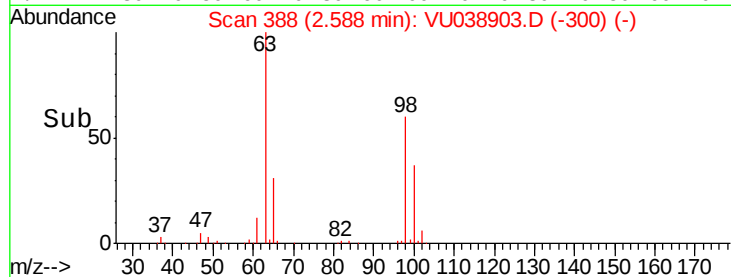
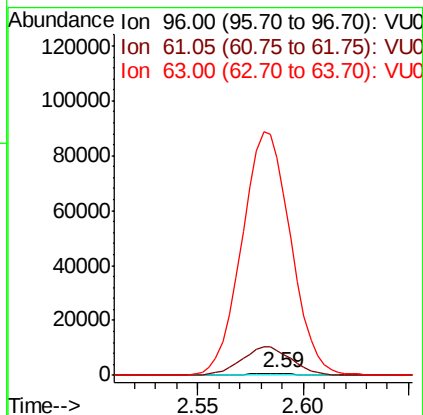
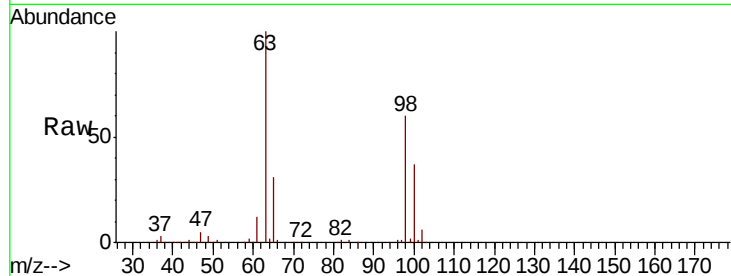
Tot Ion: 96 Resp: 1292

Ion Ratio Lower Upper

96 100

61 1155.0 124.9 232.1#

63 9941.0 79.1 146.9#



#16

Methylene chloride

Concen: 0.270 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU038903.D

Acq: 15 Jun 2020 19:51

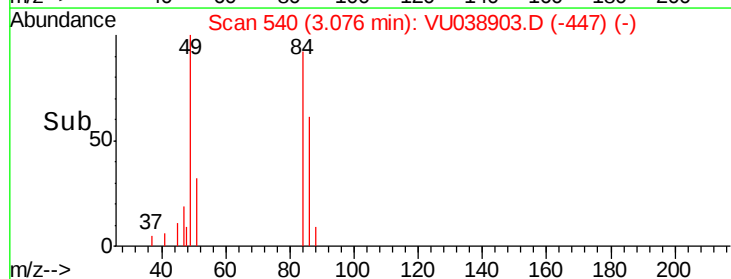
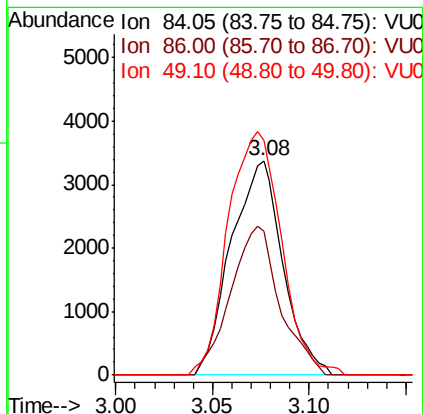
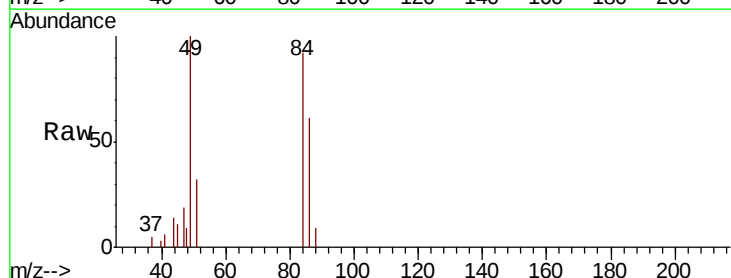
Tgt Ion: 84 Resp: 6284

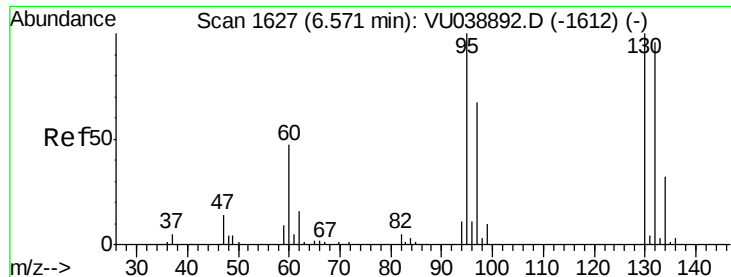
Ion Ratio Lower Upper

84 100

86 67.0 47.9 89.1

49 109.1 88.4 164.2

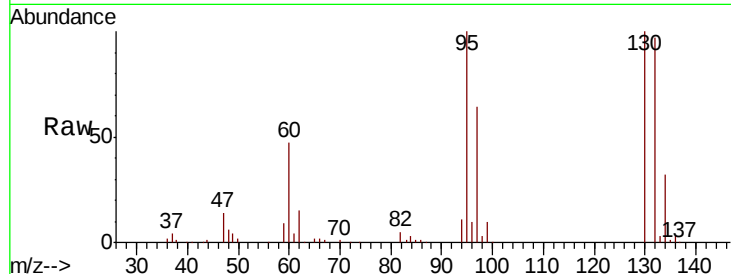




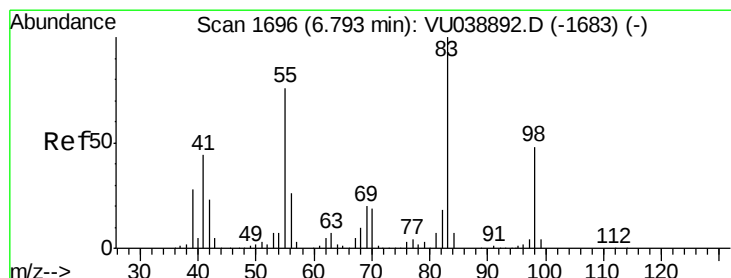
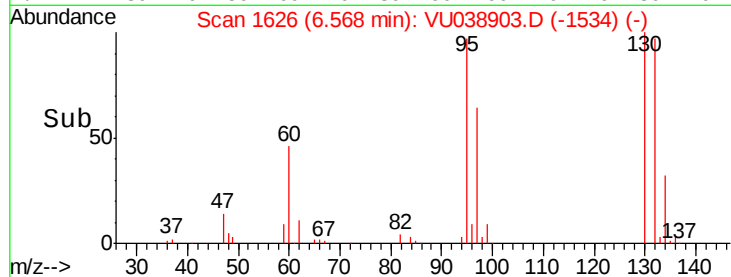
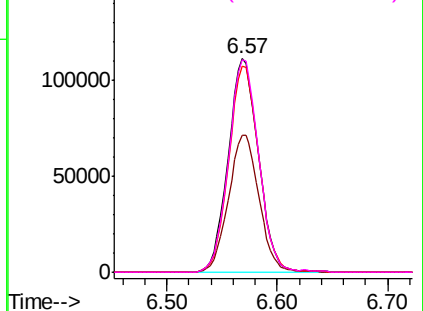
#34
 Trichloroethene
 Concen: 9.323 ug/L
 RT: 6.57 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: VU038903.D
 Acq: 15 Jun 2020 19:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8P9DL

Tot Ion:	95	Resp:	211829
Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.1	85.5
132	96.6	68.2	126.6
130	99.5	71.0	131.9

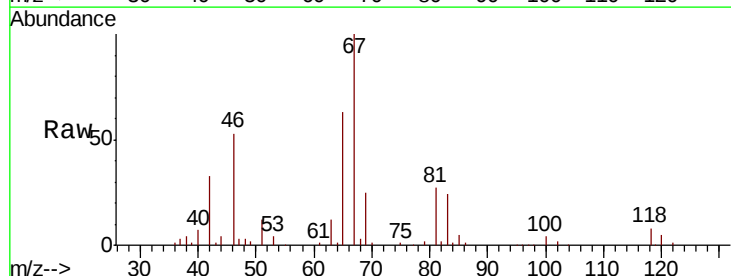


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

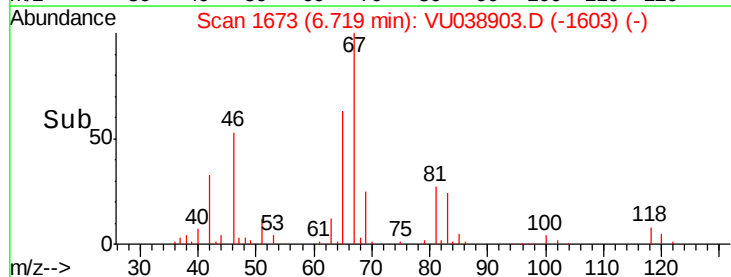
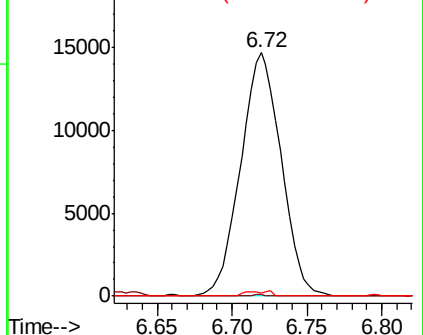


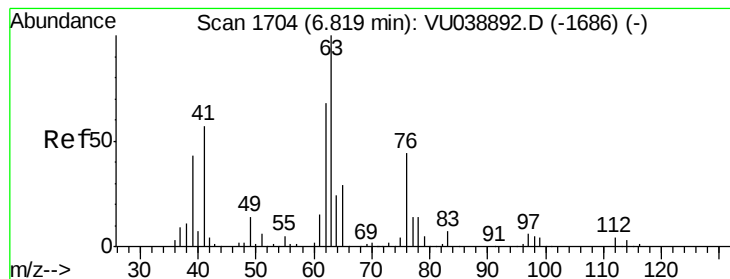
#35
 Methylcyclohexane
 Concen: 0.818 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.07 min
 Lab File: VU038903.D
 Acq: 15 Jun 2020 19:51

Tgt Ion:	83	Resp:	27678
Ion	Ratio	Lower	Upper
83	100		
55	0.2	63.6	95.4#
98	0.8	38.9	58.3#



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: 0.598 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038903.D

Acq: 15 Jun 2020 19:51

Instrument :

MSVOA_U

ClientSampleId :

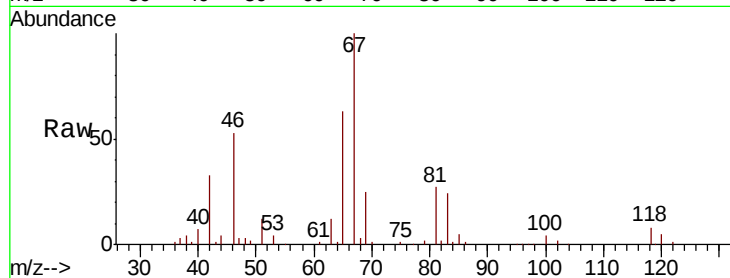
BF8P9DL

Tot Ion: 63 Resp: 13429

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU038892.D (-1686) (-)

Ion 112.10 (111.80 to 112.80): VU038892.D (-1686) (-)

6.72

8000

6000

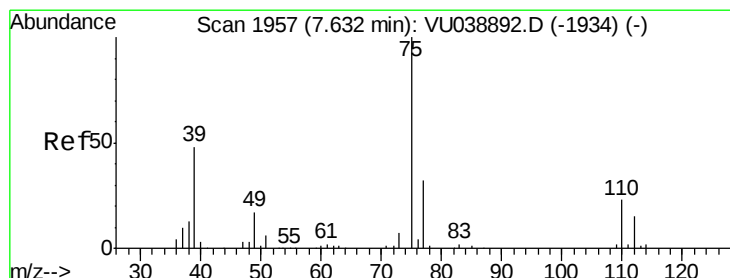
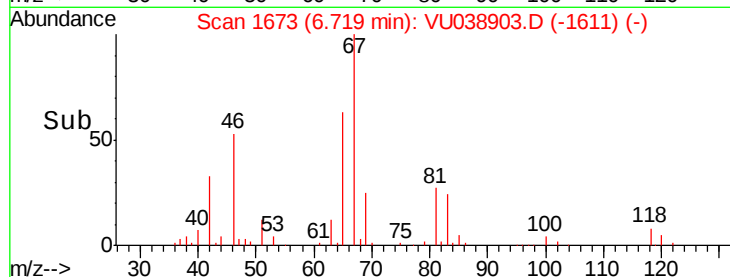
4000

2000

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038903.D

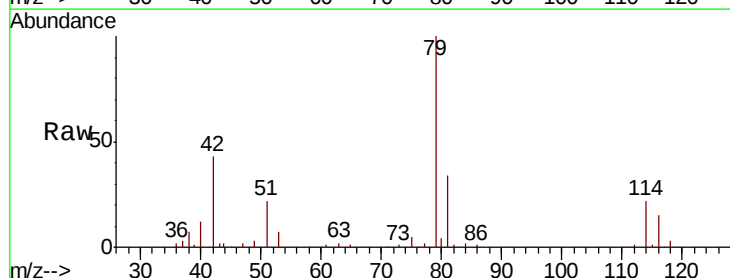
Acq: 15 Jun 2020 19:51

Tgt Ion: 75 Resp: 3696

Ion Ratio Lower Upper

75 100

77 38.0 23.0 42.6



Abundance Ion 75.05 (74.75 to 75.75): VU038892.D (-1934) (-)

Ion 77.05 (76.75 to 77.75): VU038892.D (-1934) (-)

7.59

2500

2000

1500

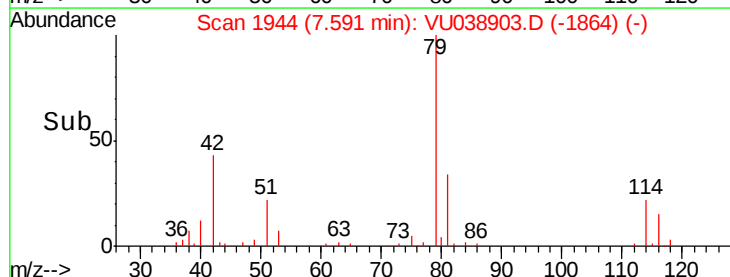
1000

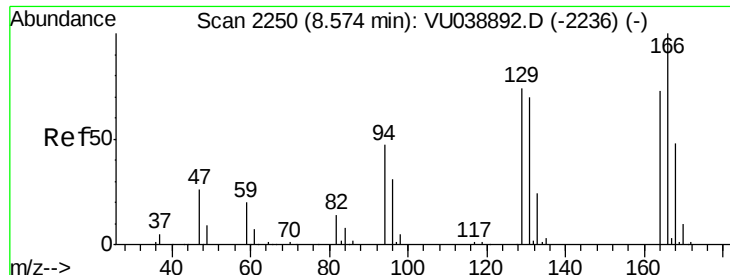
500

0

7.55 7.60 7.65

Time-->





#47

Tetrachloroethene

Concen: 0.393 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038903.D

Acq: 15 Jun 2020 19:51

Instrument :

MSVOA_U

ClientSampleId :

BF8P9DL

Tot Ion:164 Resp: 6837

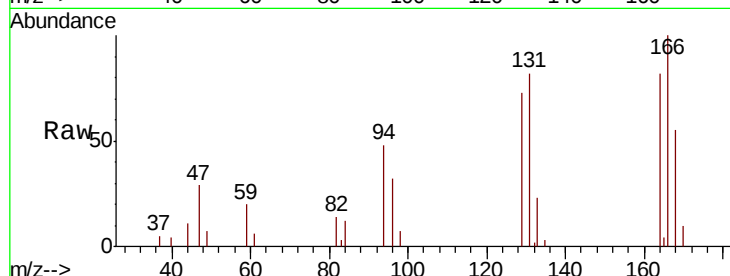
Ion Ratio Lower Upper

164 100

129 90.0 65.5 121.7

131 100.0 63.9 118.7

166 122.6 87.9 163.3

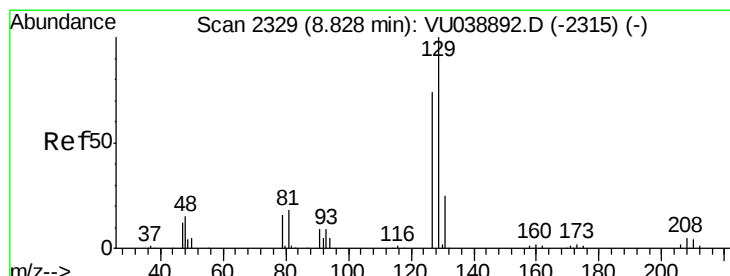
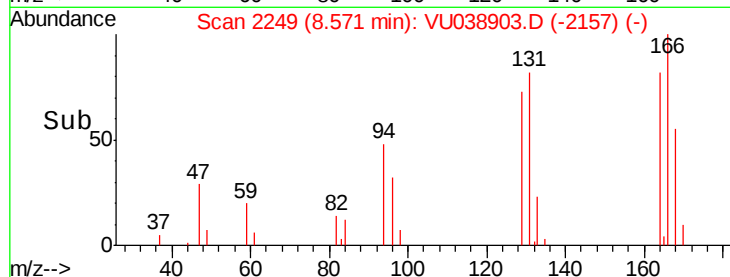
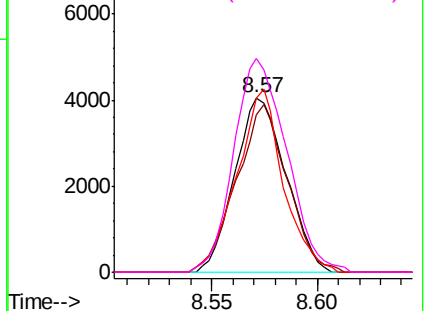


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 0.328 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.25 min

Lab File: VU038903.D

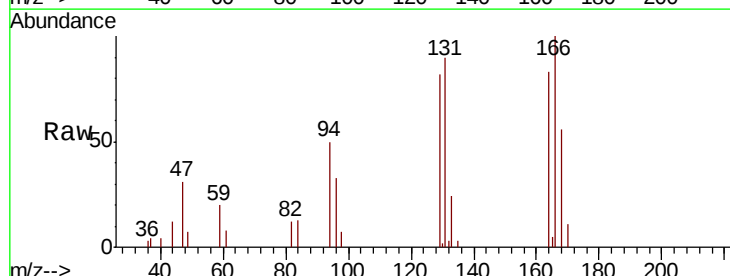
Acq: 15 Jun 2020 19:51

Tgt Ion:129 Resp: 6538

Ion Ratio Lower Upper

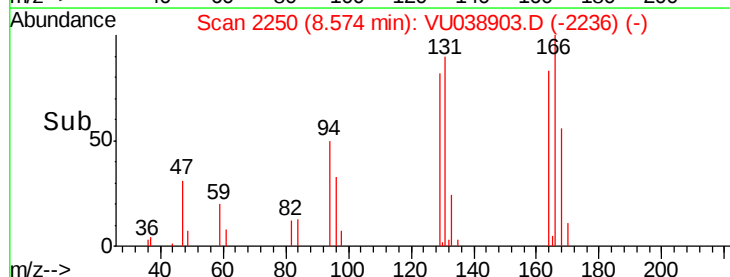
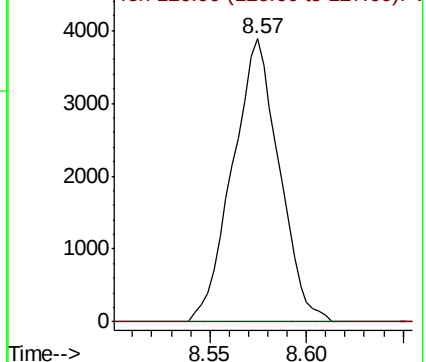
129 100

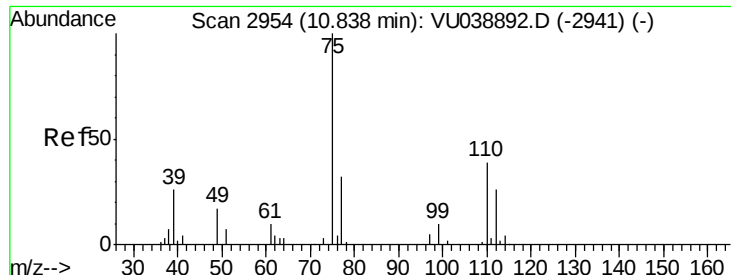
127 0.0 56.7 105.3#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.019 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038903.D

Acq: 15 Jun 2020 19:51

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MSVOA_U

ClientSampleId :

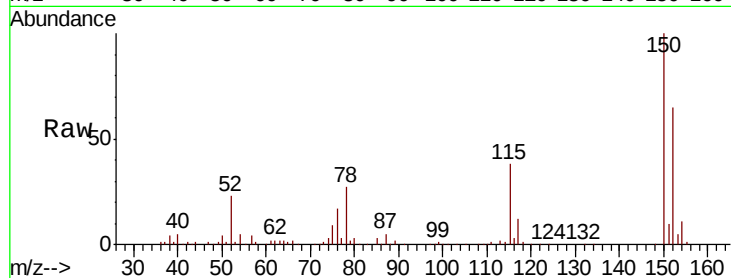
BF8P9DL

Tot Ion: 75 Resp: 17628

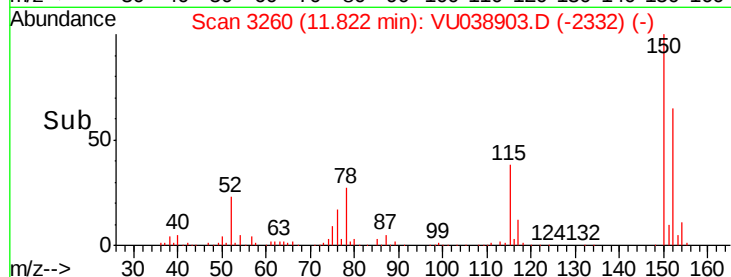
Ion Ratio Lower Upper

75 100

77 36.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0



Ion 77.00 (76.70 to 77.70): VU0

