

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038900.D
 Acq On : 15 Jun 2020 18:42
 Operator : SY/MD
 Sample : L2975-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8P7

Quant Time: Jun 16 02:00:07 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	256258	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	260815	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	115553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64138	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.93	69	68135	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.59	63	107521	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.68	46	300563	65.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.08%#
24) Chloroform-d	5.10	84	170563	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.74	65	102158	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
32) Benzene-d6	5.76	84	315775	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.72	67	102851	5.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.60%
41) Toluene-d8	7.92	98	254857	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.20	79	31218	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.65	63	235773	59.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	96918	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	110443	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

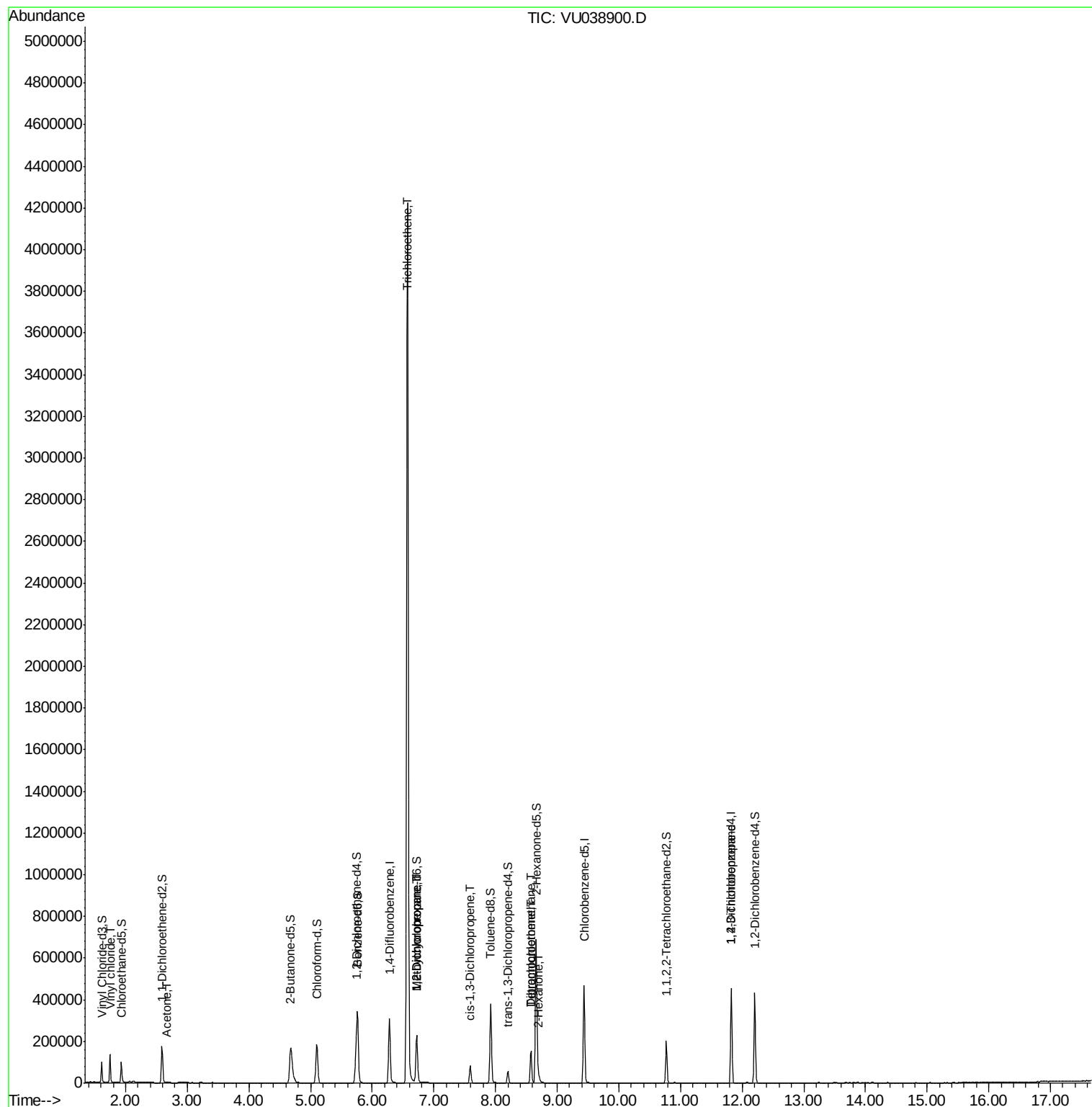
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.75	62	2638	0.120	ug/L	92
13) Acetone	2.68	43	9878	2.612	ug/L	95
34) Trichloroethene	6.57	95	1434190	70.898	ug/L	97
35) Methylcyclohexane	6.72	83	25345	0.841	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11946	0.598	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2186	0.076	ug/L #	54
47) Tetrachloroethene	8.57	164	33875	2.185	ug/L	98
48) 2-Hexanone	8.71	43	11768	1.089	ug/L #	87
49) Dibromochloromethane	8.57	129	33044	1.864	ug/L #	9
59) 1,2,3-Trichloropropane	11.82	75	14730	0.956	ug/L	89

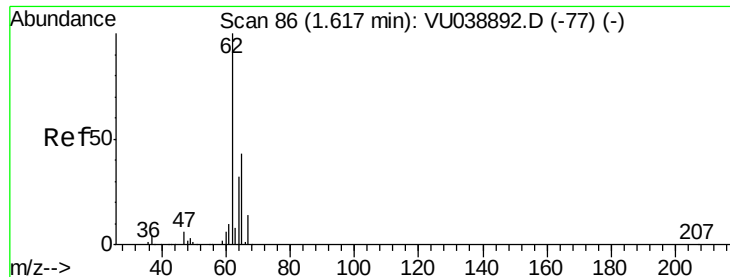
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 16 01:57:42 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.120 ug/L

RT: 1.75 min Scan# 126

Delta R.T. 0.13 min

Lab File: VU038900.D

Acq: 15 Jun 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

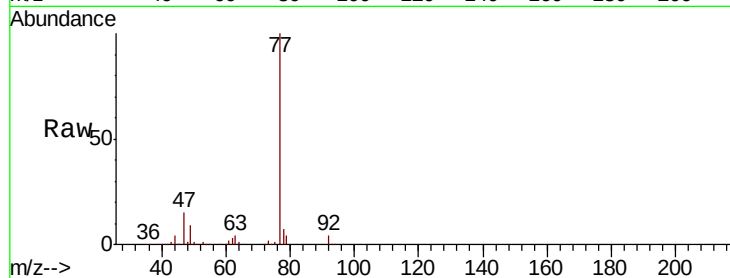
BF8P7

Tot Ion: 62 Resp: 2638

Ion Ratio Lower Upper

62 100

64 27.0 22.2 41.2



Abundance Ion 62.00 (61.70 to 62.70): VU038892.D (-77) (-)

Ion 64.10 (63.80 to 64.80): VU038892.D (-77) (-)

1.75

2000

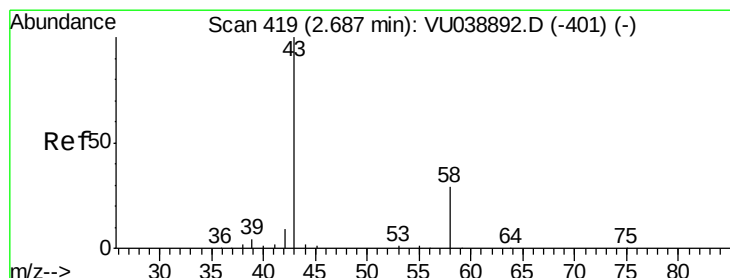
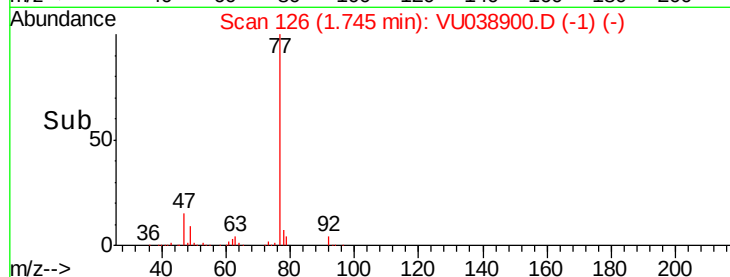
1500

1000

500

0

Time-->



#13

Acetone

Concen: 2.612 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU038900.D

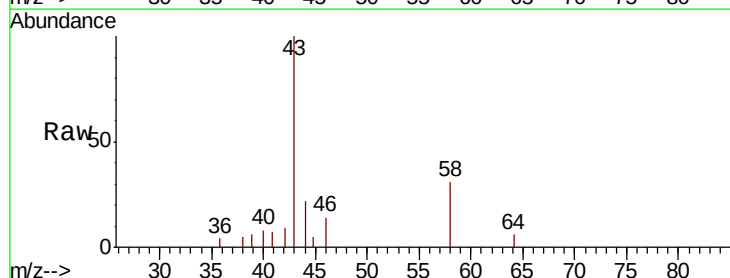
Acq: 15 Jun 2020 18:42

Tgt Ion: 43 Resp: 9878

Ion Ratio Lower Upper

43 100

58 29.9 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038892.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038892.D (-401) (-)

2.68

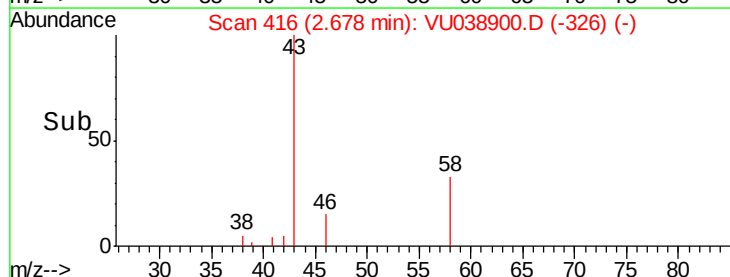
3000

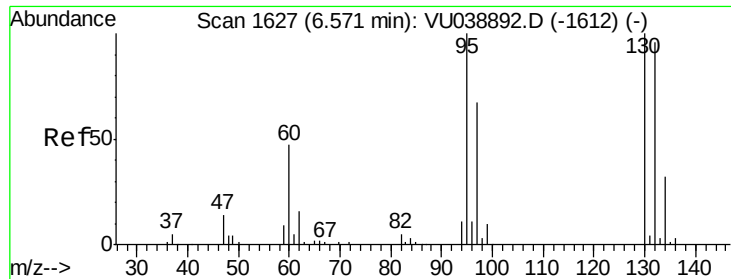
2000

1000

0

Time-->





#34

Trichloroethene

Concen: 70.898 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038900.D

Acq: 15 Jun 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

BF8P7

Tot Ion: 95 Resp: 1434190

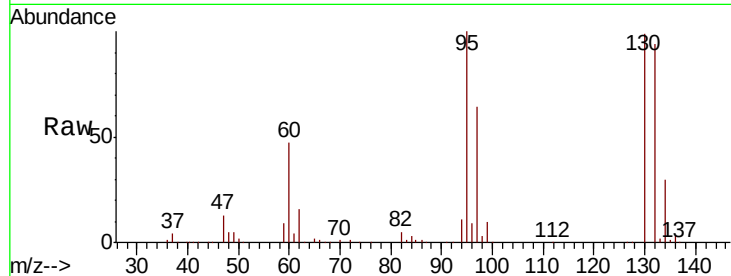
Ion Ratio Lower Upper

95 100

97 64.3 46.1 85.5

132 94.5 68.2 126.6

130 99.0 71.0 131.9

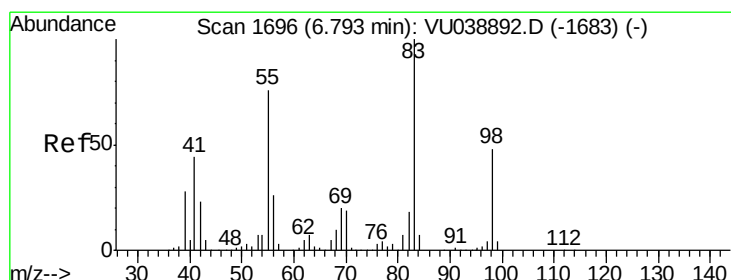
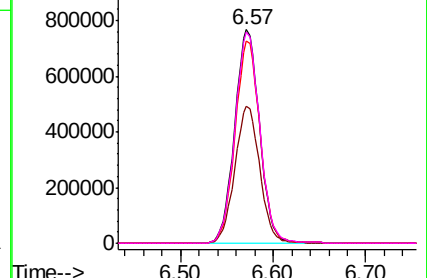
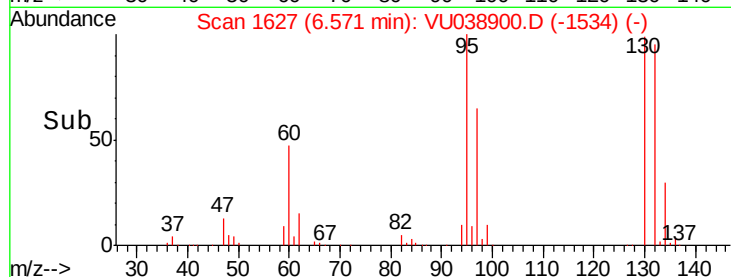


Abundance Ion 95.00 (94.70 to 95.70): VU038892.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU038892.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU038892.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU038892.D (-1612) (-)



#35

Methylcyclohexane

Concen: 0.841 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038900.D

Acq: 15 Jun 2020 18:42

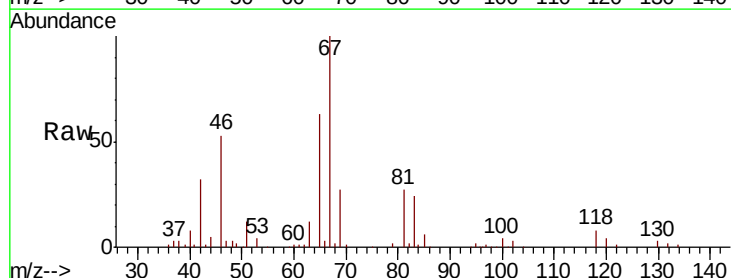
Tgt Ion: 83 Resp: 25345

Ion Ratio Lower Upper

83 100

55 0.1 63.6 95.4#

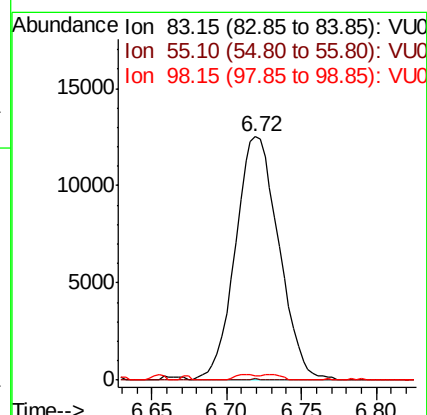
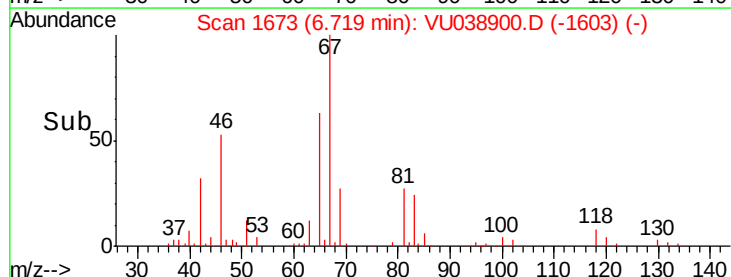
98 0.0 38.9 58.3#

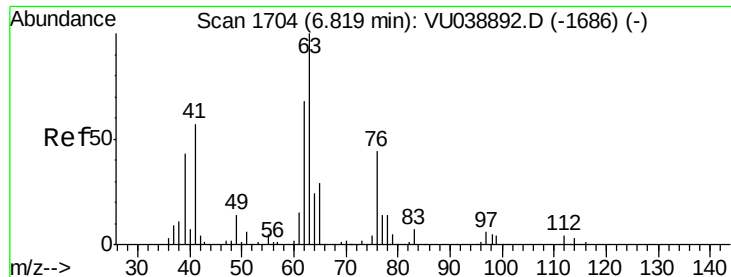


Abundance Ion 83.15 (82.85 to 83.85): VU038892.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU038892.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU038892.D (-1683) (-)

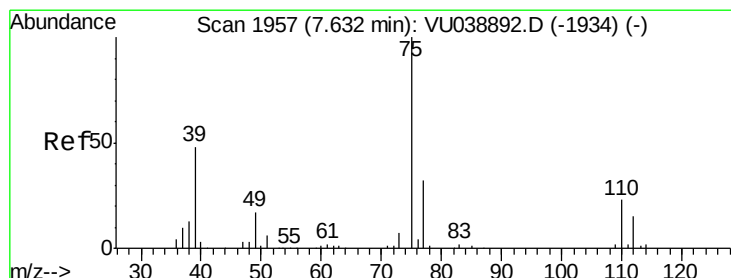
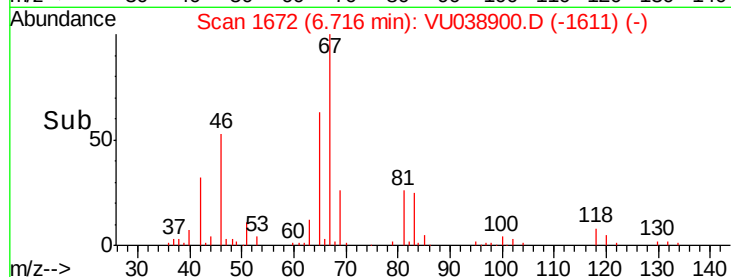
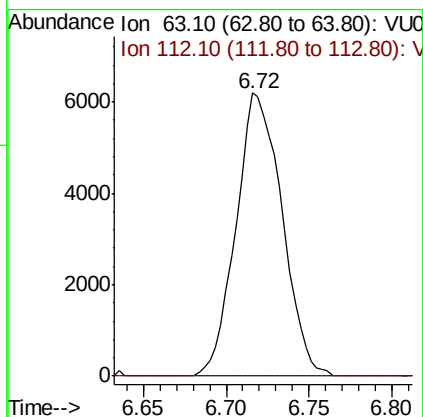
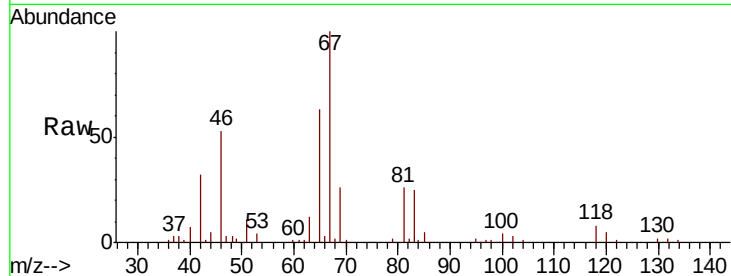




#37
 1,2-Dichloropropane
 Concen: 0.598 ug/L
 RT: 6.72 min Scan# 1672
 Delta R.T. -0.10 min
 Lab File: VU038900.D
 Acq: 15 Jun 2020 18:42

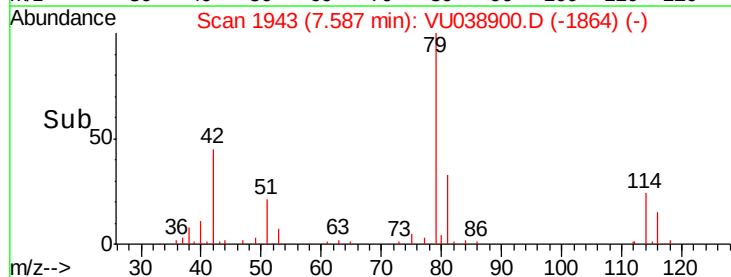
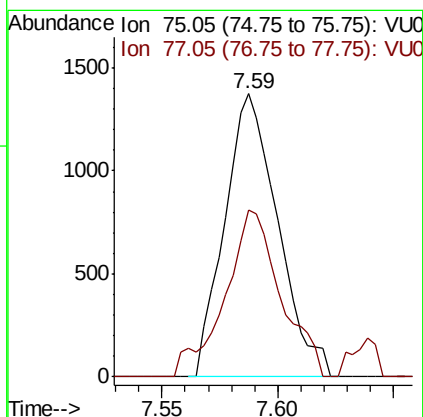
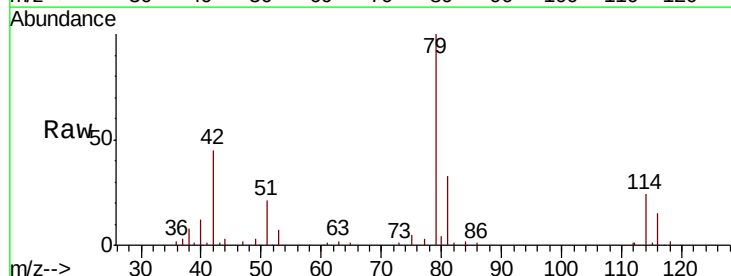
Instrument :
 MSVOA_U
 ClientSampleId :
 BF8P7

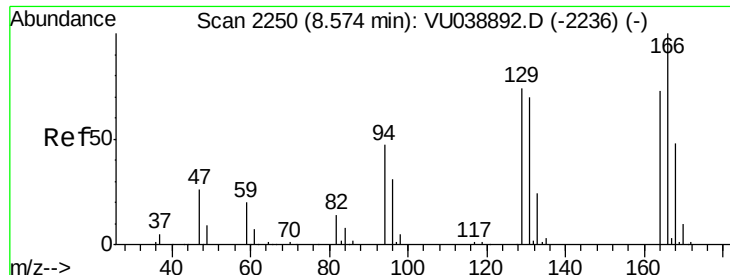
Tot Ion: 63 Resp: 11946
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038900.D
 Acq: 15 Jun 2020 18:42

Tgt Ion: 75 Resp: 2186
 Ion Ratio Lower Upper
 75 100
 77 59.0 23.0 42.6#





#47

Tetrachloroethene

Concen: 2.185 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038900.D

Acq: 15 Jun 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

BF8P7

Tot Ion:164 Resp: 33875

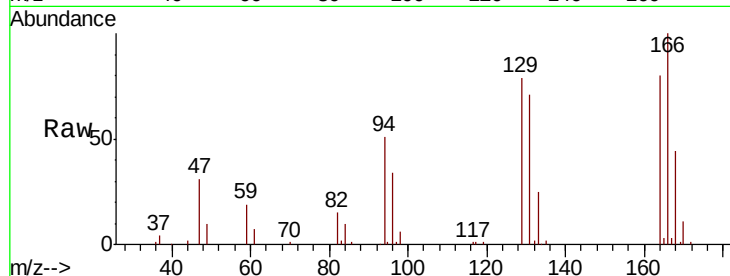
Ion Ratio Lower Upper

164 100

129 98.2 65.5 121.7

131 88.6 63.9 118.7

166 125.0 87.9 163.3

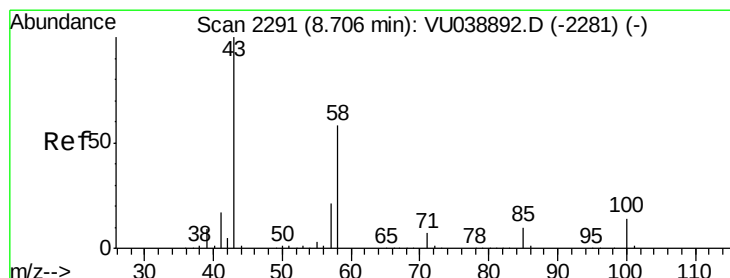
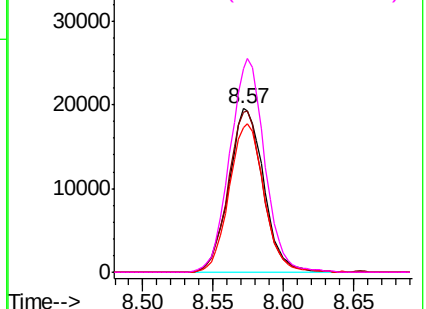
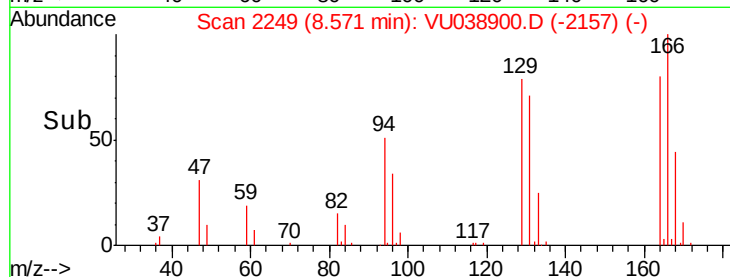


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 1.089 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038900.D

Acq: 15 Jun 2020 18:42

Tgt Ion: 43 Resp: 11768

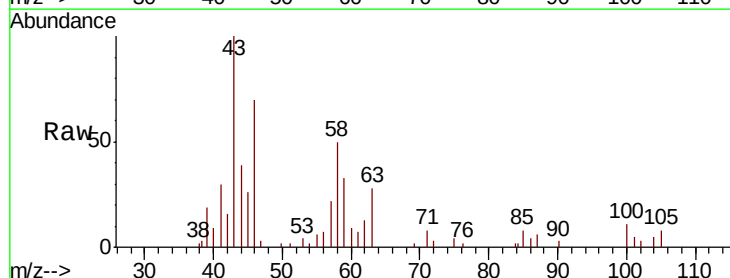
Ion Ratio Lower Upper

43 100

58 45.0 45.4 68.2#

57 16.7 16.4 24.6

100 9.6 10.6 15.8#

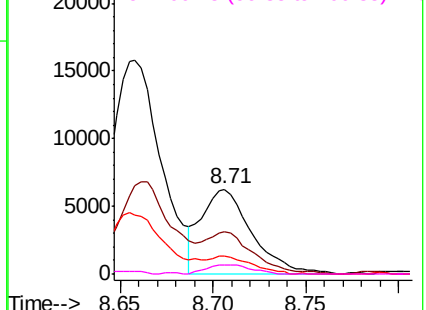
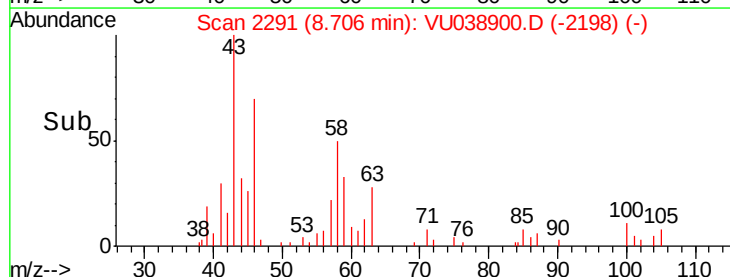


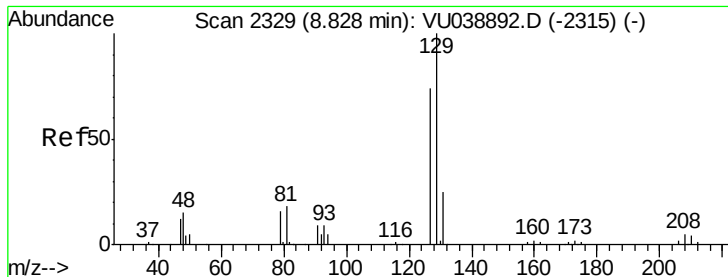
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 1.864 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.25 min

Lab File: VU038900.D

Acq: 15 Jun 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

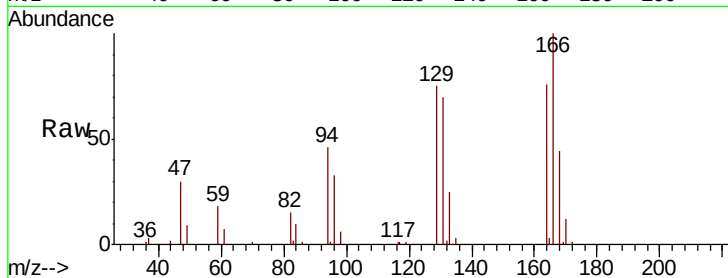
BF8P7

Tot Ion:129 Resp: 33044

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

8.57

20000

15000

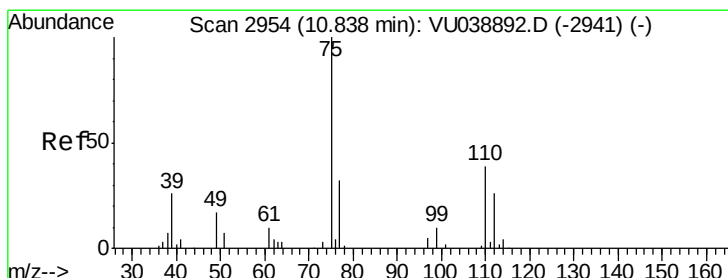
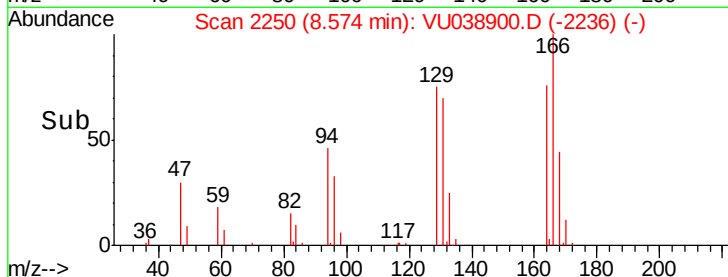
10000

5000

0

8.50 8.55 8.60 8.65

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.956 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038900.D

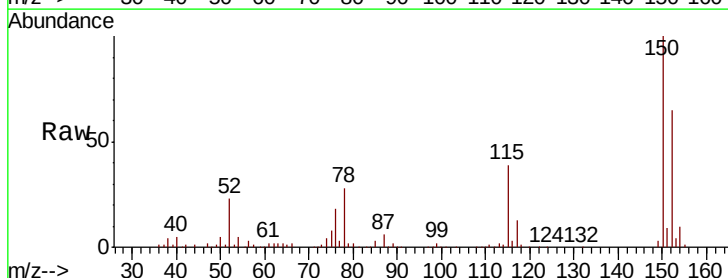
Acq: 15 Jun 2020 18:42

Tgt Ion: 75 Resp: 14730

Ion Ratio Lower Upper

75 100

77 38.3 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.82

10000

8000

6000

4000

2000

0

11.80 11.85

Time-->

