

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038901.D
 Acq On : 15 Jun 2020 19:05
 Operator : SY/MD
 Sample : L2975-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8P8

Quant Time: Jun 16 02:00:16 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	233362	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	231745	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	101449	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60821	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.93	69	67735	5.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.60%
11) 1,1-Dichloroethene-d2	2.59	63	100366	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.67	46	288234	68.49	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.98%#
24) Chloroform-d	5.10	84	165232	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
26) 1,2-Dichloroethane-d4	5.74	65	99593	6.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.00%
32) Benzene-d6	5.76	84	301835	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.00%
36) 1,2-Dichloropropane-d6	6.72	67	99002	6.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	123.20%
41) Toluene-d8	7.92	98	233844	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	8.20	79	28633	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.65	63	228103	65.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.20%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	91563	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	100909	5.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.40%

Target Compounds

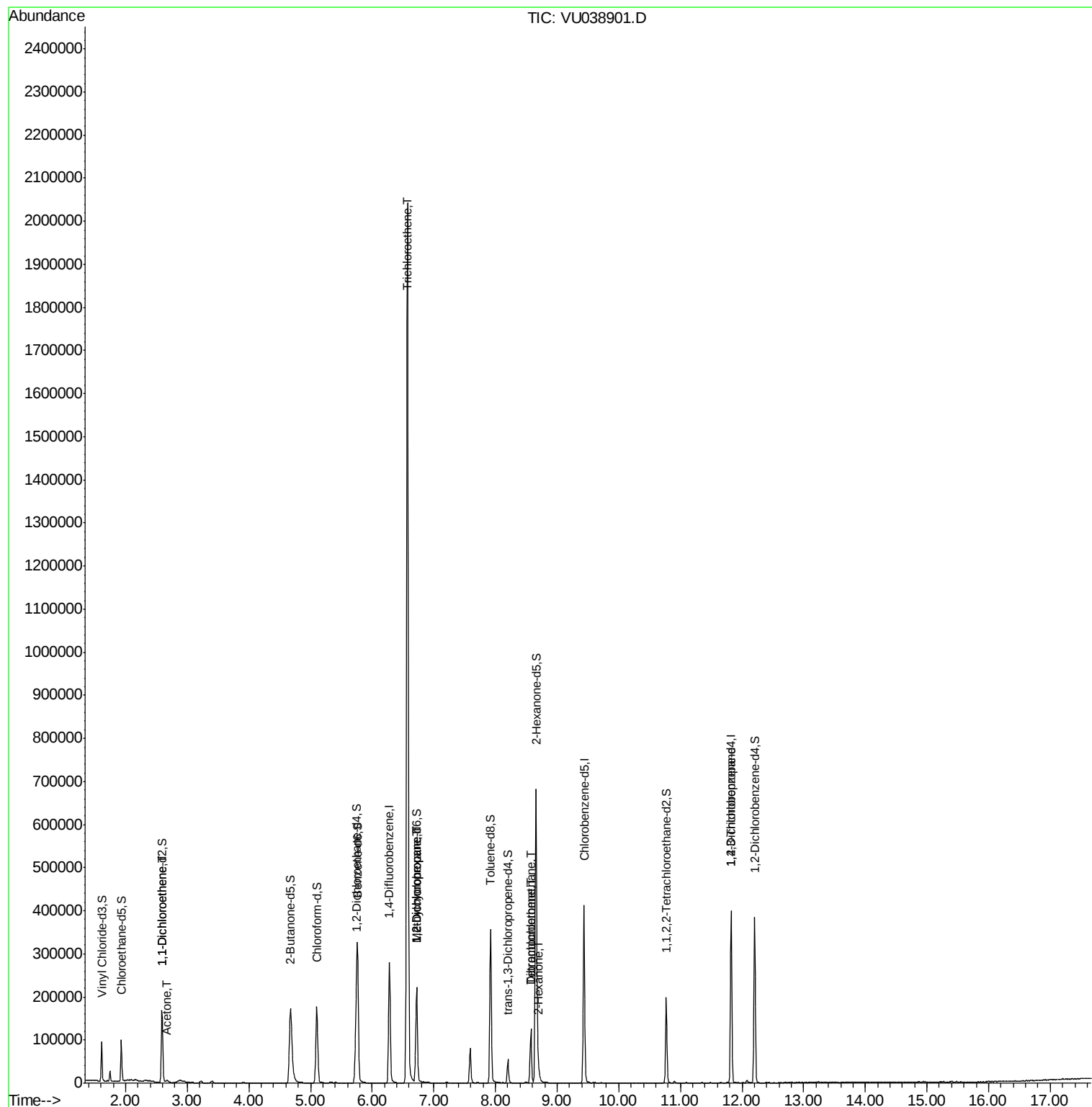
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1075	0.065	ug/L #	1
13) Acetone	2.67	43	9367	2.720	ug/L	99
34) Trichloroethene	6.57	95	698871	38.882	ug/L	97
35) Methylcyclohexane	6.72	83	23383	0.873	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11778	0.663	ug/L #	87
47) Tetrachloroethene	8.57	164	27467	1.994	ug/L	98
48) 2-Hexanone	8.70	43	10350	1.078	ug/L #	94
49) Dibromochloromethane	8.57	129	27642	1.755	ug/L #	9
59) 1,2,3-Trichloropropane	11.82	75	13073	0.955	ug/L	91

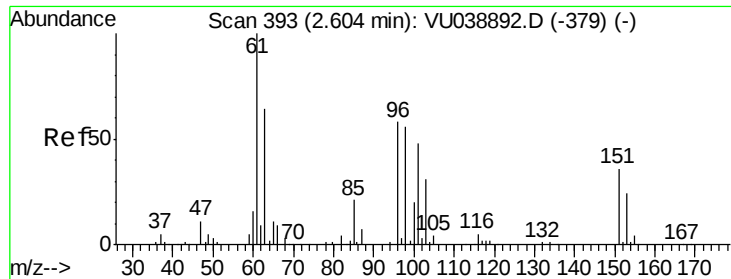
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038901.D

Acq: 15 Jun 2020 19:05

Instrument :

MSVOA_U

ClientSampled :

BF8P8

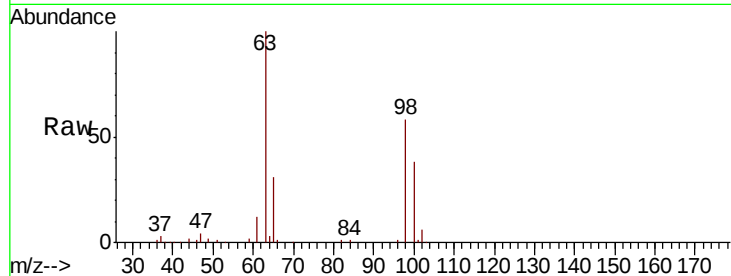
Tot Ion: 96 Resp: 1075

Ion Ratio Lower Upper

96 100

61 1005.3 124.9 232.1#

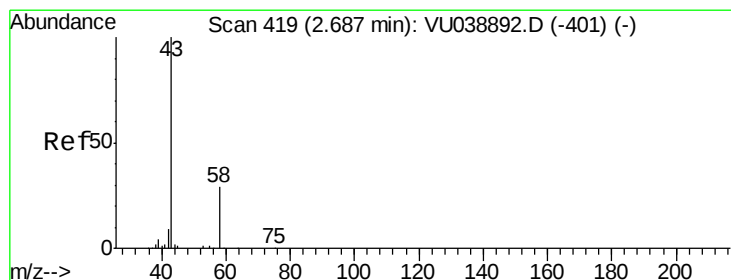
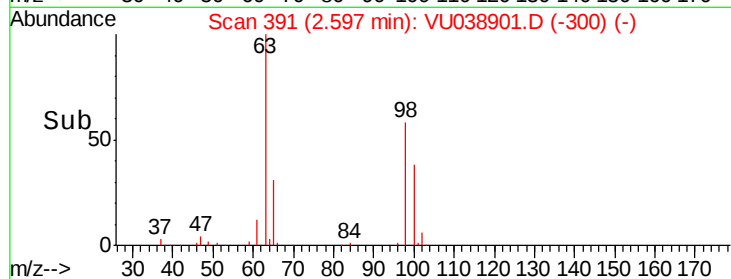
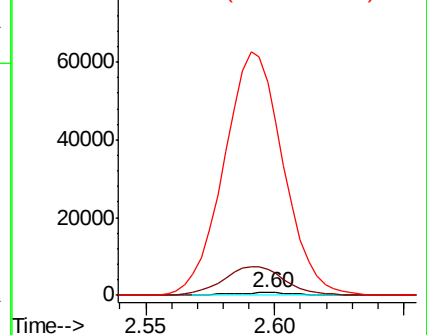
63 8237.0 79.1 146.9#



Abundance Ion 96.00 (95.70 to 96.70): VU038892.D (-379) (-)

Ion 61.05 (60.75 to 61.75): VU038892.D (-379) (-)

Ion 63.00 (62.70 to 63.70): VU038892.D (-379) (-)



#13

Acetone

Concen: 2.720 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU038901.D

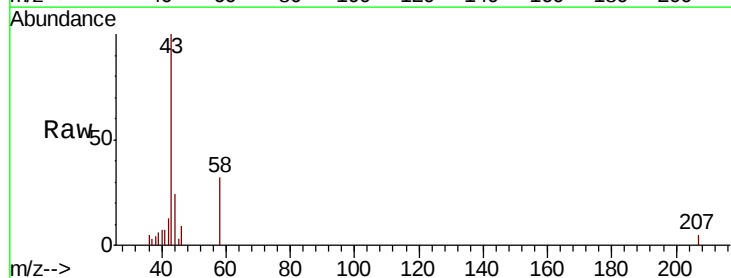
Acq: 15 Jun 2020 19:05

Tgt Ion: 43 Resp: 9367

Ion Ratio Lower Upper

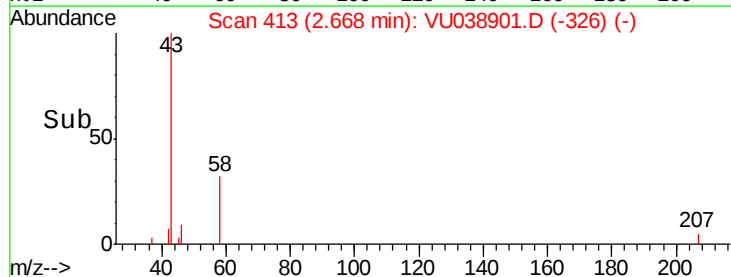
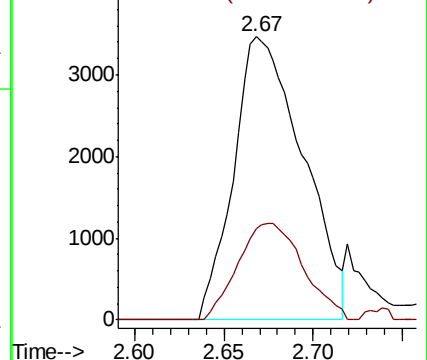
43 100

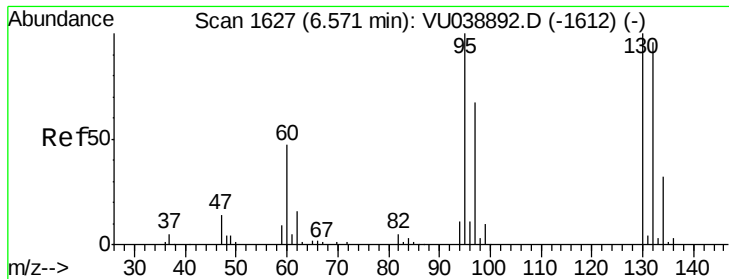
58 32.2 0.0 65.6



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

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

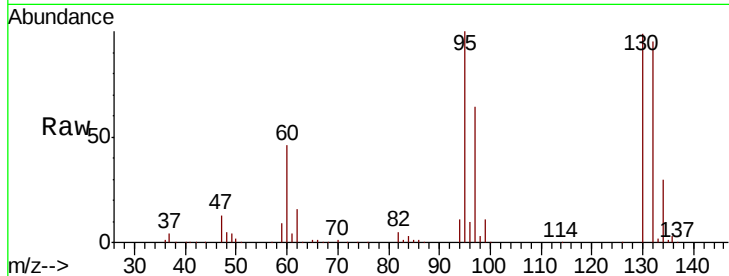




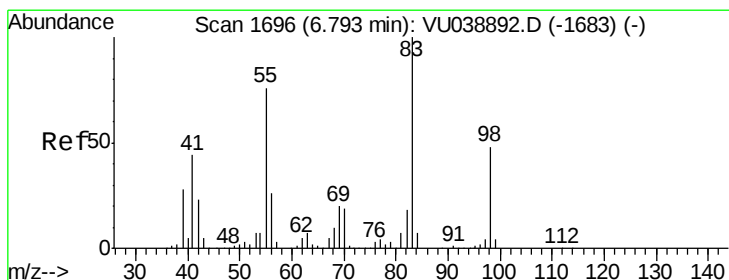
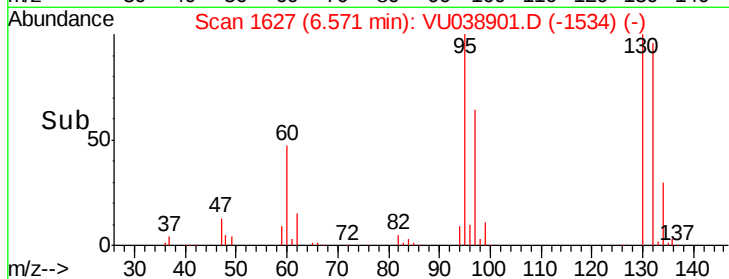
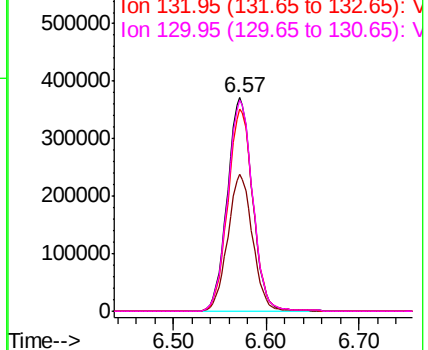
#34
 Trichloroethene
 Concen: 38.882 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038901.D
 Acq: 15 Jun 2020 19:05

Instrument :
 MSVOA_U
 ClientSampled :
 BF8P8

Tot Ion:	95	Resp:	698871
Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.1	85.5
132	94.8	68.2	126.6
130	99.0	71.0	131.9

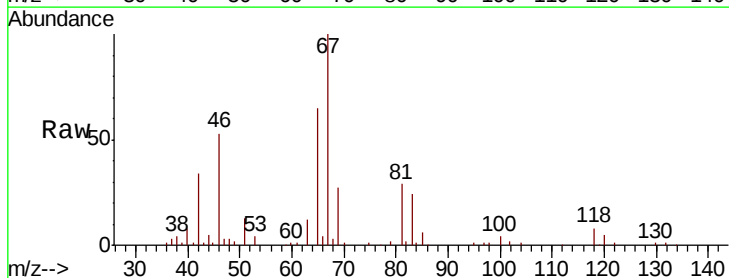


Abundance Ion 95.00 (94.70 to 95.70): VU038892.D (-1612) (-)
 Ion 96.95 (96.65 to 97.65): VU038892.D (-1612) (-)
 Ion 131.95 (131.65 to 132.65): VU038892.D (-1612) (-)
 Ion 129.95 (129.65 to 130.65): VU038892.D (-1612) (-)

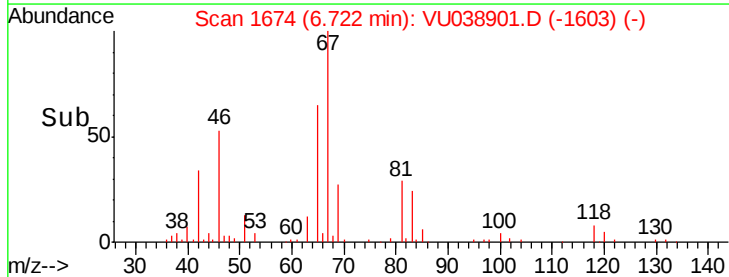
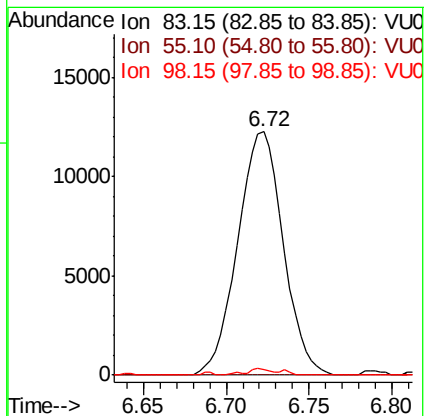


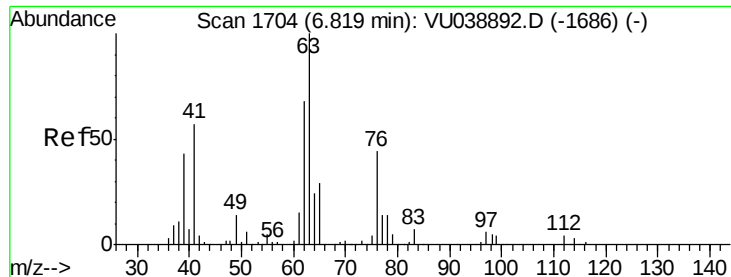
#35
 Methylcyclohexane
 Concen: 0.873 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU038901.D
 Acq: 15 Jun 2020 19:05

Tgt Ion:	83	Resp:	23383
Ion	Ratio	Lower	Upper
83	100		
55	0.0	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: 0.663 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038901.D

Acq: 15 Jun 2020 19:05

Instrument :

MSVOA_U

ClientSampleId :

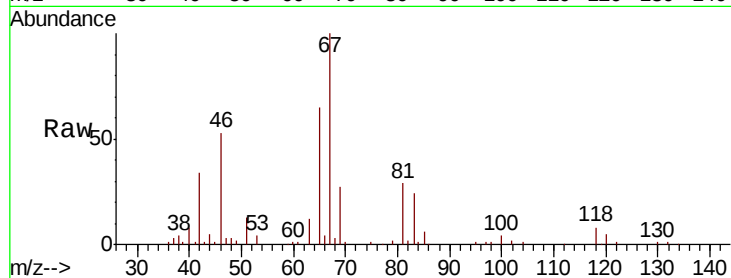
BF8P8

Tot Ion: 63 Resp: 11778

Ion Ratio Lower Upper

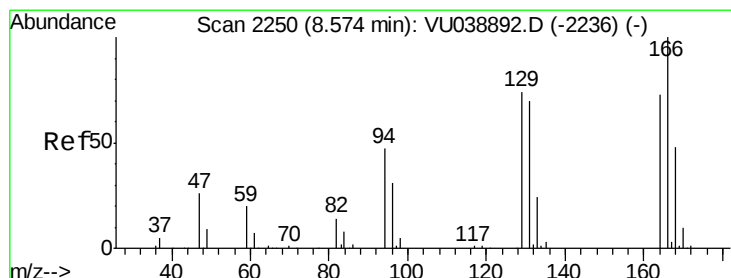
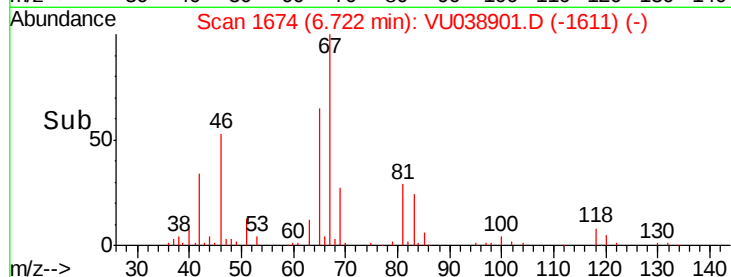
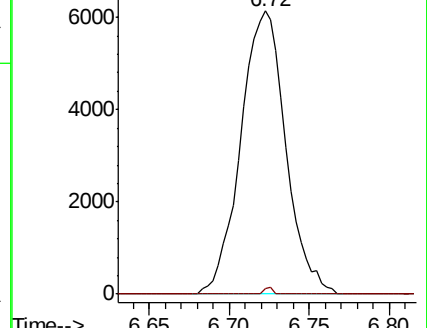
63 100

112 0.5 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) (-)



#47

Tetrachloroethene

Concen: 1.994 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038901.D

Acq: 15 Jun 2020 19:05

Tgt Ion:164 Resp: 27467

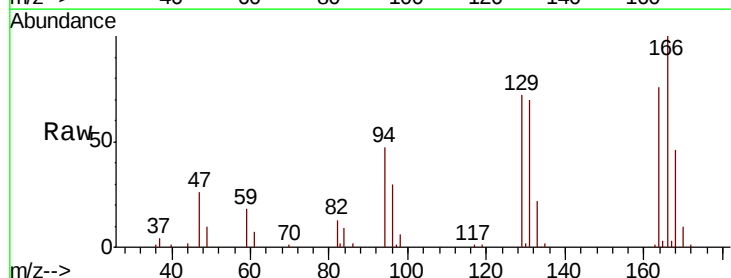
Ion Ratio Lower Upper

164 100

129 94.7 65.5 121.7

131 91.6 63.9 118.7

166 130.8 87.9 163.3

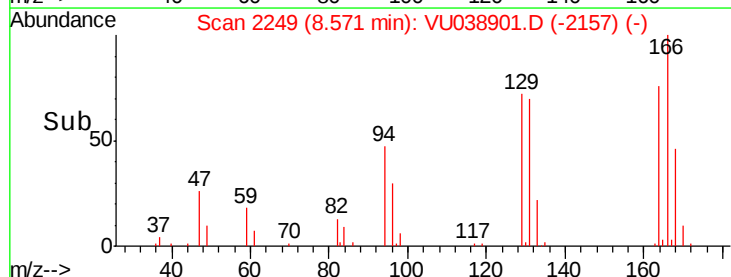
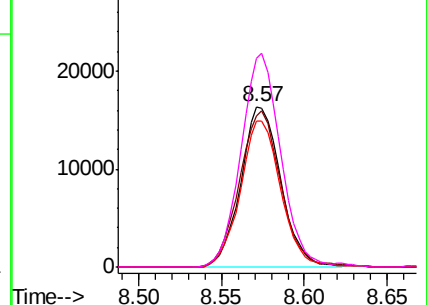


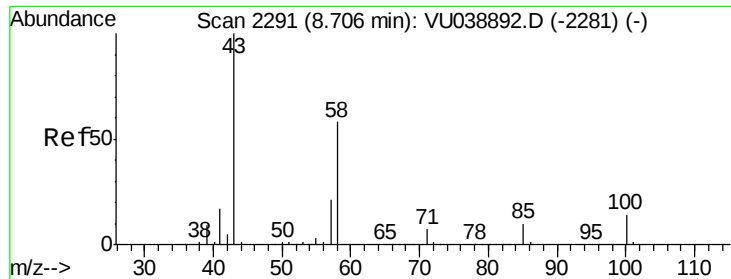
Abundance Ion 163.90 (163.60 to 164.60): VU038892.D (-2236) (-)

Ion 128.95 (128.65 to 129.65): VU038892.D (-2236) (-)

Ion 130.95 (130.65 to 131.65): VU038892.D (-2236) (-)

Ion 165.90 (165.60 to 166.60): VU038892.D (-2236) (-)

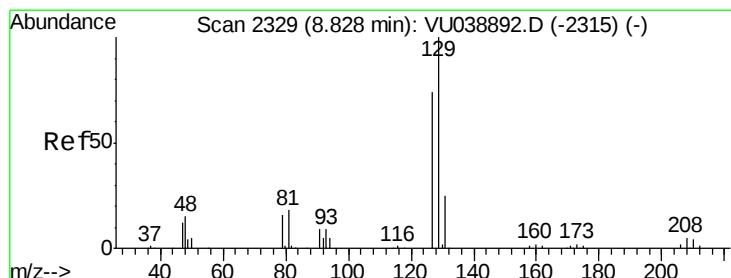
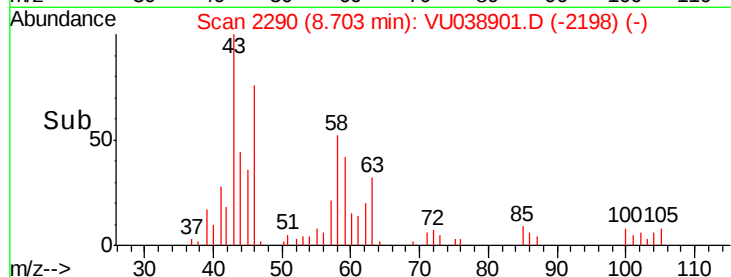
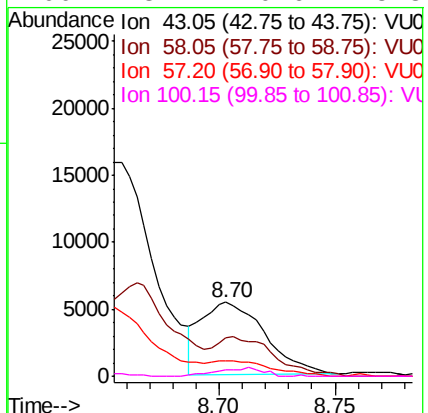
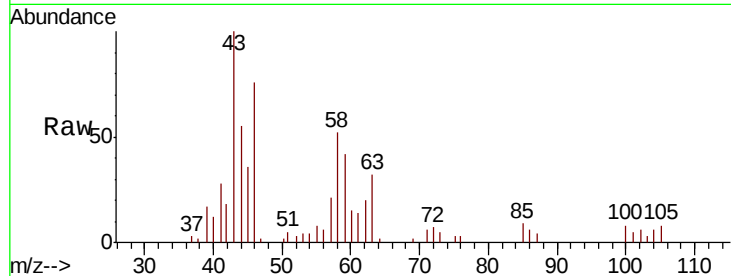




#48
2-Hexanone
Concen: 1.078 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU038901.D
Acq: 15 Jun 2020 19:05

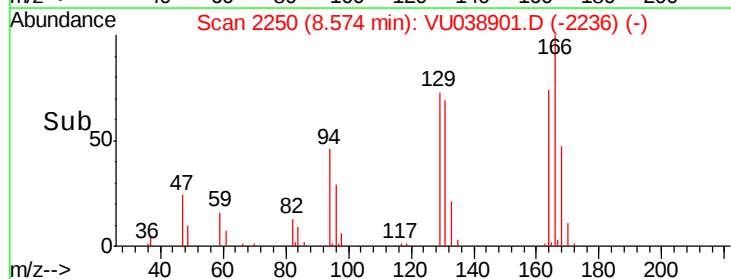
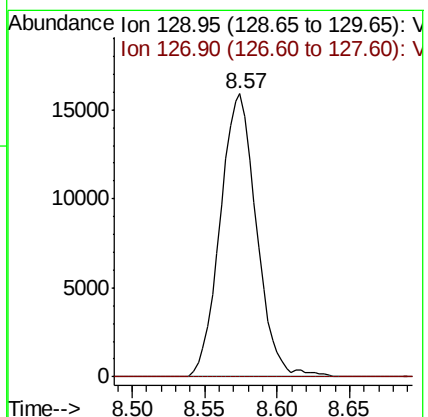
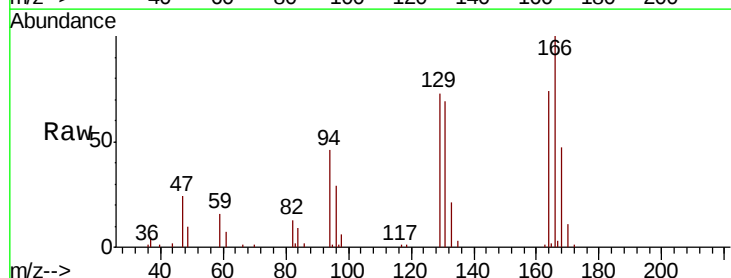
Instrument :
MSVOA_U
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BF8P8

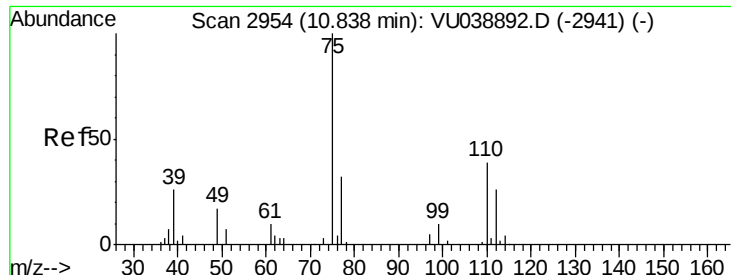
Tot Ion: 43 Resp: 10350
Ion Ratio Lower Upper
43 100
58 51.7 45.4 68.2
57 20.5 16.4 24.6
100 8.1 10.6 15.8#



#49
Dibromochloromethane
Concen: 1.755 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.25 min
Lab File: VU038901.D
Acq: 15 Jun 2020 19:05

Tgt Ion: 129 Resp: 27642
Ion Ratio Lower Upper
129 100
127 0.0 56.7 105.3#





#59

1,2,3-Trichloropropane

Concen: 0.955 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038901.D

Acq: 15 Jun 2020 19:05

Instrument :

MSVOA_U

ClientSampleId :

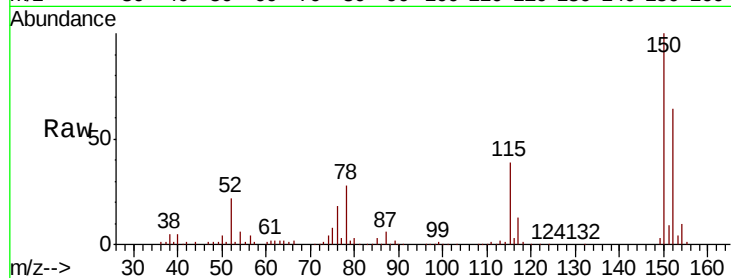
BF8P8

Tot Ion: 75 Resp: 13073

Ion Ratio Lower Upper

75 100

77 37.4 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

