

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039088.D
 Acq On : 25 Jun 2020 02:12
 Operator : SY/MD
 Sample : L3110-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F14

Quant Time: Jun 25 02:38:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	269092	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	263610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	111269	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99411	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.93	69	91437	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.59	63	150090	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	4.67	46	428462	60.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.50%
24) Chloroform-d	5.10	84	206229	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.74	65	128289	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.76	84	404635	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.72	67	134470	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	7.92	98	316966	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	8.20	79	55025	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.65	63	336358	61.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	119872	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	121918	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

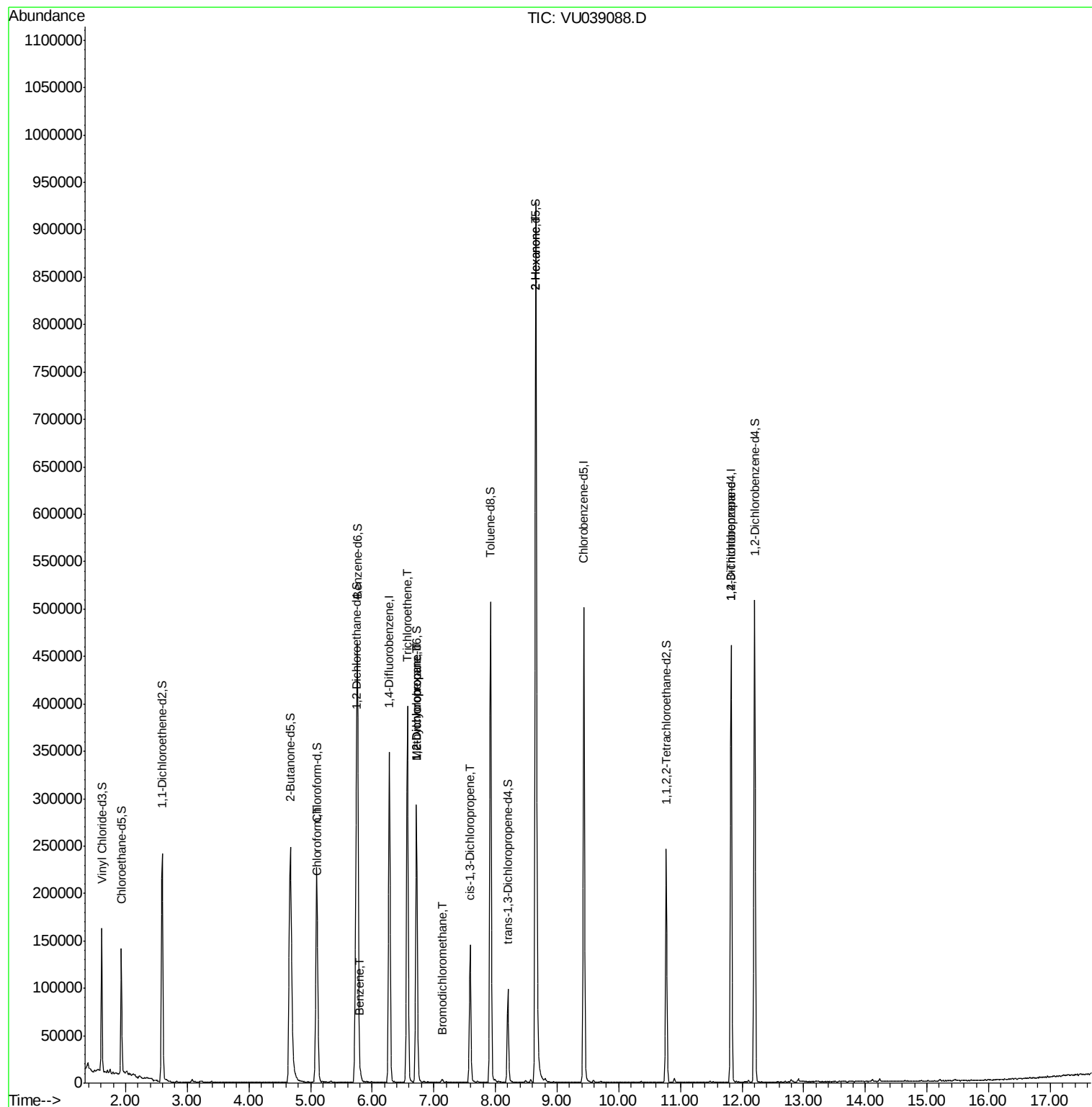
					Ovalue
25) Chloroform	5.12	83	6452	0.162 ug/L	95
33) Benzene	5.81	78	8237	0.099 ug/L	100
34) Trichloroethene	6.57	95	132669	6.622 ug/L	98
35) Methylcyclohexane	6.72	83	30072	1.012 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	15137	0.675 ug/L #	87
38) Bromodichloromethane	7.14	83	2018	0.072 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	4352	0.140 ug/L	83
48) 2-Hexanone	8.65	43	39698	3.233 ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	15725	0.929 ug/L	94

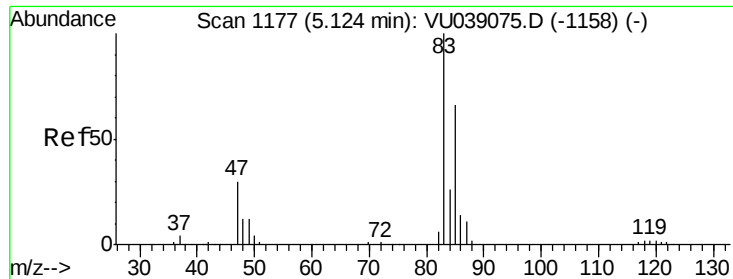
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062420\
Data File : VU039088.D
Acq On : 25 Jun 2020 02:12
Operator : SY/MD
Sample : L3110-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F14

Quant Time: Jun 25 02:38:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 02:33:05 2020
Response via : Initial Calibration

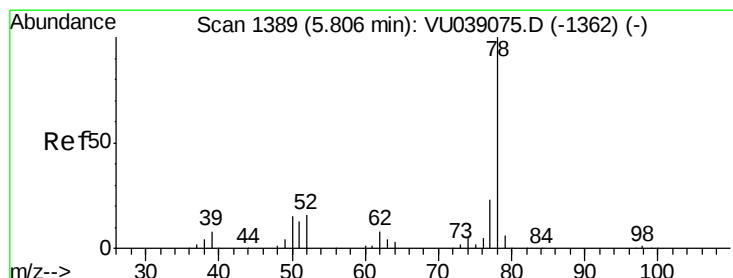
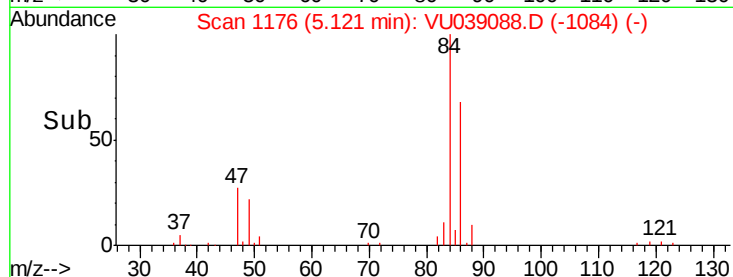
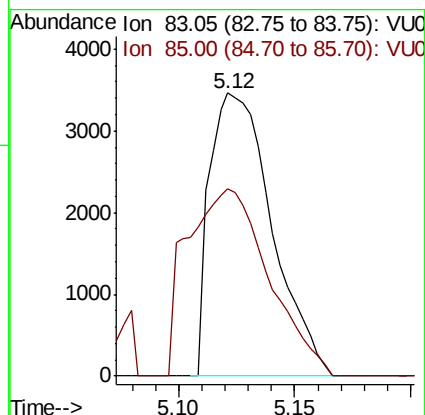
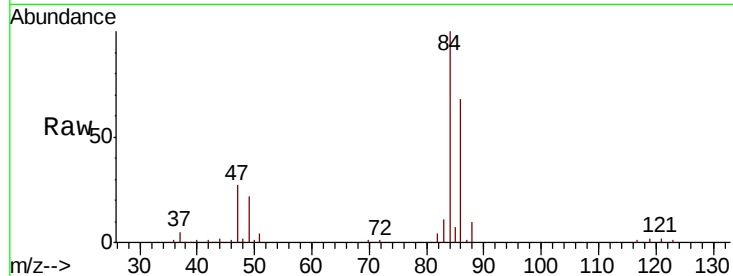




#25
Chloroform
Concen: 0.162 ug/L
RT: 5.12 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VU039088.D
Acq: 25 Jun 2020 02:12

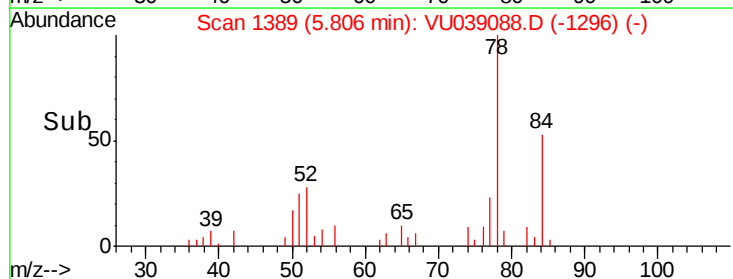
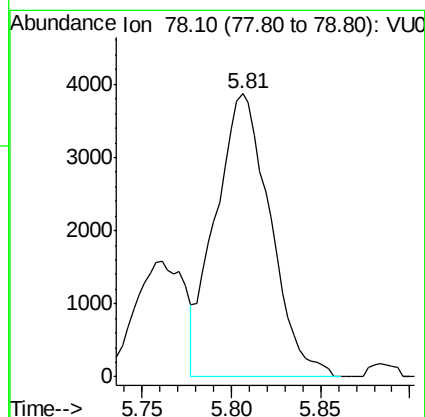
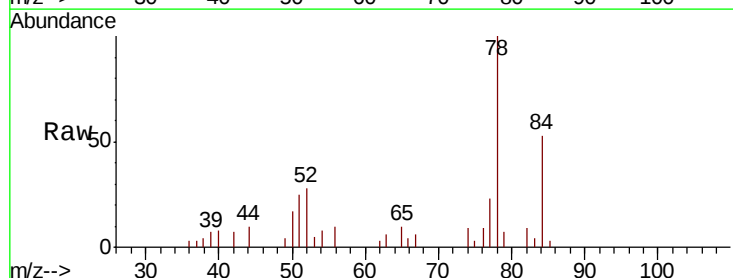
Instrument :
MSVOA_U
ClientSampleId :
F9F14

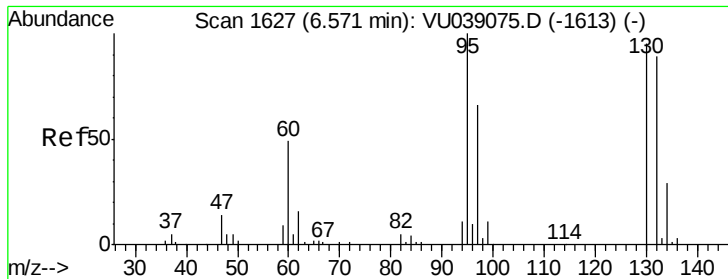
Tot Ion: 83 Resp: 6452
Ion Ratio Lower Upper
83 100
85 66.3 43.8 81.4



#33
Benzene
Concen: 0.099 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU039088.D
Acq: 25 Jun 2020 02:12

Tgt Ion: 78 Resp: 8237





#34

Trichloroethene

Concen: 6.622 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU039088.D

Acq: 25 Jun 2020 02:12

Instrument :

MSVOA_U

ClientSampled :

F9F14

Tot Ion: 95 Resp: 132669

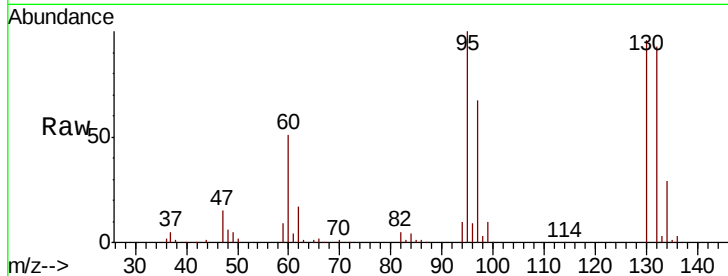
Ion Ratio Lower Upper

95 100

97 66.9 45.1 83.7

132 92.7 65.1 120.9

130 95.6 68.6 127.4

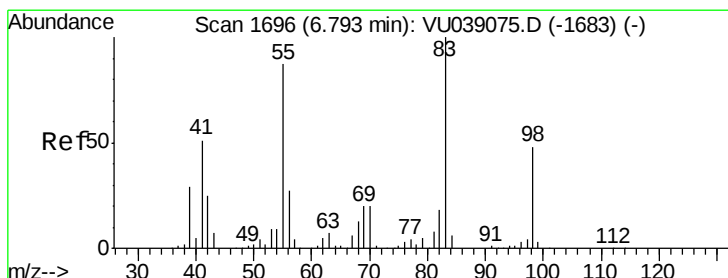
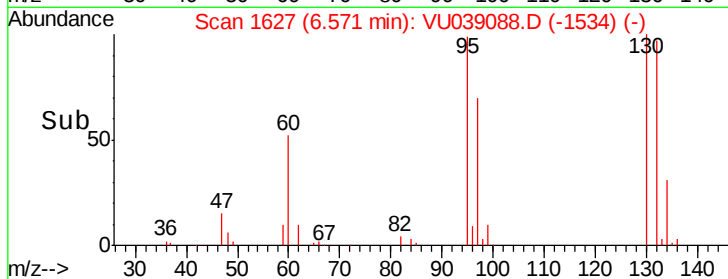
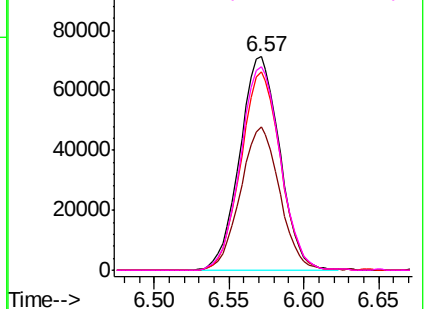


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.012 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039088.D

Acq: 25 Jun 2020 02:12

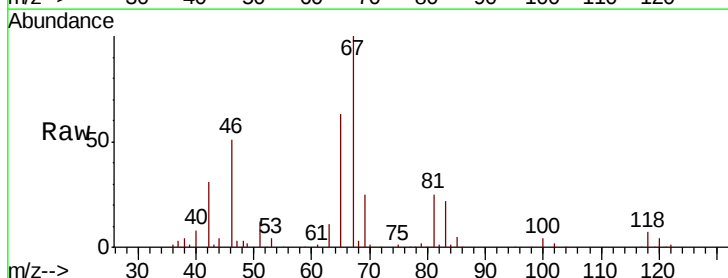
Tgt Ion: 83 Resp: 30072

Ion Ratio Lower Upper

83 100

55 0.5 65.5 98.3#

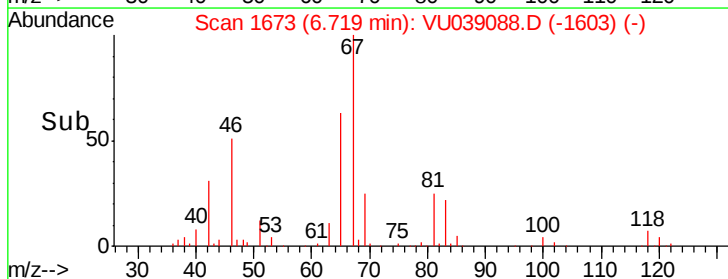
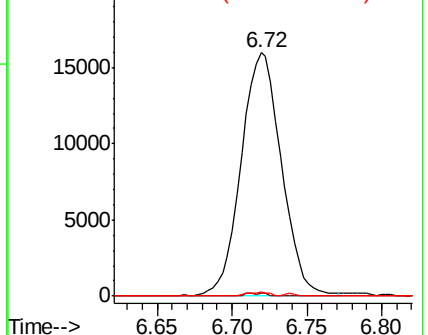
98 0.9 36.5 54.7#

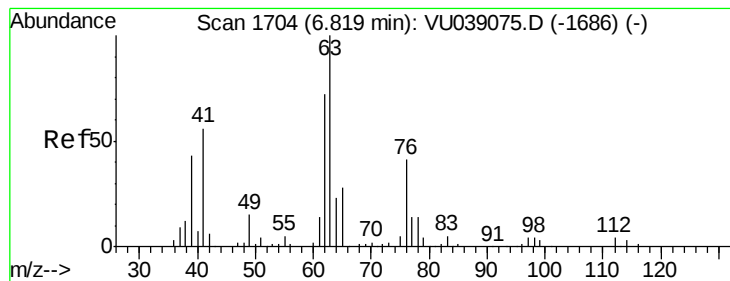


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.675 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039088.D

Acq: 25 Jun 2020 02:12

Instrument :

MSVOA_U

ClientSampleId :

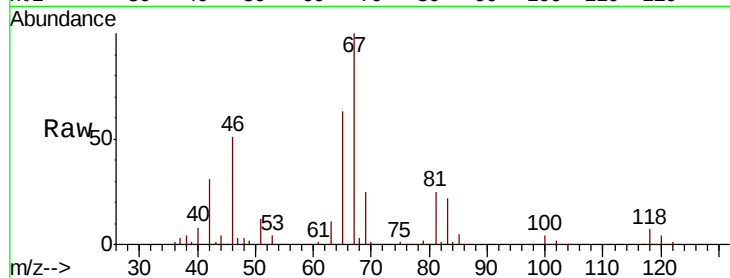
F9F14

Tot Ion: 63 Resp: 15137

Ion Ratio Lower Upper

63 100

112 0.2 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039075.D (-1686) (-)

Ion 112.10 (111.80 to 112.80): VU039075.D (-1686) (-)

6.72

8000

6000

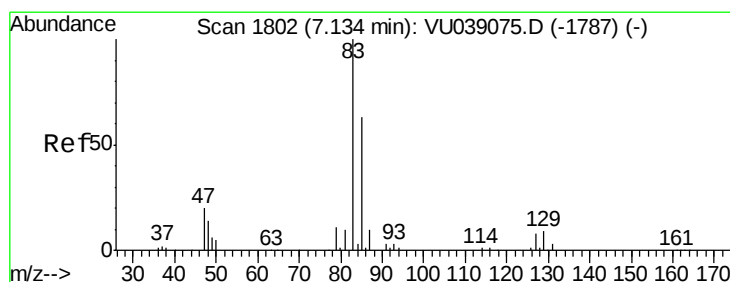
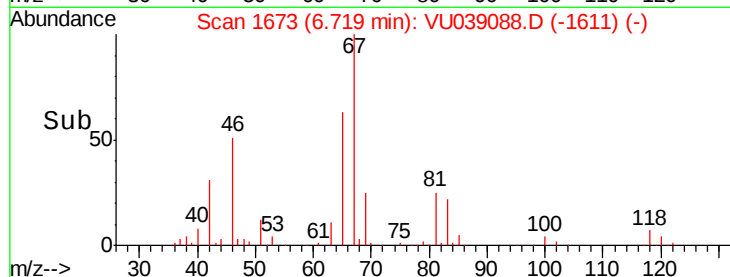
4000

2000

0

6.65 6.70 6.75

Time-->



#38

Bromodichloromethane

Concen: 0.072 ug/L

RT: 7.14 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VU039088.D

Acq: 25 Jun 2020 02:12

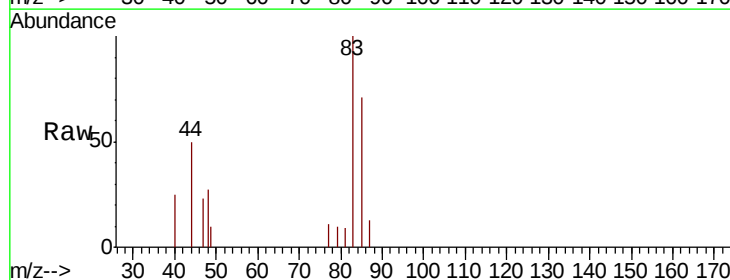
Tgt Ion: 83 Resp: 2018

Ion Ratio Lower Upper

83 100

85 71.5 44.9 83.3

127 0.0 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VU039075.D (-1787) (-)

Ion 85.00 (84.70 to 85.70): VU039075.D (-1787) (-)

Ion 126.90 (126.60 to 127.60): VU039075.D (-1787) (-)

1500

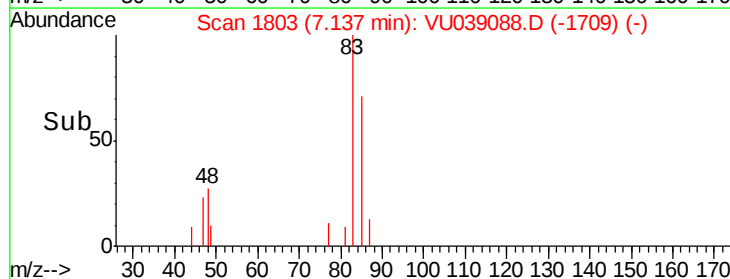
1000

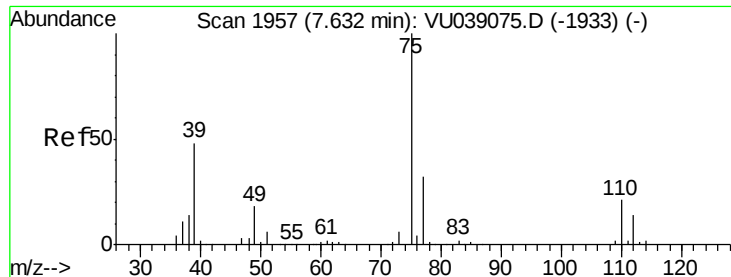
500

0

7.10 7.15

Time-->

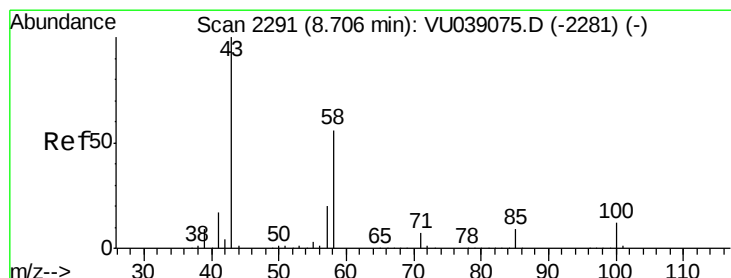
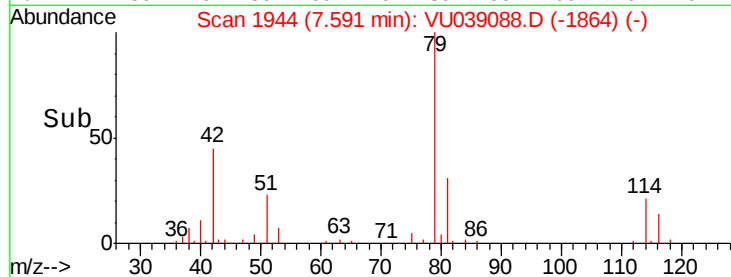
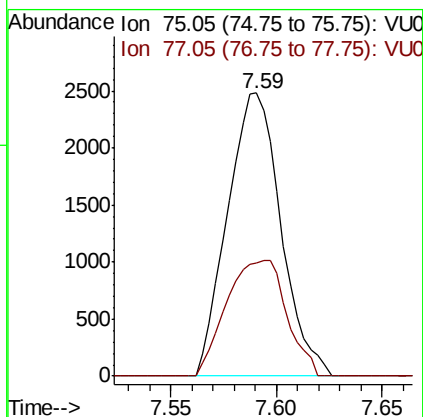
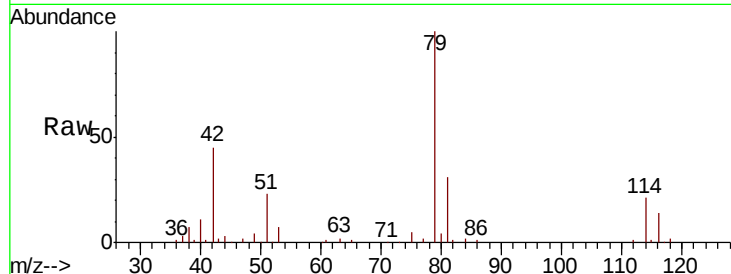




#39
 cis-1,3-Dichloropropene
 Concen: 0.140 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039088.D
 Acq: 25 Jun 2020 02:12

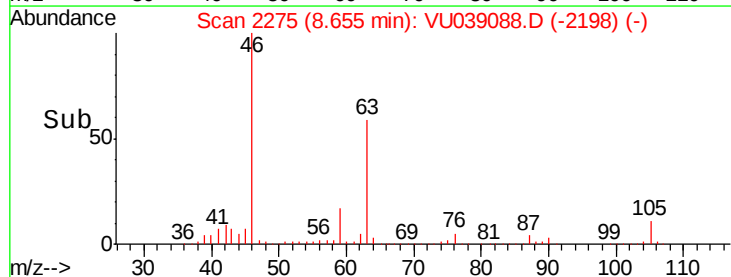
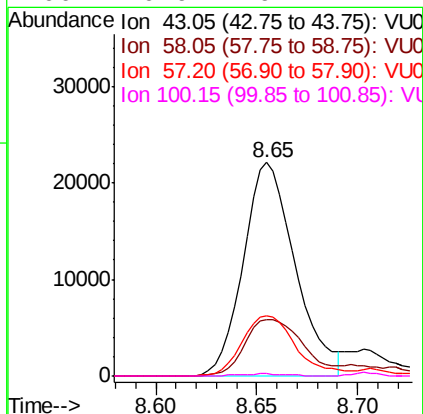
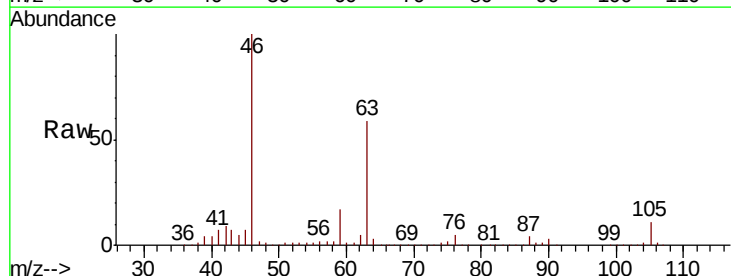
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F14

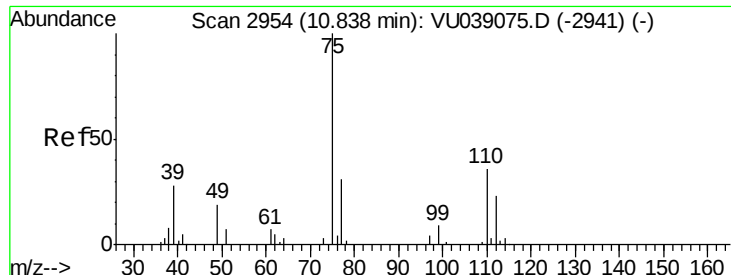
Tot Ion: 75 Resp: 4352
 Ion Ratio Lower Upper
 75 100
 77 40.0 21.6 40.0



#48
 2-Hexanone
 Concen: 3.233 ug/L
 RT: 8.65 min Scan# 2275
 Delta R.T. -0.05 min
 Lab File: VU039088.D
 Acq: 25 Jun 2020 02:12

Tgt Ion: 43 Resp: 39698
 Ion Ratio Lower Upper
 43 100
 58 29.7 44.0 66.0#
 57 29.4 15.0 22.6#
 100 0.9 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.929 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU039088.D

Acq: 25 Jun 2020 02:12

Instrument :

MSVOA_U

ClientSampleId :

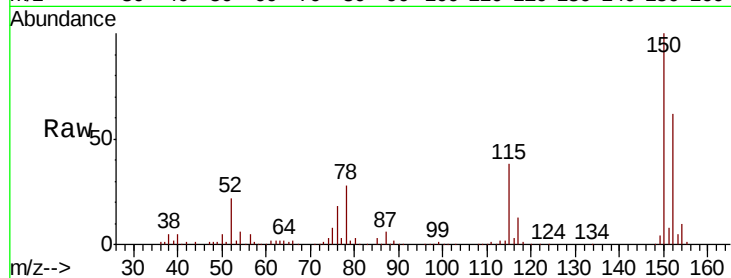
F9F14

Tot Ion: 75 Resp: 15725

Ion Ratio Lower Upper

75 100

77 36.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

