

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062220\
 Data File : VU039014.D
 Acq On : 22 Jun 2020 19:14
 Operator : SY/MD
 Sample : L3061-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXH8

Quant Time: Jun 23 01:28:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	282933	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	285991	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126138	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	118011	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.93	69	87524	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.59	63	168326	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	4.67	46	366685	48.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	5.10	84	179206	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.74	65	123055	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.76	84	411779	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	135549	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.92	98	327216	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.20	79	53362	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.65	63	280489	48.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114110	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	127268	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

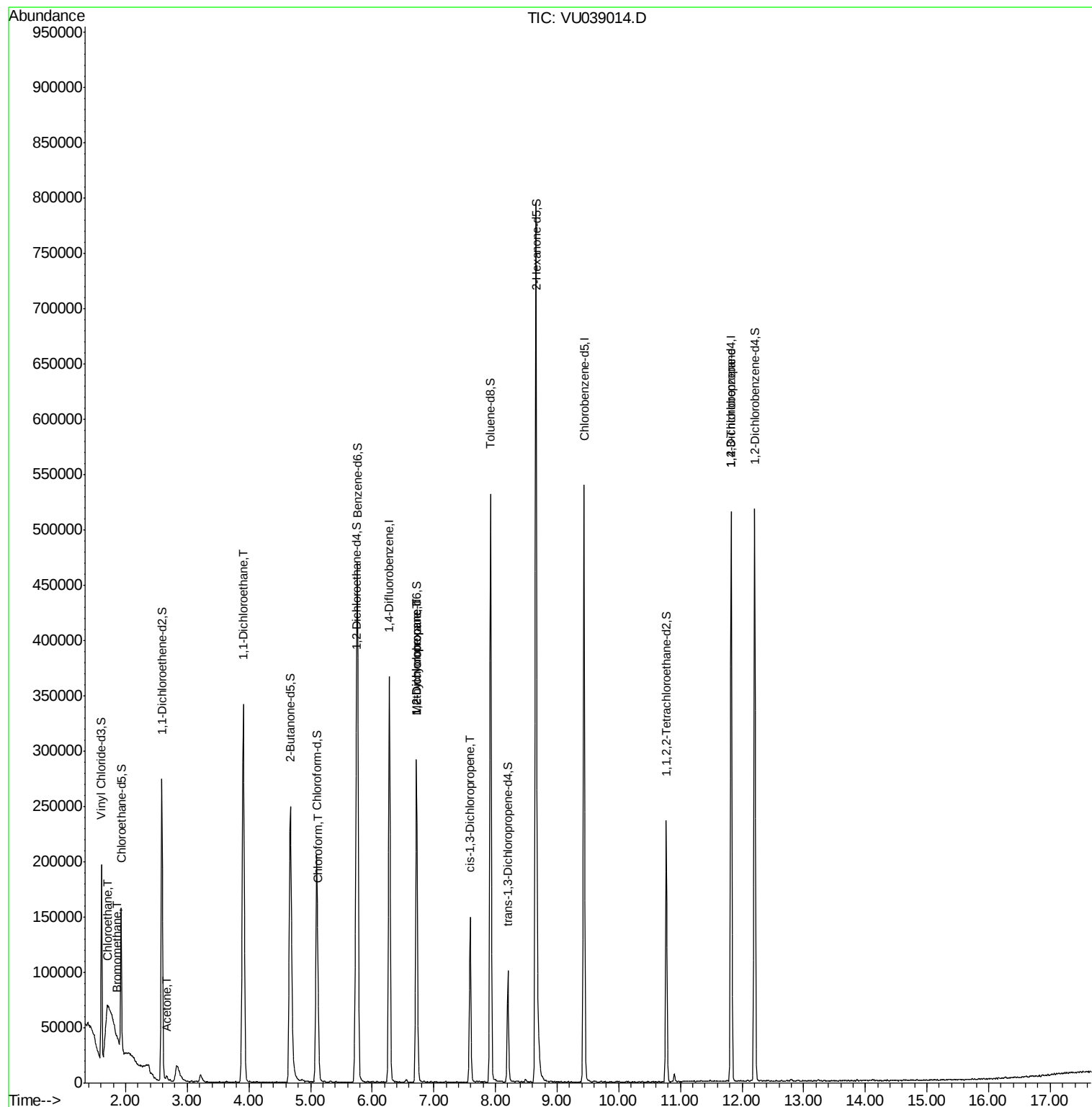
					Ovalue
6) Bromomethane	1.87	94	1049	0.152 ug/L	95
8) Chloroethane	1.70	64	48506	3.051 ug/L #	55
13) Acetone	2.66	43	5412	1.134 ug/L	94
19) 1,1-Dichloroethane	3.91	63	394618	9.137 ug/L	98
25) Chloroform	5.12	83	27382	0.611 ug/L	94
35) Methylcyclohexane	6.72	83	31876	0.913 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	15464	0.623 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3561	0.100 ug/L #	45
59) 1,2,3-Trichloropropane	11.82	75	17261	0.944 ug/L	89

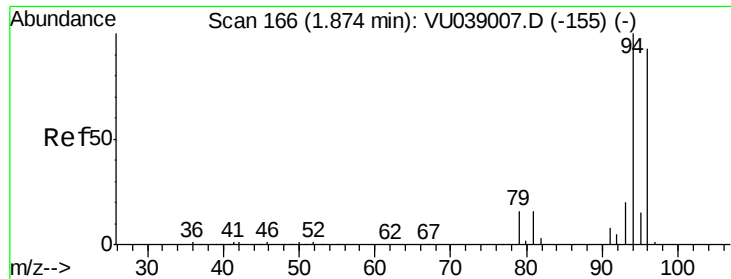
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 23 01:28:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 01:25:34 2020
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.152 ug/L

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU039014.D

Acq: 22 Jun 2020 19:14

Instrument :

MSVOA_U

ClientSampleId :

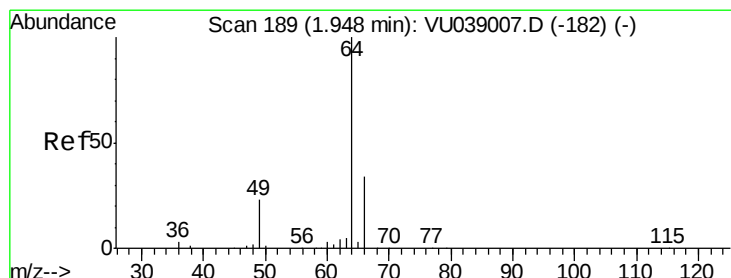
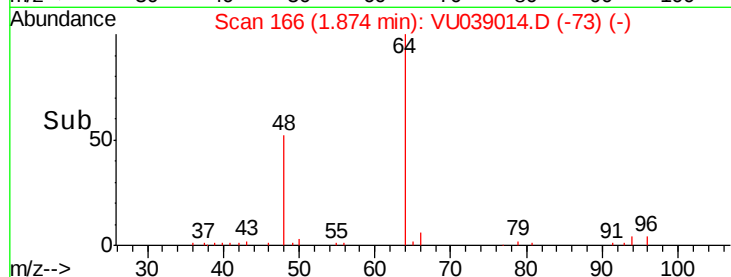
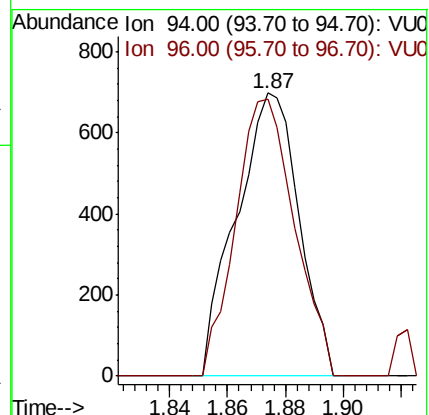
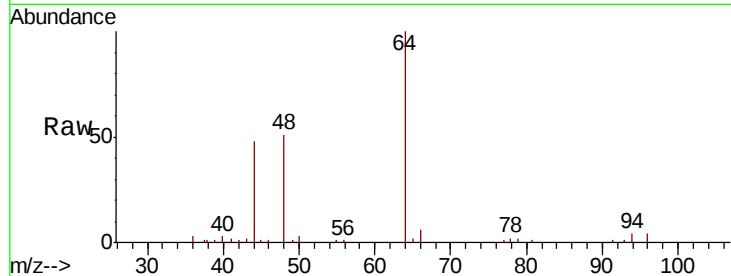
BFXH8

Tot Ion: 94 Resp: 1049

Ion Ratio Lower Upper

94 100

96 98.0 65.5 121.7



#8

Chloroethane

Concen: 3.051 ug/L

RT: 1.70 min Scan# 113

Delta R.T. -0.24 min

Lab File: VU039014.D

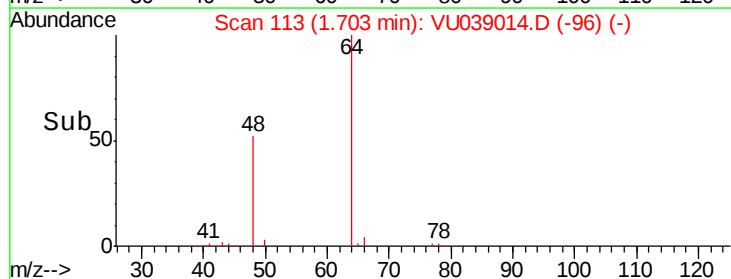
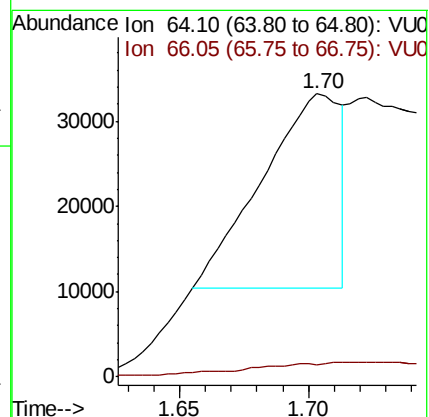
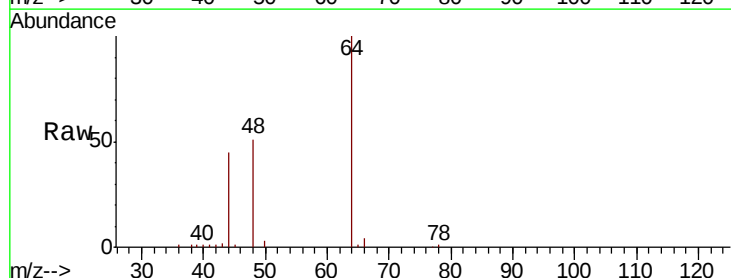
Acq: 22 Jun 2020 19:14

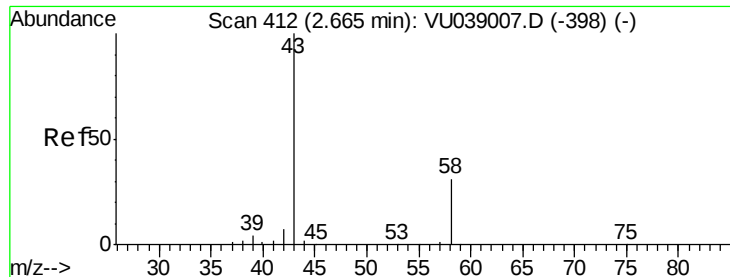
Tgt Ion: 64 Resp: 48506

Ion Ratio Lower Upper

64 100

66 4.3 19.4 36.0#





#13

Acetone

Concen: 1.134 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU039014.D

Acq: 22 Jun 2020 19:14

Instrument :

MSVOA_U

ClientSampled :

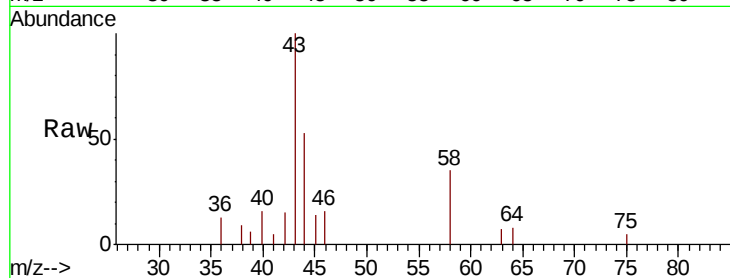
BFXH8

Tot Ion: 43 Resp: 5412

Ion Ratio Lower Upper

43 100

58 29.2 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU039007.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU039007.D (-398) (-)

2.66

2000

1500

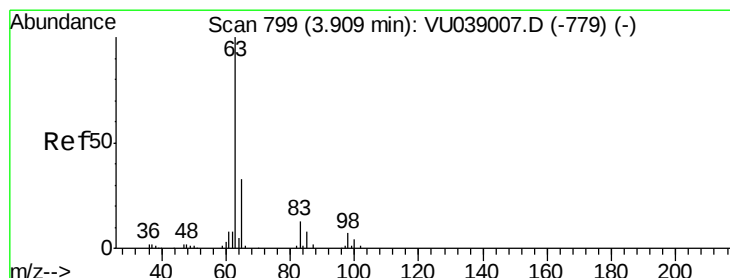
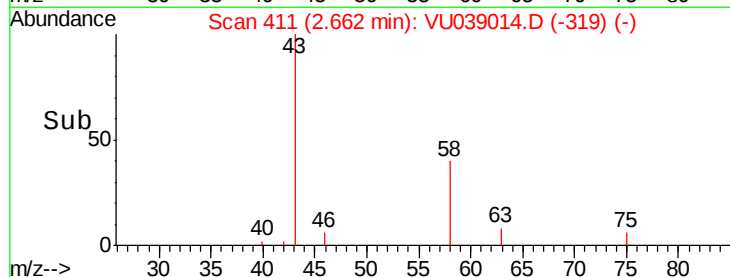
1000

500

0

2.60 2.65 2.70 2.75

Time-->



#19

1,1-Dichloroethane

Concen: 9.137 ug/L

RT: 3.91 min Scan# 799

Delta R.T. 0.00 min

Lab File: VU039014.D

Acq: 22 Jun 2020 19:14

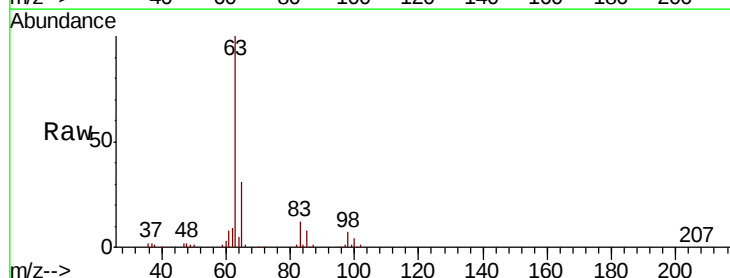
Tgt Ion: 63 Resp: 394618

Ion Ratio Lower Upper

63 100

65 31.0 22.5 41.7

83 12.0 9.2 17.2



Abundance Ion 63.10 (62.80 to 63.80): VU039007.D (-779) (-)

Ion 65.10 (64.80 to 65.80): VU039007.D (-779) (-)

Ion 83.05 (82.75 to 83.75): VU039007.D (-779) (-)

3.91

200000

150000

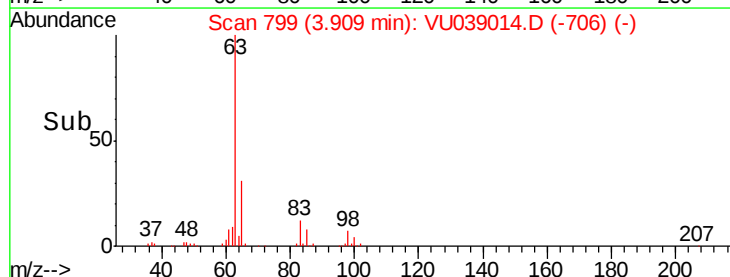
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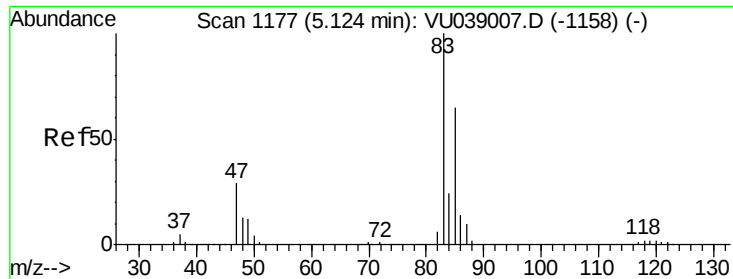
50000

0

3.80 3.90 4.00

Time-->

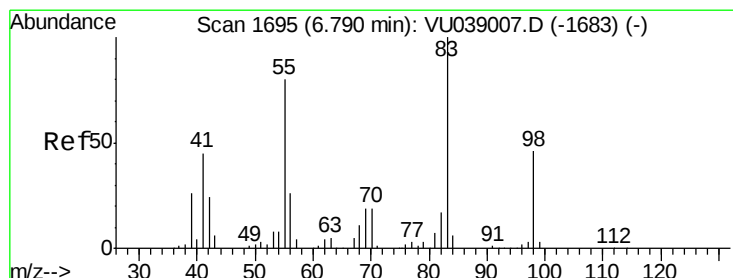
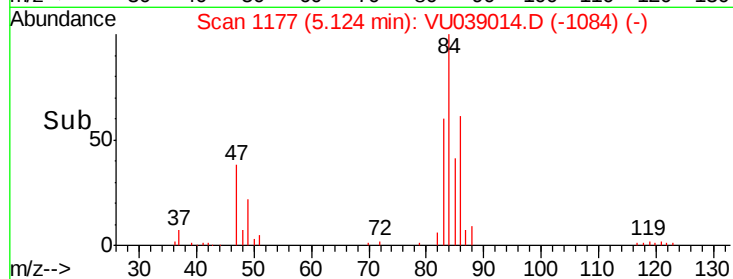
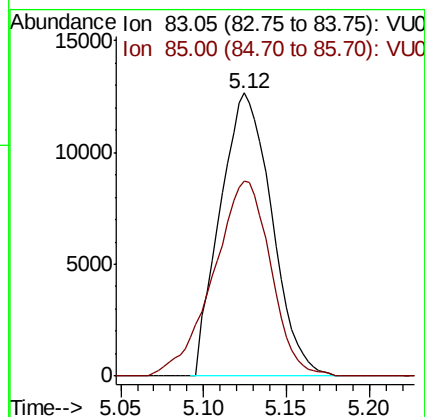
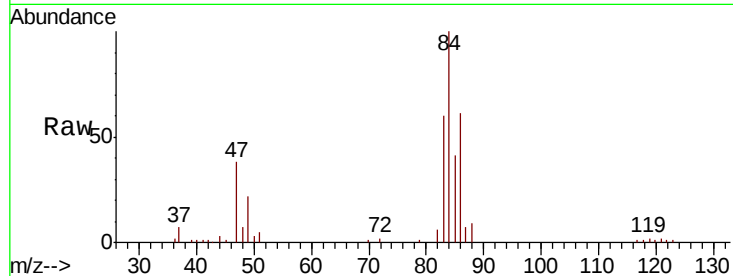




#25
Chloroform
Concen: 0.611 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU039014.D
Acq: 22 Jun 2020 19:14

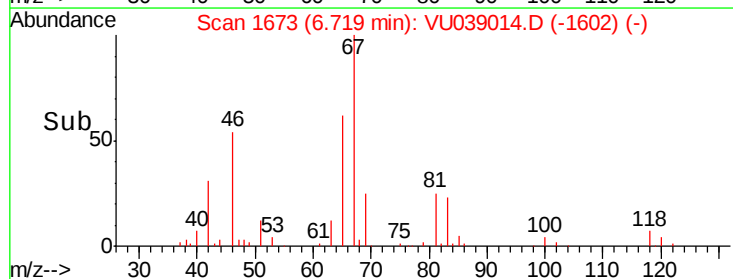
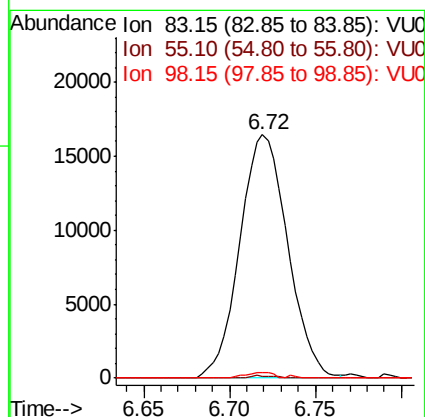
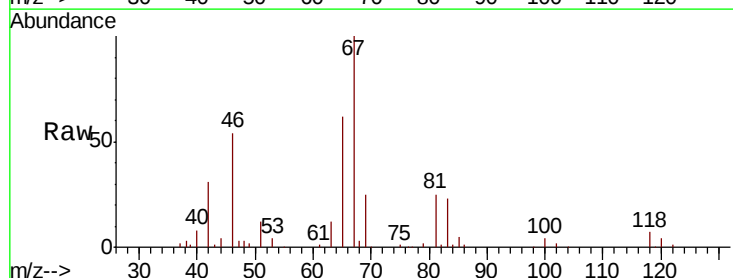
Instrument :
MSVOA_U
ClientSampleId :
BFXH8

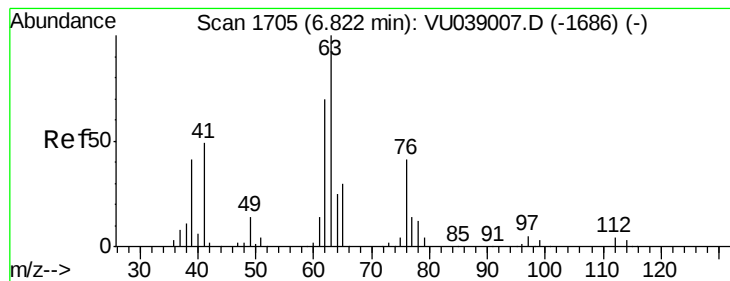
Tot Ion: 83 Resp: 27382
Ion Ratio Lower Upper
83 100
85 69.0 44.9 83.5



#35
Methylcyclohexane
Concen: 0.913 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039014.D
Acq: 22 Jun 2020 19:14

Tgt Ion: 83 Resp: 31876
Ion Ratio Lower Upper
83 100
55 0.5 65.1 97.7#
98 1.3 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.623 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039014.D

Acq: 22 Jun 2020 19:14

Instrument :

MSVOA_U

ClientSampleId :

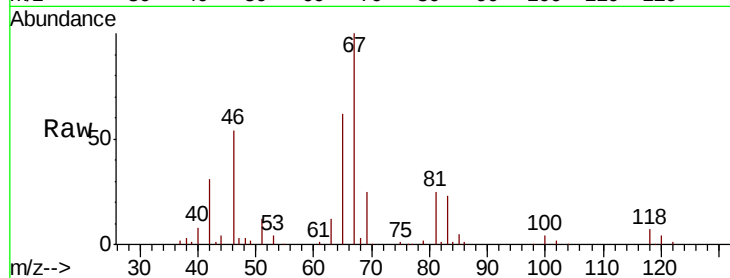
BFXH8

Tot Ion: 63 Resp: 15464

Ion Ratio Lower Upper

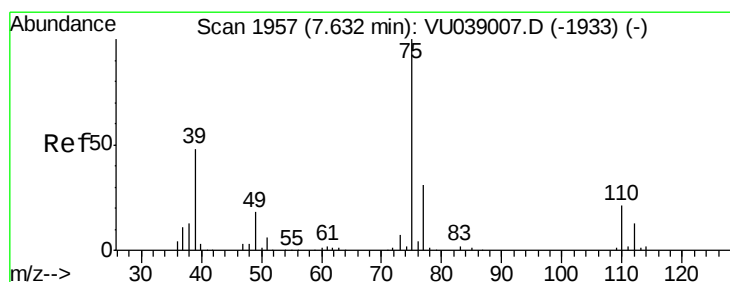
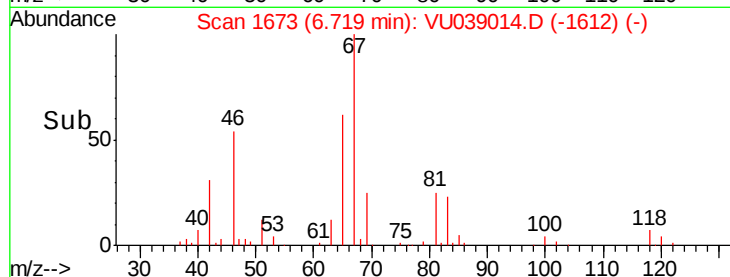
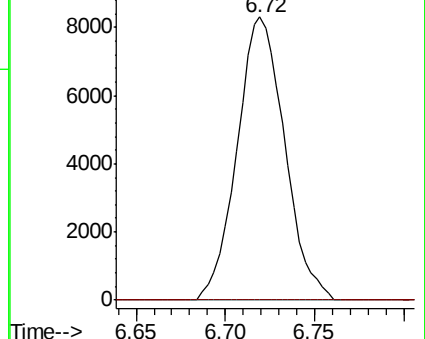
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039007.D (-1686) (-)

Ion 112.10 (111.80 to 112.80): VU039007.D (-1686) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU039014.D

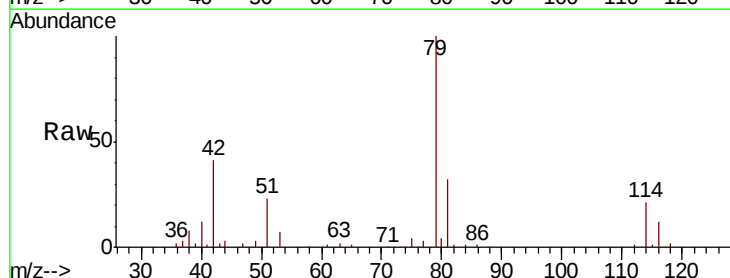
Acq: 22 Jun 2020 19:14

Tgt Ion: 75 Resp: 3561

Ion Ratio Lower Upper

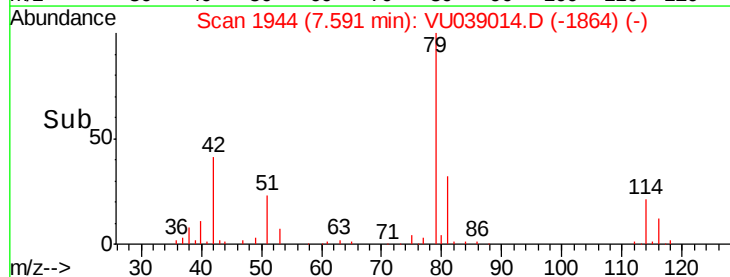
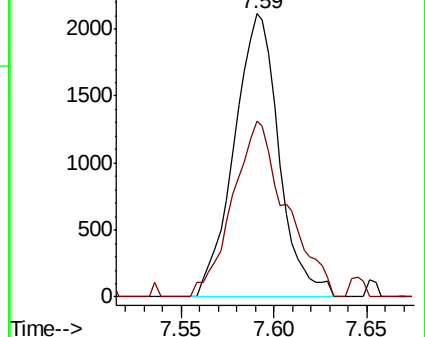
75 100

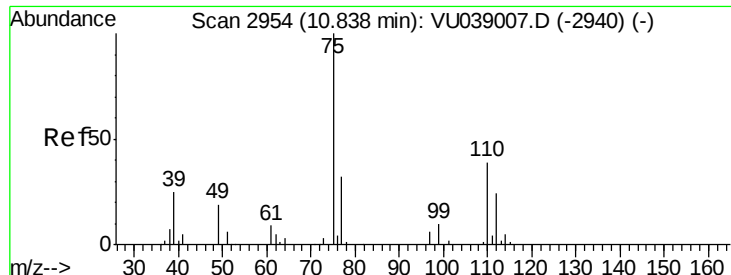
77 62.2 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039007.D (-1933) (-)

Ion 77.05 (76.75 to 77.75): VU039007.D (-1933) (-)





#59

1,2,3-Trichloropropane

Concen: 0.944 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039014.D

Acq: 22 Jun 2020 19:14

Instrument :

MSVOA_U

ClientSampleId :

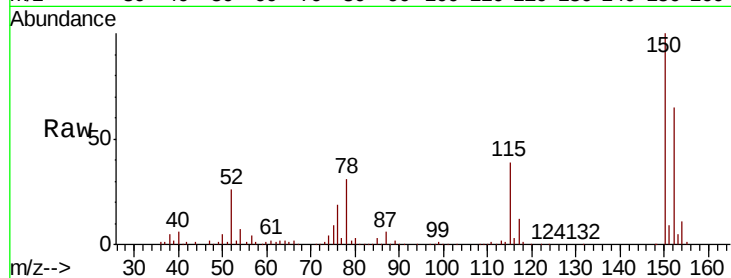
BFXH8

Tot Ion: 75 Resp: 17261

Ion Ratio Lower Upper

75 100

77 37.8 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

