

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039020.D
 Acq On : 22 Jun 2020 21:35
 Operator : SY/MD
 Sample : L3061-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ6

Quant Time: Jun 23 01:29:32 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	263196	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	269138	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	113693	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	124455	5.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.20%
7) Chloroethane-d5	1.93	69	92545	5.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.60%
11) 1,1-Dichloroethene-d2	2.59	63	171679	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.67	46	357256	50.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.50%
24) Chloroform-d	5.10	84	199790	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.74	65	125652	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.76	84	425503	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.72	67	140845	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.92	98	330465	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.20	79	44750	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.65	63	272737	49.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.54%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	118033	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	131962	5.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.40%

Target Compounds

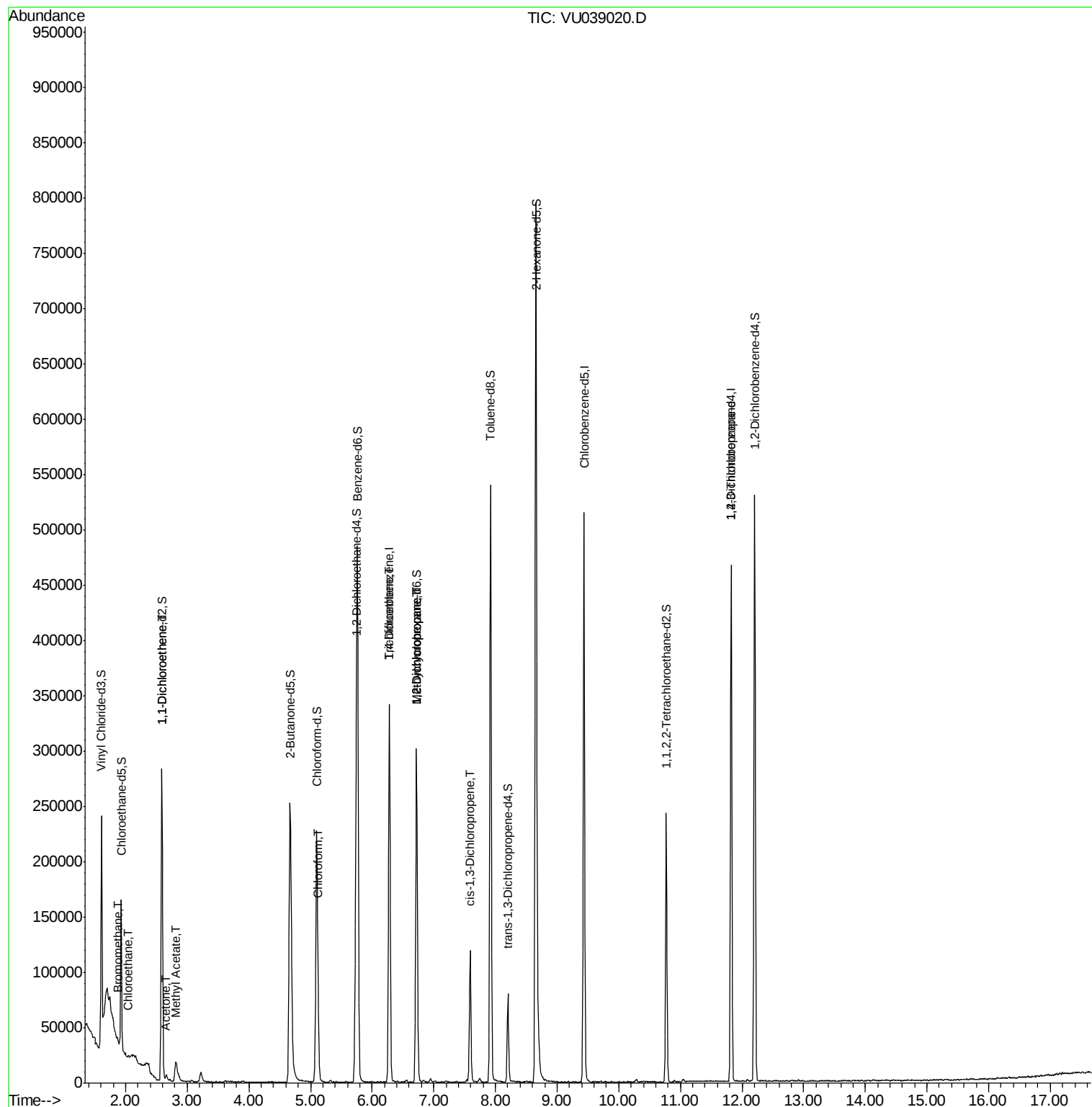
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.87	94	1064	0.166	ug/L	98
8) Chloroethane	2.04	64	1390	0.094	ug/L #	61
12) 1,1-Dichloroethene	2.59	96	1189	0.062	ug/L #	1
13) Acetone	2.66	43	7112	1.602	ug/L	93
15) Methyl Acetate	2.82	43	9614	0.851	ug/L #	53
25) Chloroform	5.13	83	21732	0.521	ug/L	91
34) Trichloroethene	6.28	95	4470	0.206	ug/L #	6
35) Methylcyclohexane	6.72	83	31321	0.953	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	15048	0.644	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3105	0.093	ug/L #	72
59) 1,2,3-Trichloropropane	11.82	75	16614	0.966	ug/L	93

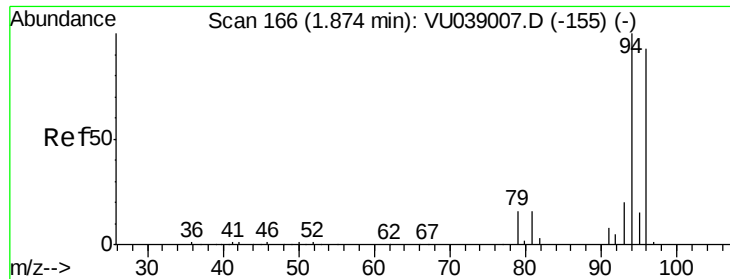
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 23 01:25:34 2020
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.166 ug/L

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU039020.D

Acq: 22 Jun 2020 21:35

Instrument :

MSVOA_U

ClientSampleId :

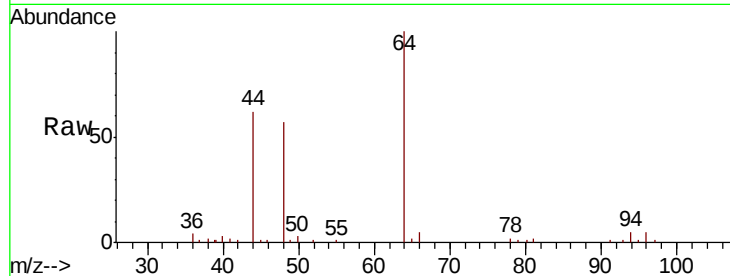
BFXJ6

Tot Ion: 94 Resp: 1064

Ion Ratio Lower Upper

94 100

96 92.1 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.87

800

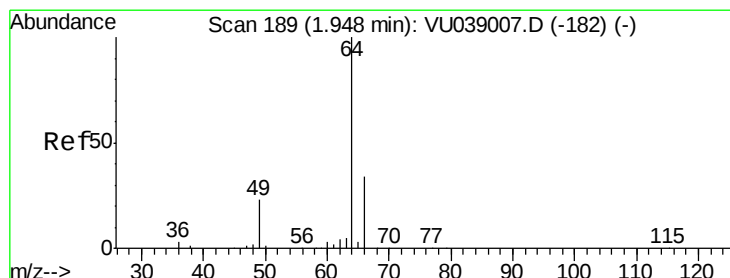
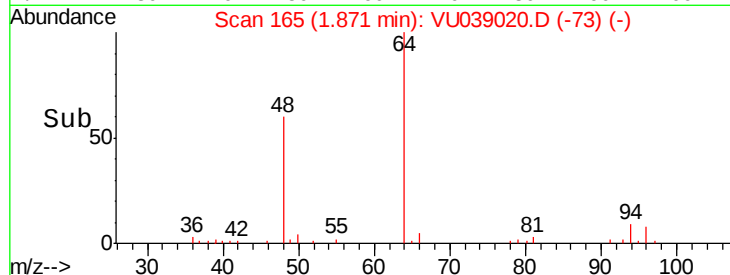
600

400

200

0

Time-->



#8

Chloroethane

Concen: 0.094 ug/L

RT: 2.04 min Scan# 218

Delta R.T. 0.09 min

Lab File: VU039020.D

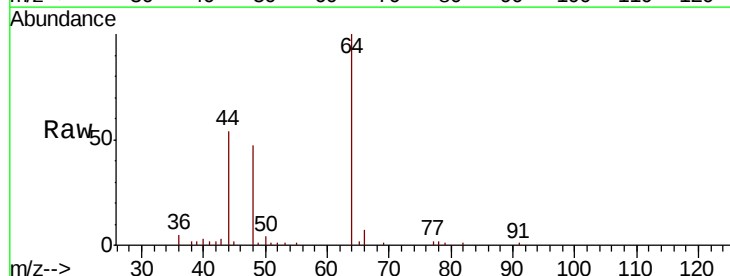
Acq: 22 Jun 2020 21:35

Tgt Ion: 64 Resp: 1390

Ion Ratio Lower Upper

64 100

66 7.1 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

12000

10000

8000

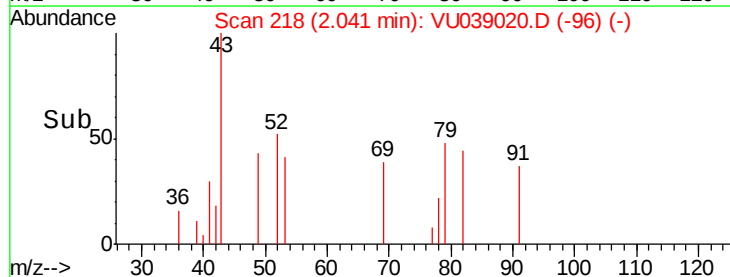
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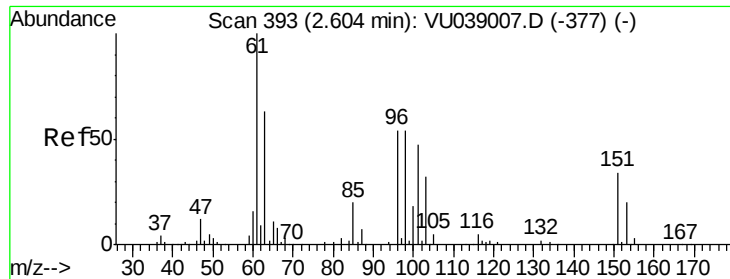
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2000

0

Time-->

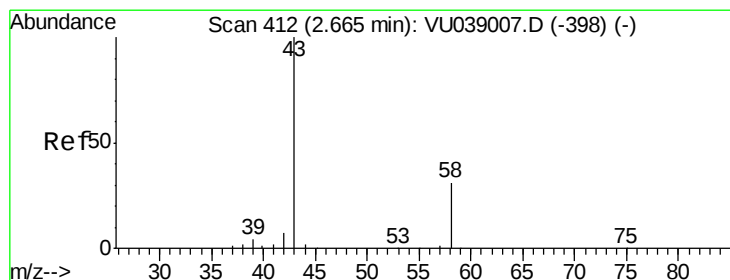
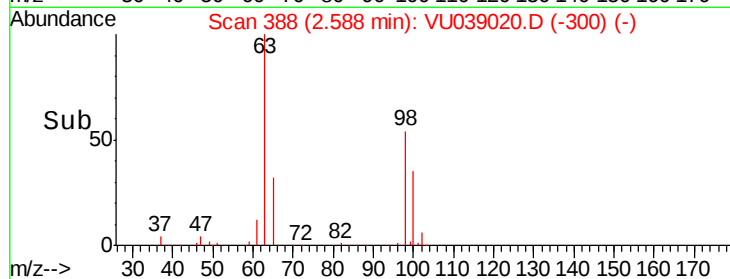
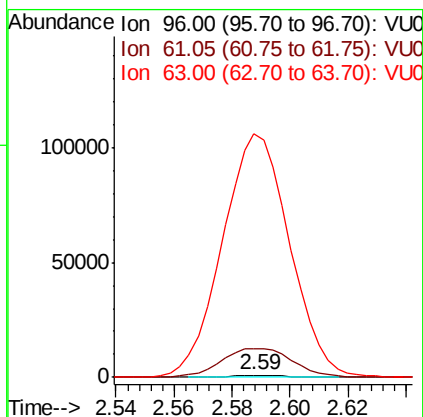
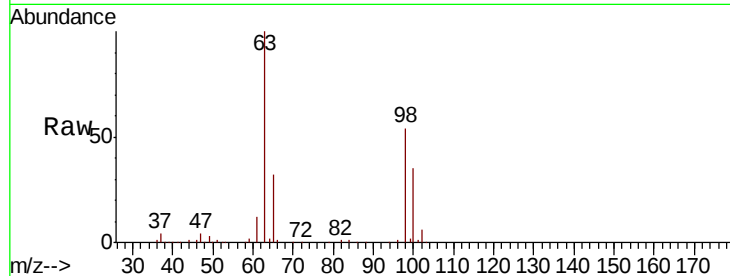




#12
 1,1-Dichloroethene
 Concen: 0.062 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: VU039020.D
 Acq: 22 Jun 2020 21:35

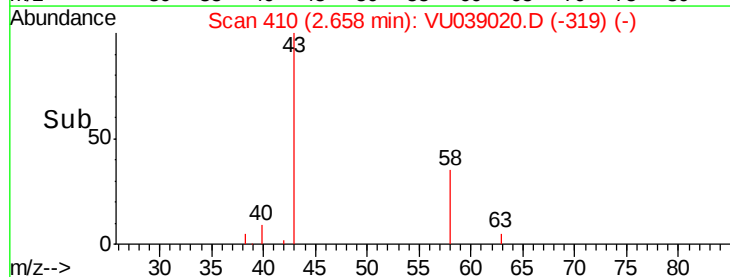
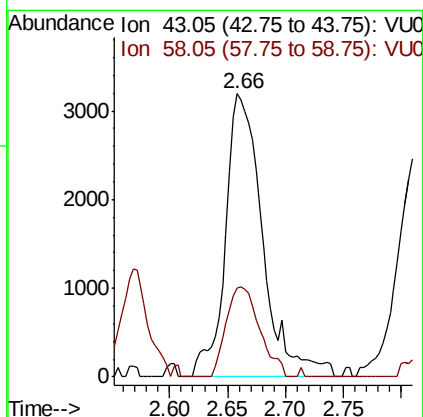
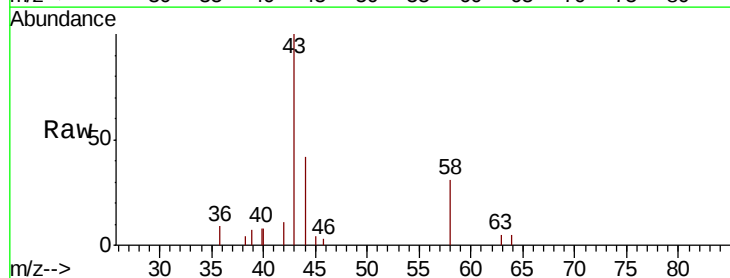
Instrument :
 MSVOA_U
 ClientSampled :
 BFXJ6

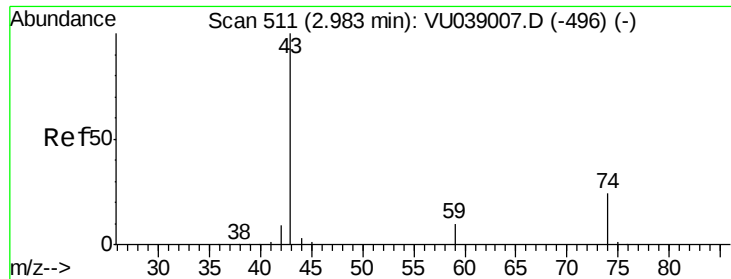
Tot Ion: 96 Resp: 1189
 Ion Ratio Lower Upper
 96 100
 61 1277.0 128.7 239.1#
 63 10656.2 101.5 188.5#



#13
 Acetone
 Concen: 1.602 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VU039020.D
 Acq: 22 Jun 2020 21:35

Tgt Ion: 43 Resp: 7112
 Ion Ratio Lower Upper
 43 100
 58 28.6 0.0 64.8

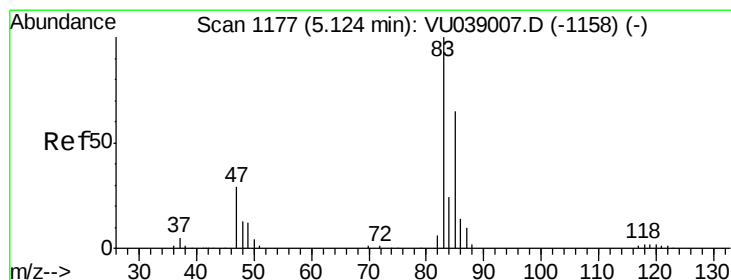
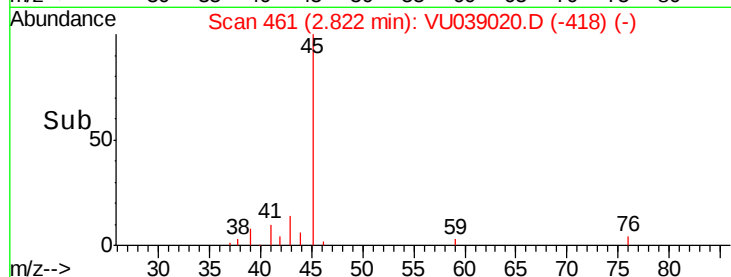
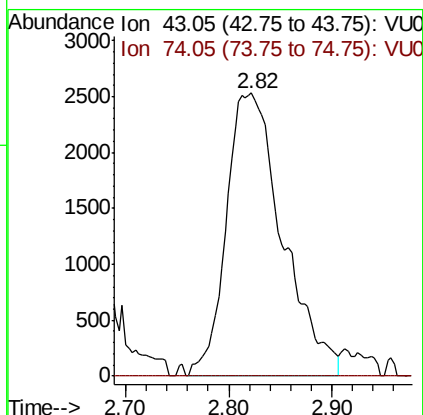
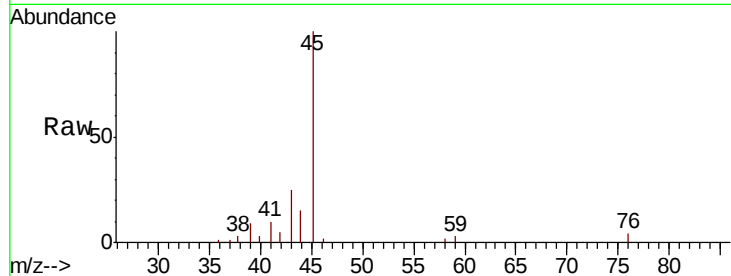




#15
Methvl Acetate
Concen: 0.851 ug/L
RT: 2.82 min Scan# 461
Delta R.T. -0.16 min
Lab File: VU039020.D
Acq: 22 Jun 2020 21:35

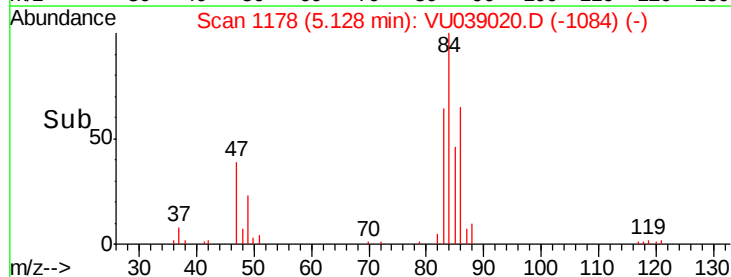
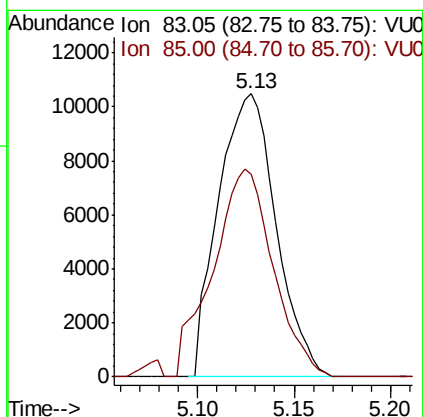
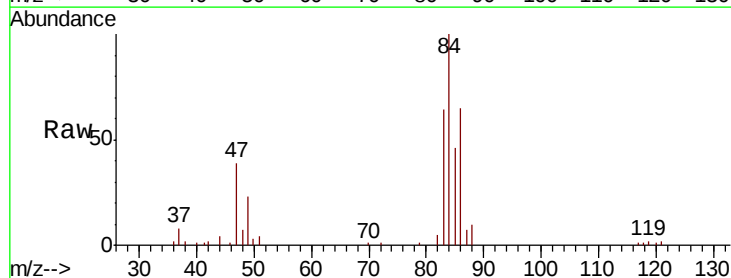
Instrument :
MSVOA_U
ClientSampleId :
BFXJ6

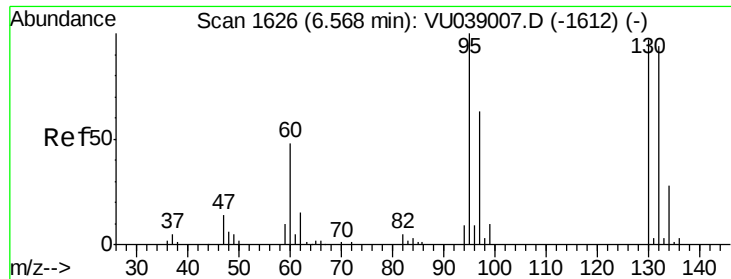
Tot Ion: 43 Resp: 9614
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#25
Chloroform
Concen: 0.521 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU039020.D
Acq: 22 Jun 2020 21:35

Tgt Ion: 83 Resp: 21732
Ion Ratio Lower Upper
83 100
85 71.6 44.9 83.5

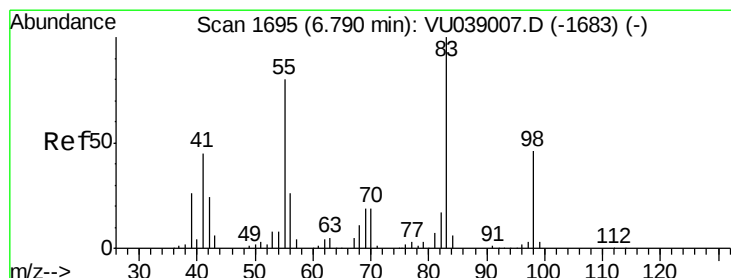
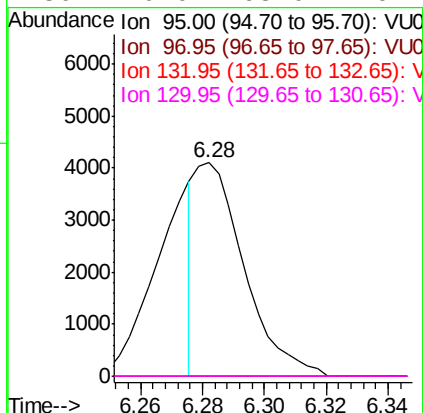
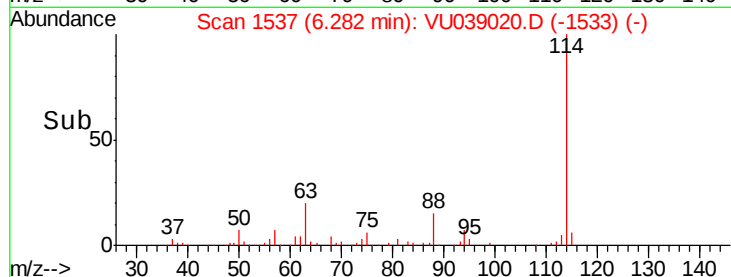
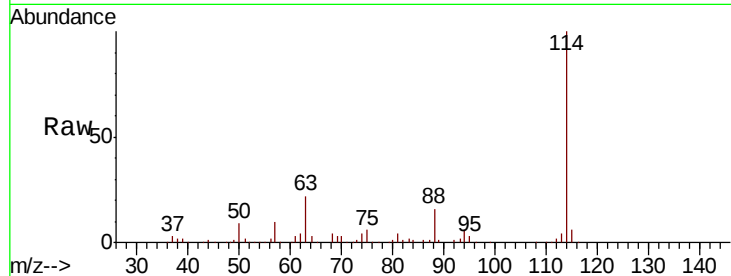




#34
 Trichloroethene
 Concen: 0.206 ug/L
 RT: 6.28 min Scan# 1537
 Delta R.T. -0.29 min
 Lab File: VU039020.D
 Acq: 22 Jun 2020 21:35

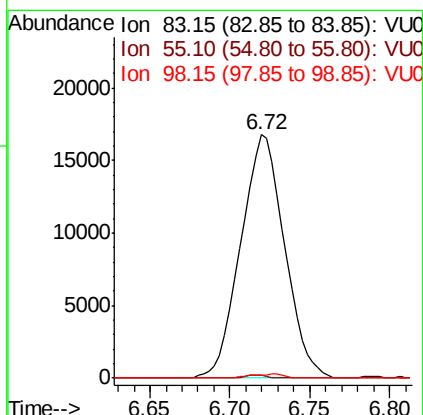
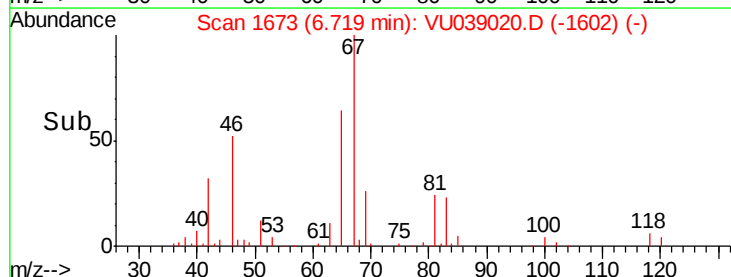
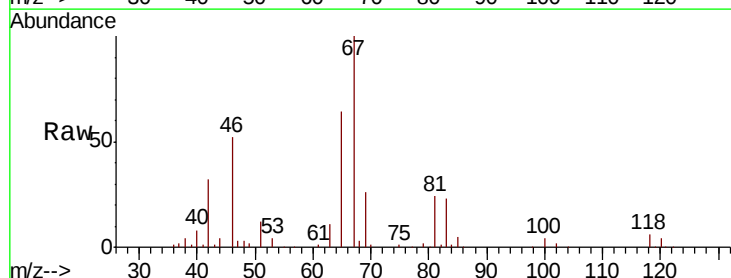
Instrument :
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 ClientSampleId :
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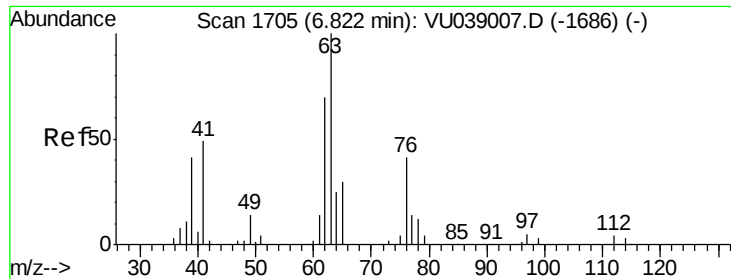
Tot Ion: 95 Resp: 4470
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.0 85.4#
 132 0.0 65.0 120.6#
 130 0.0 68.0 126.2#



#35
 Methylcyclohexane
 Concen: 0.953 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.07 min
 Lab File: VU039020.D
 Acq: 22 Jun 2020 21:35

Tgt Ion: 83 Resp: 31321
 Ion Ratio Lower Upper
 83 100
 55 0.5 65.1 97.7#
 98 1.2 37.0 55.4#

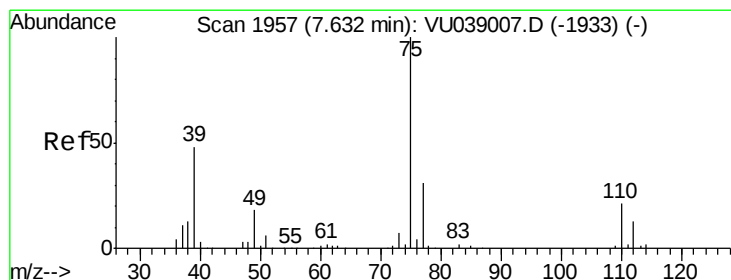
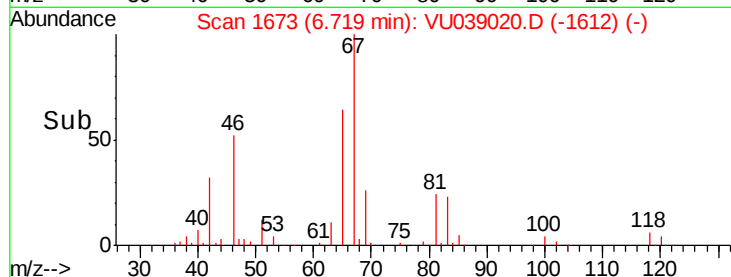
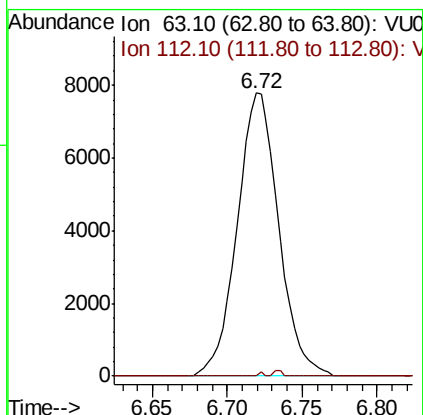
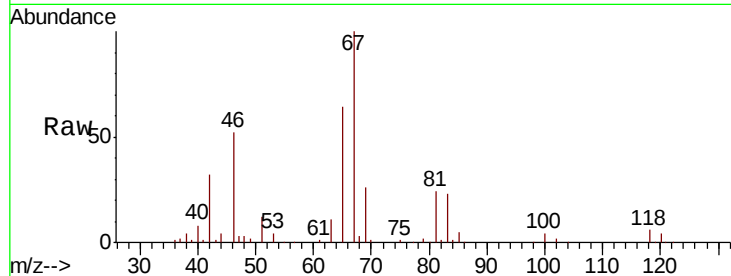




#37
 1,2-Dichloropropane
 Concen: 0.644 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039020.D
 Acq: 22 Jun 2020 21:35

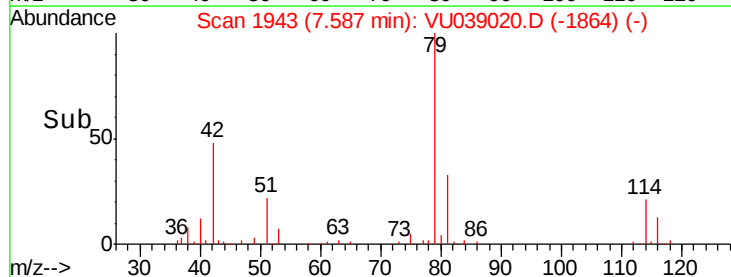
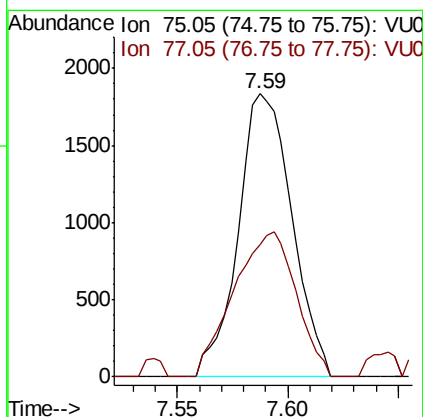
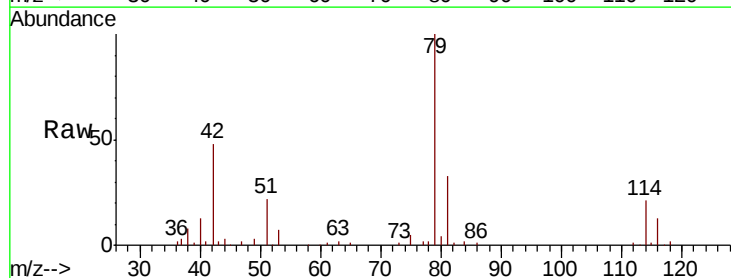
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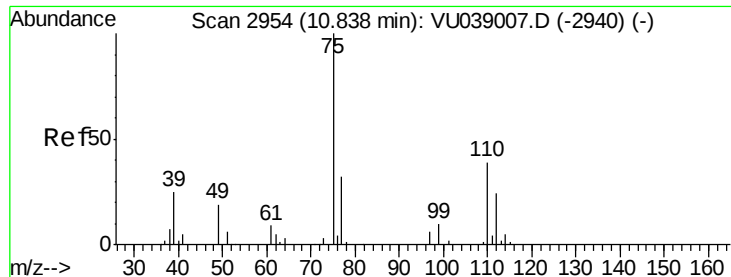
Tot Ion: 63 Resp: 15048
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU039020.D
 Acq: 22 Jun 2020 21:35

Tgt Ion: 75 Resp: 3105
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 0.966 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039020.D

Acq: 22 Jun 2020 21:35

Instrument :

MSVOA_U

ClientSampleId :

BFXJ6

Tot Ion: 75 Resp: 16614

Ion Ratio Lower Upper

75 100

77 35.7 25.5 38.3

