

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039089.D
 Acq On : 25 Jun 2020 02:35
 Operator : SY/MD
 Sample : L3110-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F20

Quant Time: Jun 25 03:57:42 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	287148	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	274036	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	119945	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95103	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.93	69	88266	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.59	63	144529	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.67	46	430869	56.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.56%
24) Chloroform-d	5.10	84	200636	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	128918	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.76	84	399809	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.72	67	131052	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.92	98	326183	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	8.20	79	52635	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.65	63	330587	57.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	120308	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	123819	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

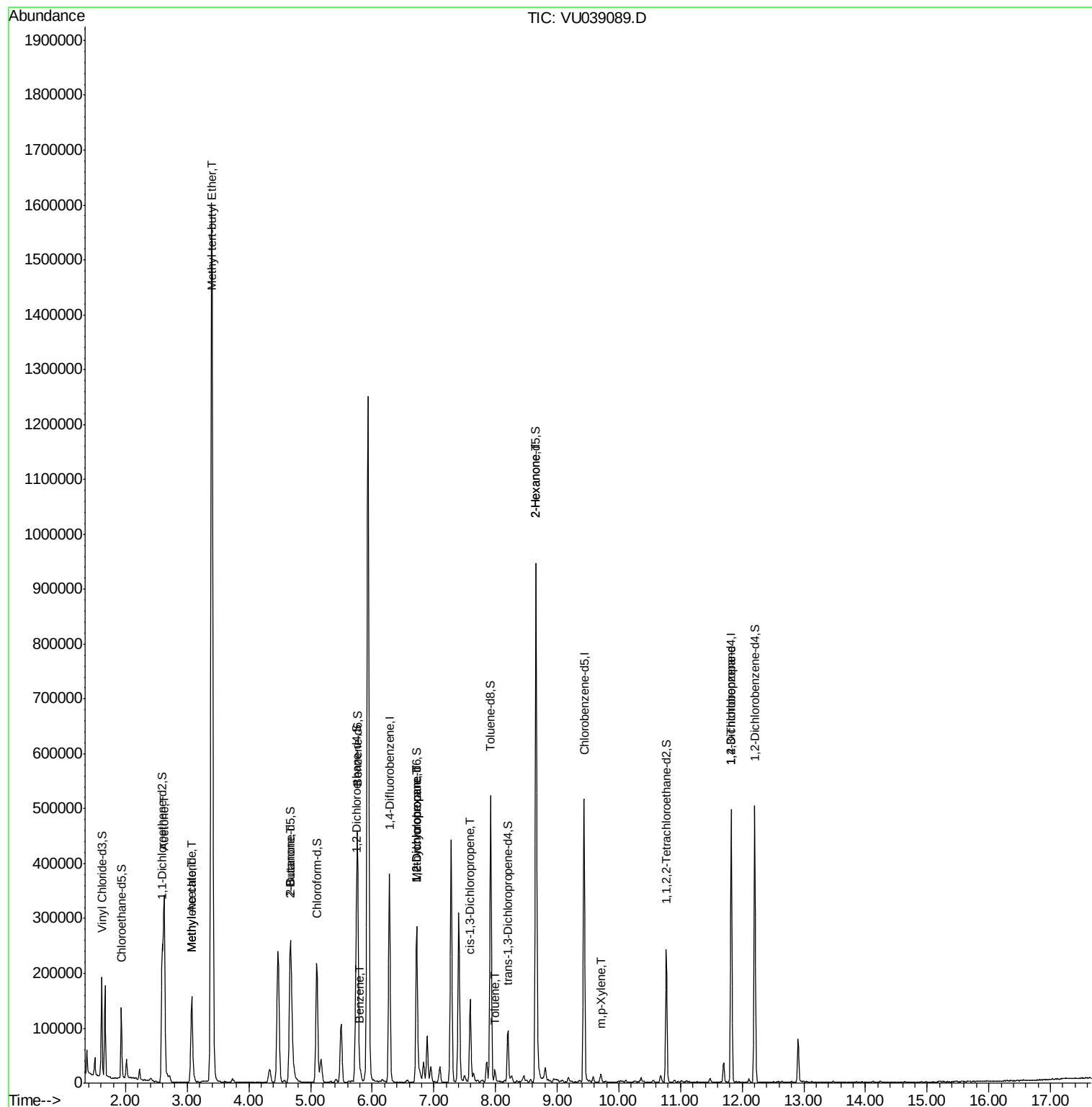
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.62	43	124006	24.063	ug/L	51
15) Methyl Acetate	3.07	43	100304	8.198	ug/L #	55
16) Methylene chloride	3.07	84	1985	0.081	ug/L #	1
17) Methyl tert-butyl Ether	3.40	73	1752224	30.950	ug/L	99
21) 2-Butanone	4.69	43	17136	2.187	ug/L #	54
33) Benzene	5.81	78	14153	0.164	ug/L	100
35) Methylcyclohexane	6.72	83	32292	1.045	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14197	0.609	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	3657	0.113	ug/L #	43
42) Toluene	7.99	91	14713	0.172	ug/L	90
48) 2-Hexanone	8.65	43	48358	3.789	ug/L #	64
53) m,p-Xylene	9.71	106	4203	0.127	ug/L	95
59) 1,2,3-Trichloropropane	11.82	75	17173	0.976	ug/L	96

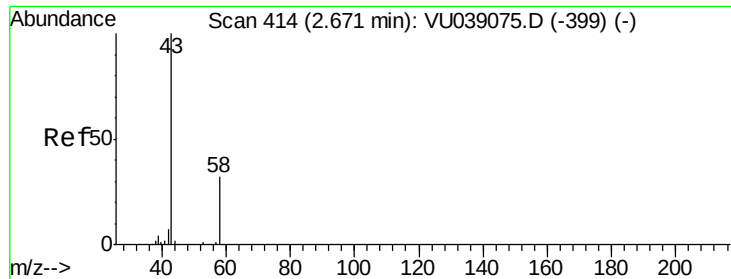
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062420\
Data File : VU039089.D
Acq On : 25 Jun 2020 02:35
Operator : SY/MD
Sample : L3110-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F20

Quant Time: Jun 25 03:57:42 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





#13

Acetone

Concen: 24.063 ug/L

RT: 2.62 min Scan# 399

Delta R.T. -0.05 min

Lab File: VU039089.D

Acq: 25 Jun 2020 02:35

Instrument :

MSVOA_U

ClientSampleId :

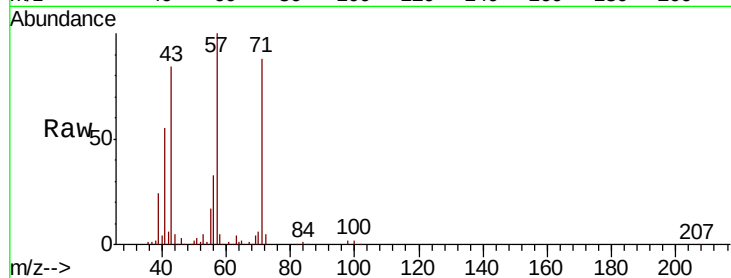
F9F20

Tot Ion: 43 Resp: 124006

Ion Ratio Lower Upper

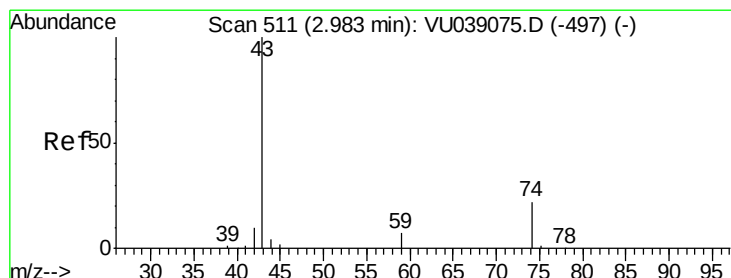
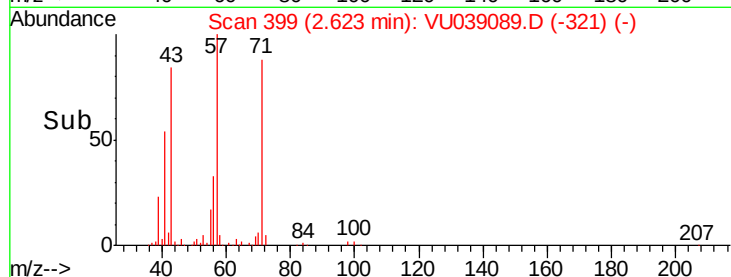
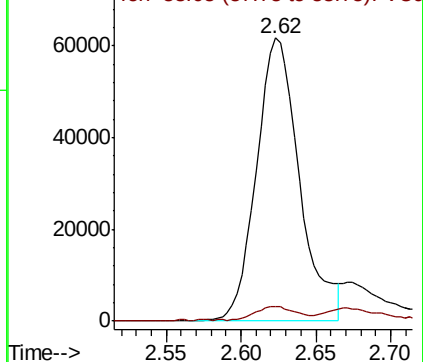
43 100

58 4.5 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU039089.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU039089.D (-399) (-)



#15

Methyl Acetate

Concen: 8.198 ug/L

RT: 3.07 min Scan# 539

Delta R.T. 0.09 min

Lab File: VU039089.D

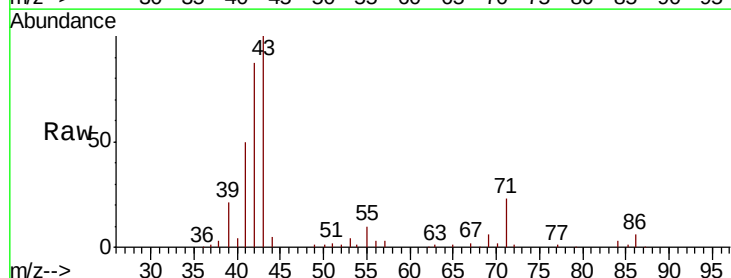
Acq: 25 Jun 2020 02:35

Tgt Ion: 43 Resp: 100304

Ion Ratio Lower Upper

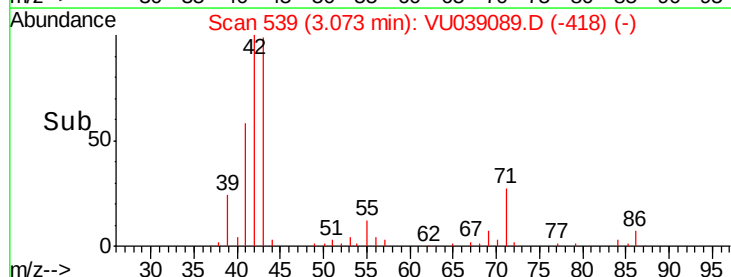
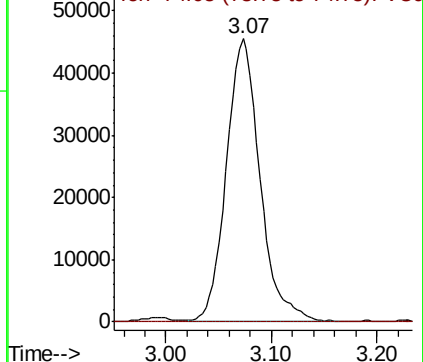
43 100

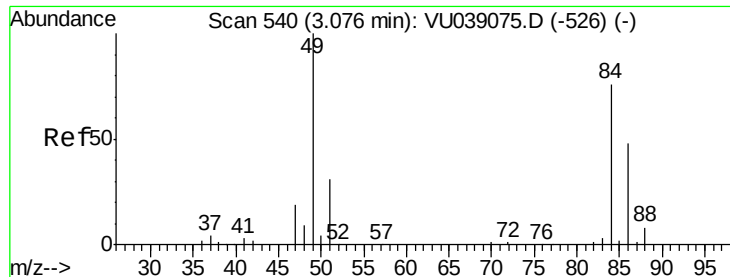
74 0.1 17.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU039089.D (-539) (-)

Ion 74.05 (73.75 to 74.75): VU039089.D (-539) (-)

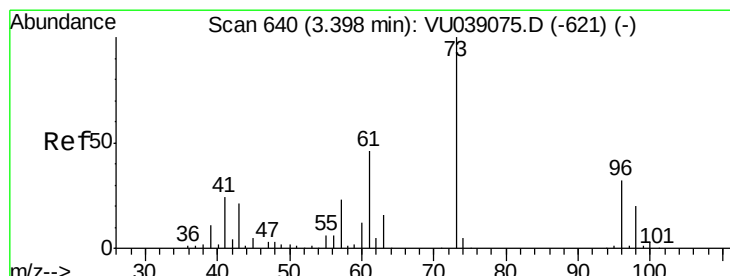
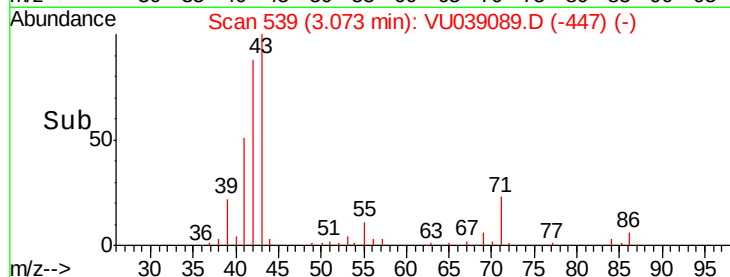
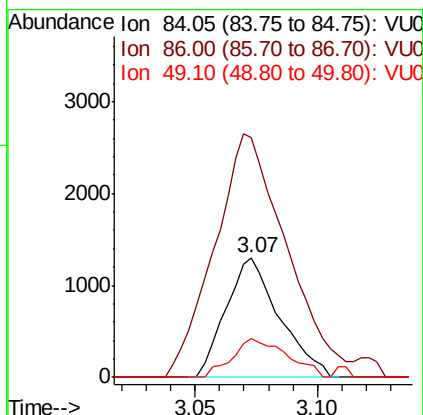
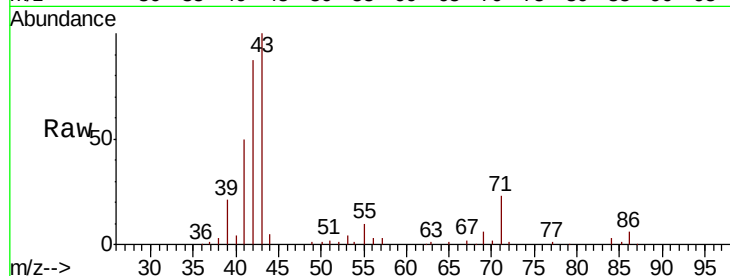




#16
Methylene chloride
Concen: 0.081 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU039089.D
Acq: 25 Jun 2020 02:35

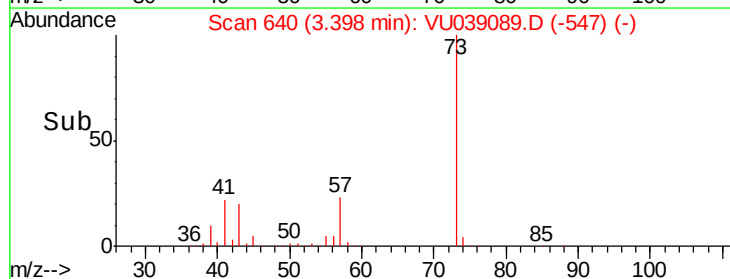
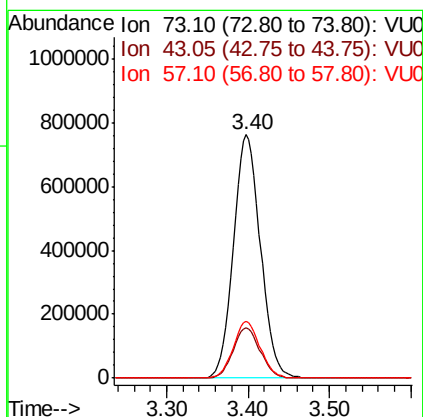
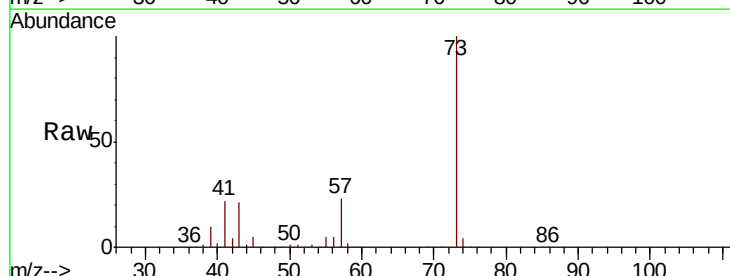
Instrument :
MSVOA_U
ClientSampleId :
F9F20

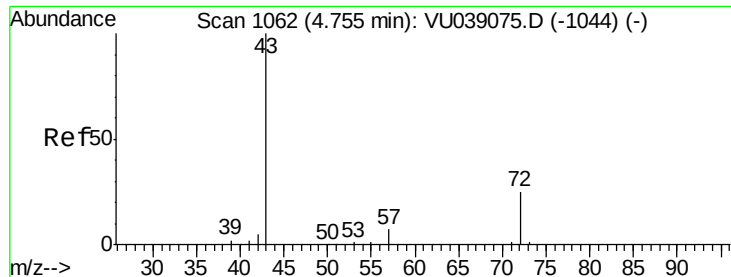
Tot Ion: 84 Resp: 1985
Ion Ratio Lower Upper
84 100
86 199.8 44.1 81.9#
49 31.8 93.1 172.9#



#17
Methyl tert-butyl Ether
Concen: 30.950 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU039089.D
Acq: 25 Jun 2020 02:35

Tgt Ion: 73 Resp: 1752224
Ion Ratio Lower Upper
73 100
43 20.8 16.6 24.8
57 23.2 18.2 27.4





#21

2-Butanone

Concen: 2.187 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.07 min

Lab File: VU039089.D

Acq: 25 Jun 2020 02:35

Instrument :

MSVOA_U

ClientSampleId :

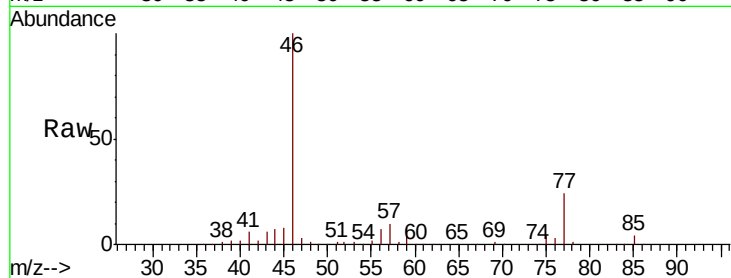
F9F20

Tot Ion: 43 Resp: 17136

Ion Ratio Lower Upper

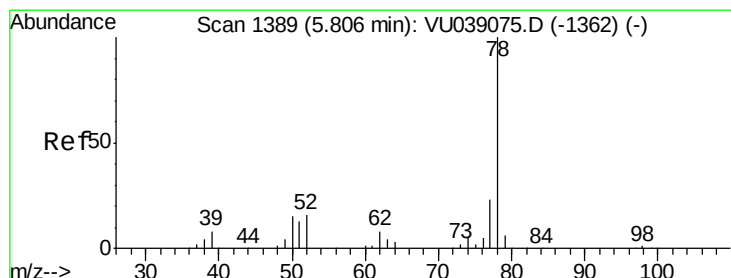
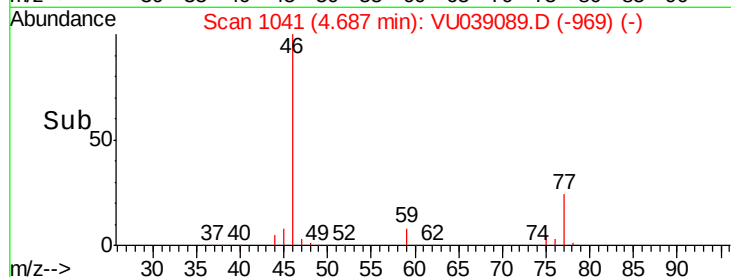
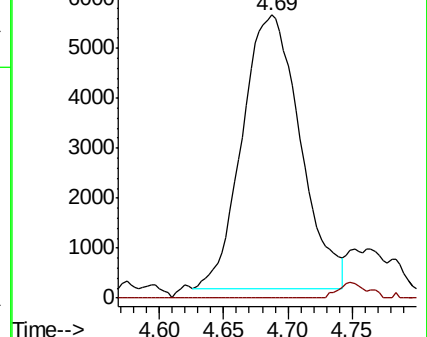
43 100

72 2.9 13.1 39.3#



Abundance Ion 43.05 (42.75 to 43.75): VU039075.D (-1044) (-)

Ion 72.10 (71.80 to 72.80): VU039075.D (-1044) (-)



#33

Benzene

Concen: 0.164 ug/L

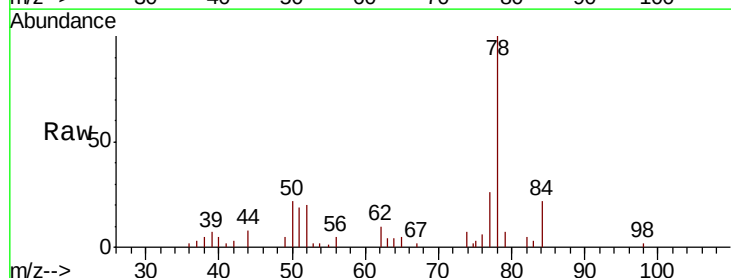
RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

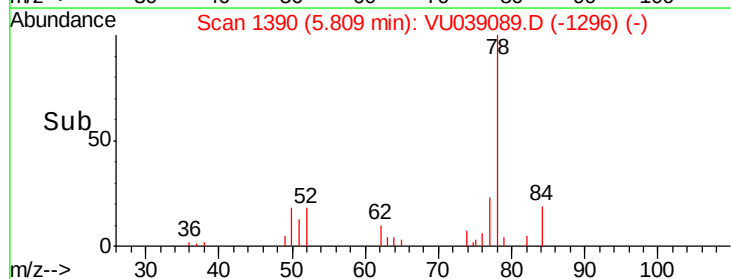
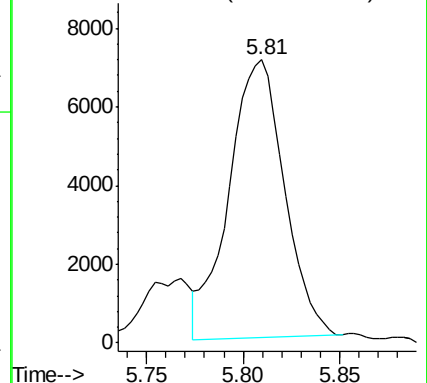
Lab File: VU039089.D

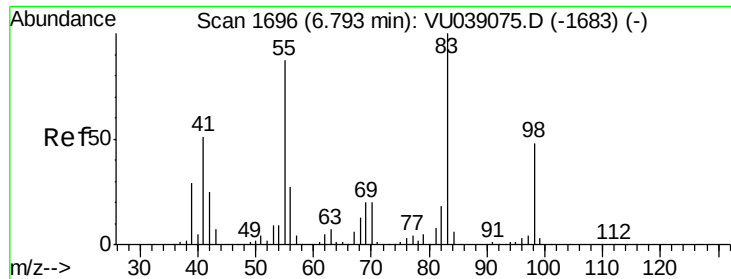
Acq: 25 Jun 2020 02:35

Tgt Ion: 78 Resp: 14153



Abundance Ion 78.10 (77.80 to 78.80): VU039075.D (-1362) (-)

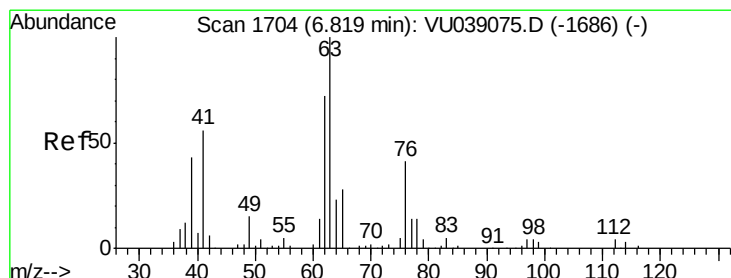
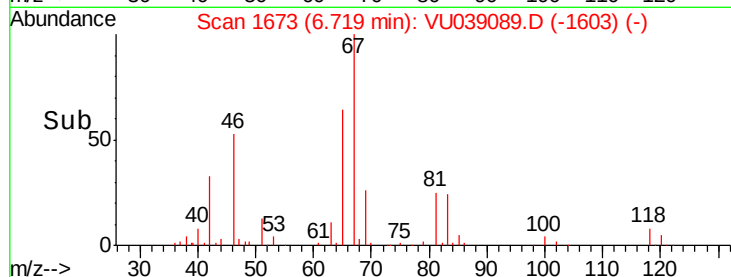
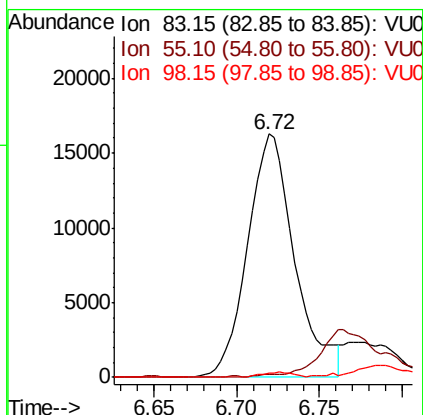
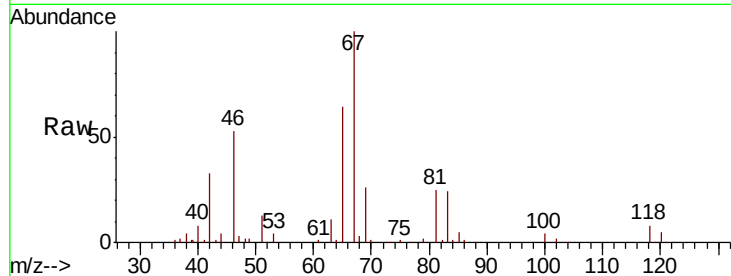




#35
Methylvlcyclohexane
Concen: 1.045 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039089.D
Acq: 25 Jun 2020 02:35

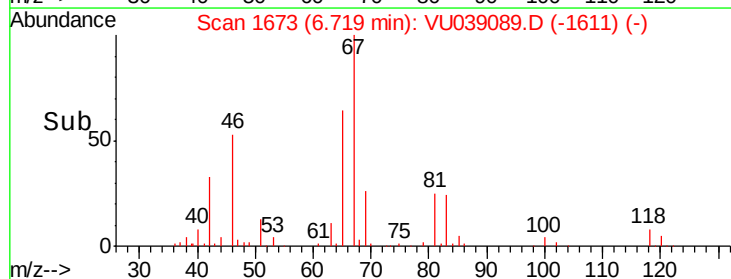
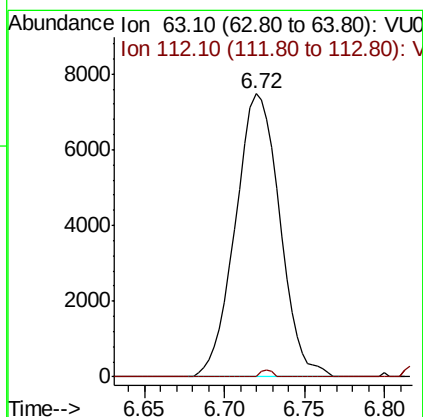
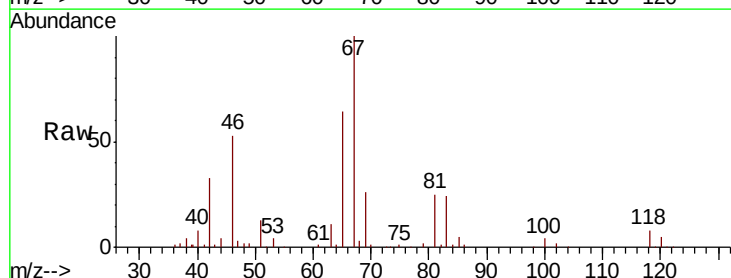
Instrument :
MSVOA_U
ClientSampleId :
F9F20

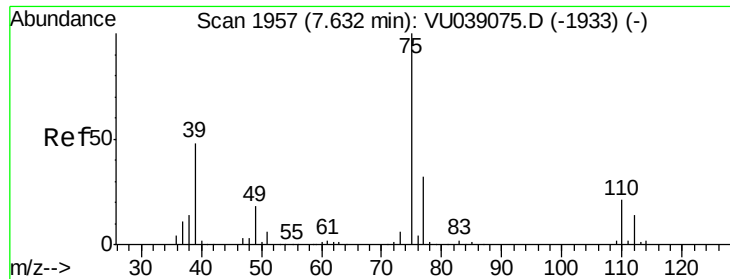
Tot Ion: 83 Resp: 32292
Ion Ratio Lower Upper
83 100
55 0.0 65.5 98.3#
98 1.3 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.609 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039089.D
Acq: 25 Jun 2020 02:35

Tgt Ion: 63 Resp: 14197
Ion Ratio Lower Upper
63 100
112 0.6 3.4 5.2#

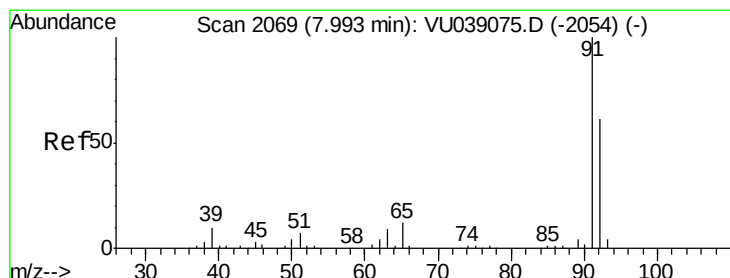
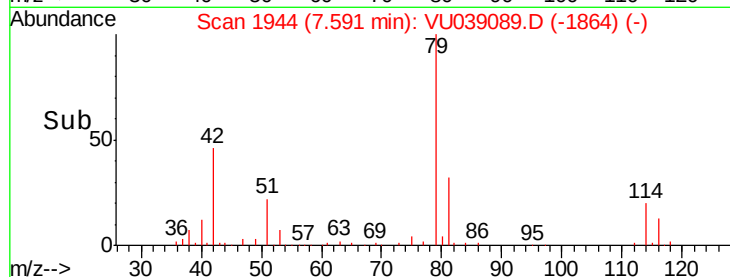
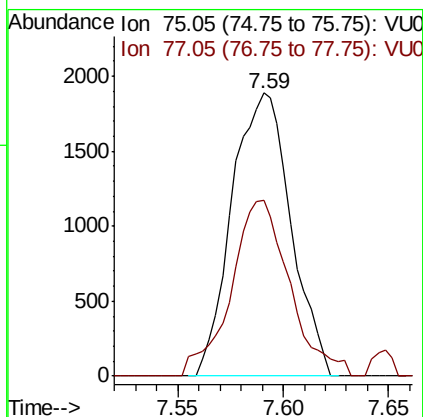
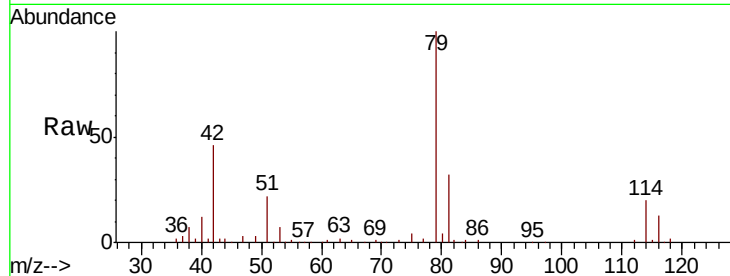




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039089.D
 Acq: 25 Jun 2020 02:35

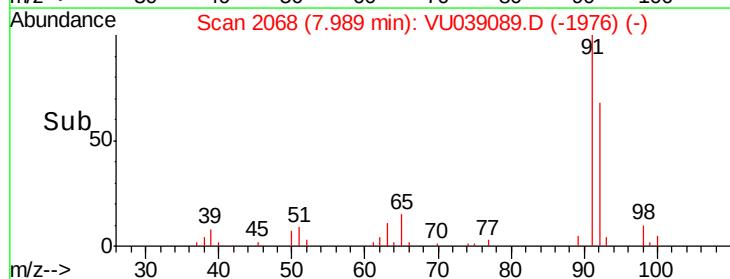
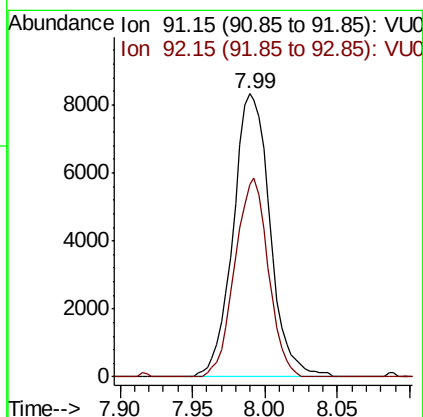
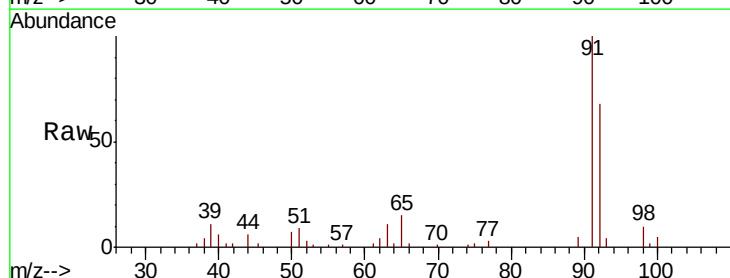
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F20

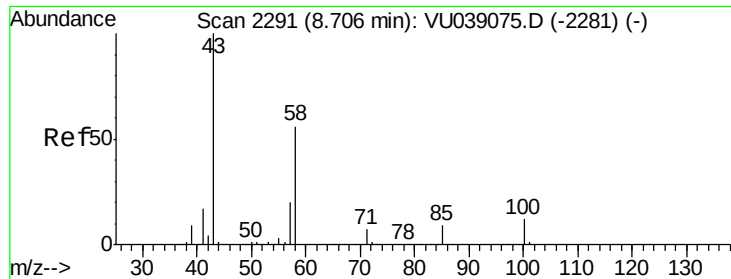
Tot Ion: 75 Resp: 3657
 Ion Ratio Lower Upper
 75 100
 77 62.1 21.6 40.0#



#42
 Toluene
 Concen: 0.172 ug/L
 RT: 7.99 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: VU039089.D
 Acq: 25 Jun 2020 02:35

Tgt Ion: 91 Resp: 14713
 Ion Ratio Lower Upper
 91 100
 92 67.8 42.1 78.1

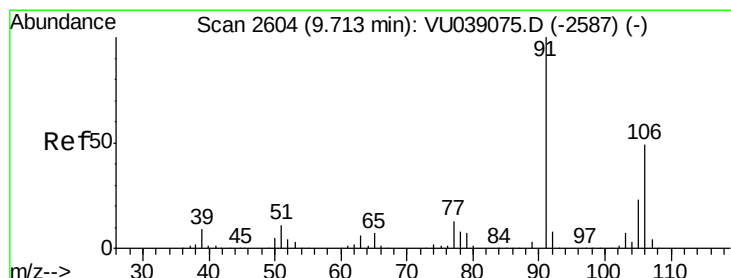
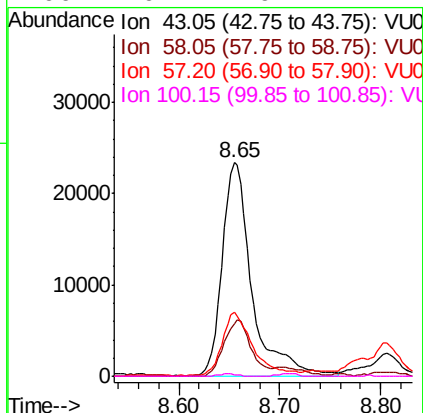
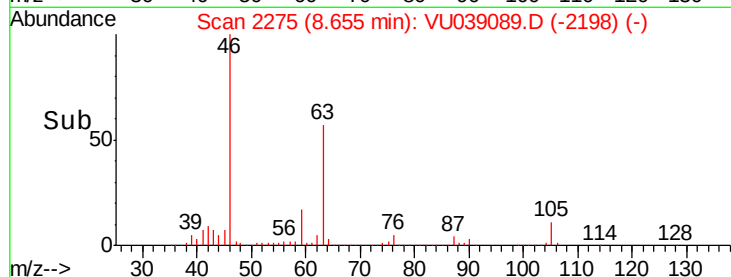
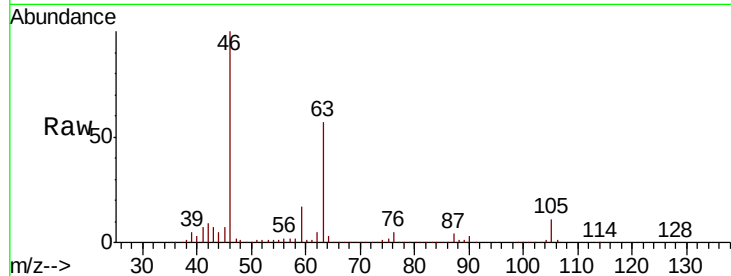




#48
2-Hexanone
Concen: 3.789 ug/L
RT: 8.65 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU039089.D
Acq: 25 Jun 2020 02:35

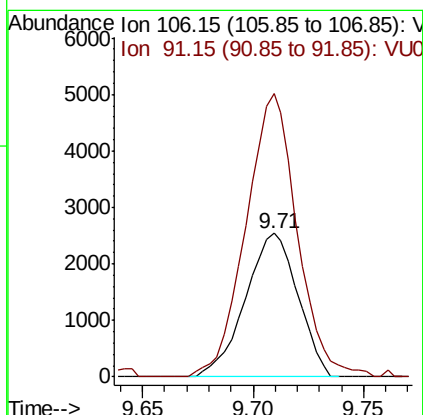
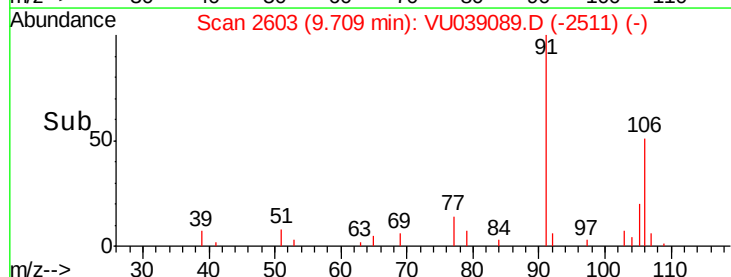
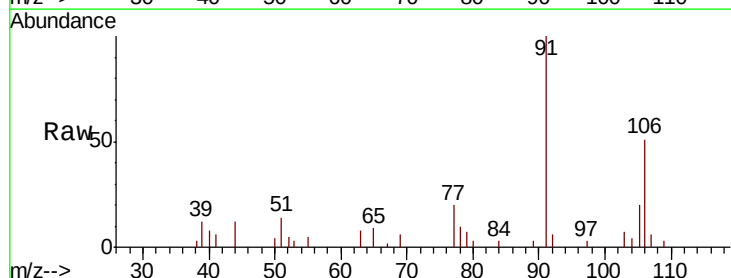
Instrument :
MSVOA_U
ClientSampled :
F9F20

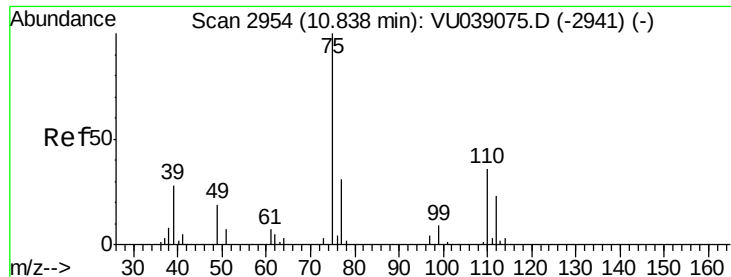
Tot Ion: 43 Resp: 48358
Ion Ratio Lower Upper
43 100
58 24.3 44.0 66.0#
57 29.6 15.0 22.6#
100 0.7 9.4 14.2#



#53
m,p-Xylene
Concen: 0.127 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU039089.D
Acq: 25 Jun 2020 02:35

Tgt Ion: 106 Resp: 4203
Ion Ratio Lower Upper
106 100
91 197.3 143.6 266.8





#59

1,2,3-Trichloropropane

Concen: 0.976 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039089.D

Acq: 25 Jun 2020 02:35

Instrument :

MSVOA_U

ClientSampleId :

F9F20

Tot Ion: 75 Resp: 17173

Ion Ratio Lower Upper

75 100

77 35.0 26.2 39.2

