

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039935.D
 Acq On : 21 Aug 2020 18:02
 Operator : SY/MD
 Sample : L3776-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y11

Quant Time: Aug 22 00:49:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 22 00:45:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71744	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77881	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27378	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.92	69	26476	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.58	63	35122	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.65	46	102561	51.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.42%
24) Chloroform-d	5.09	84	56577	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.72	65	33441	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.75	84	105541	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.70	67	33699	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.91	98	87954	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.19	79	13225	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.64	63	75720	46.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30048	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	35333	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

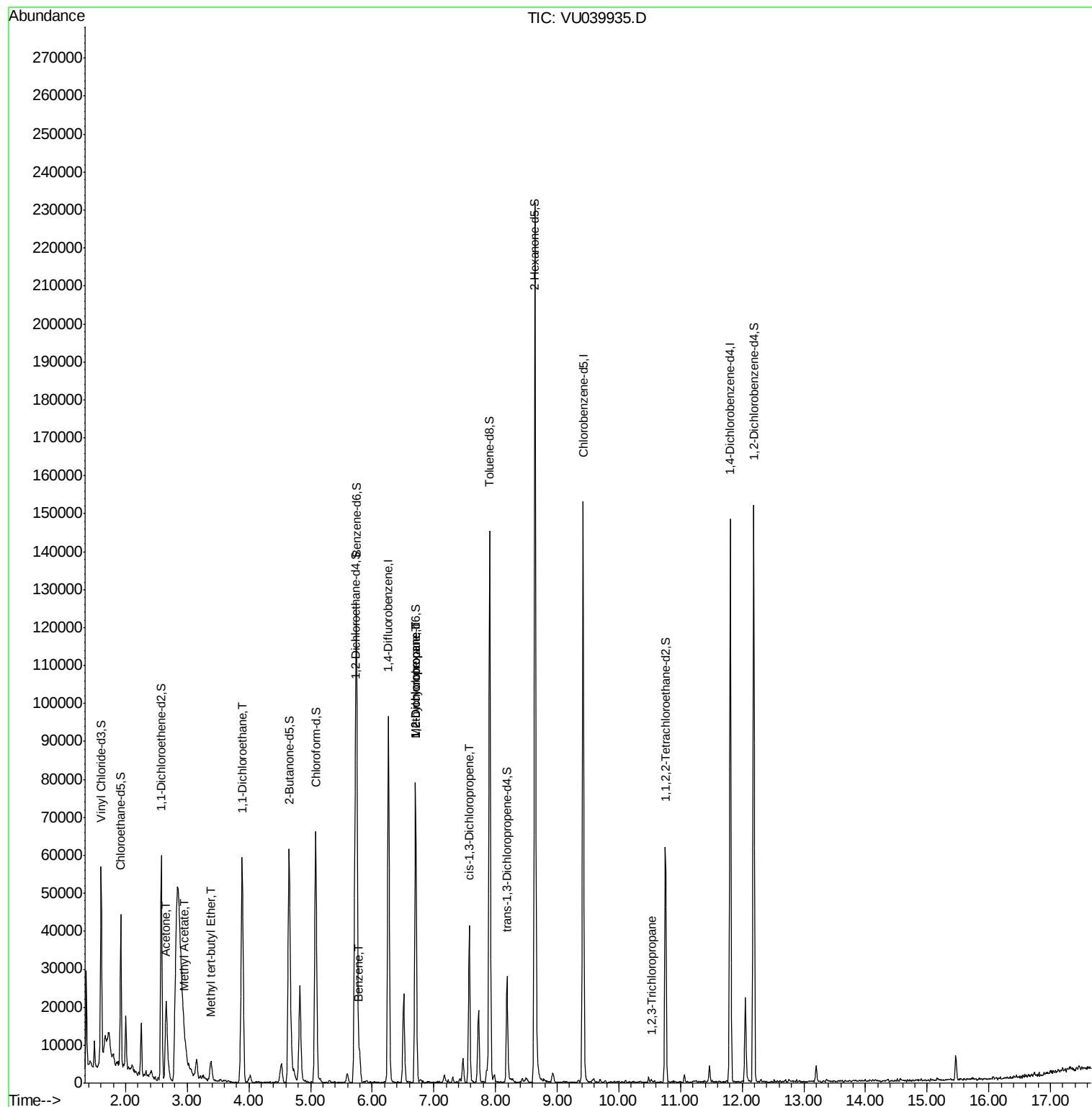
					Ovalue
13) Acetone	2.66	43	34890	25.496	ug/L # 39
15) Methyl Acetate	2.97	43	2055	0.585	ug/L # 56
17) Methyl tert-butyl Ether	3.38	73	5187	0.328	ug/L # 92
19) 1,1-Dichloroethane	3.89	63	63196	5.231	ug/L 98
33) Benzene	5.79	78	6858	0.242	ug/L 100
35) Methylcyclohexane	6.70	83	7613	0.677	ug/L # 17
37) 1,2-Dichloropropane	6.71	63	3853	0.512	ug/L # 85
39) cis-1,3-Dichloropropene	7.58	75	1180	0.112	ug/L # 68
59) 1,2,3-Trichloropropane	10.52	75	463	0.086	ug/L # 70

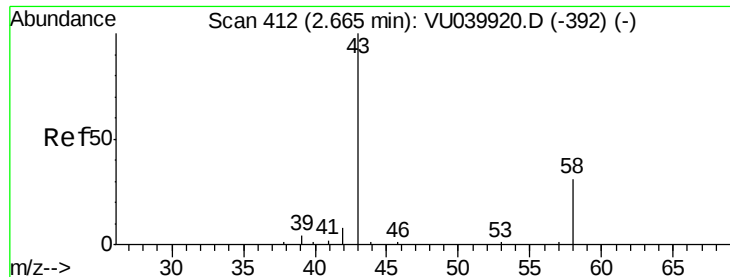
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 22 00:45:05 2020
Response via : Initial Calibration





#13

Acetone

Concen: 25.496 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039935.D

Acq: 21 Aug 2020 18:02

Instrument :

MSVOA_U

ClientSampleId :

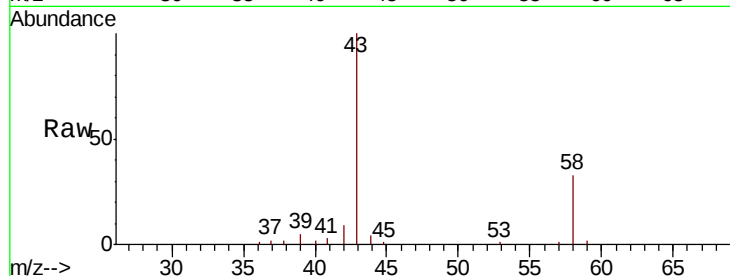
F4Y11

Tot Ion: 43 Resp: 34890

Ion Ratio Lower Upper

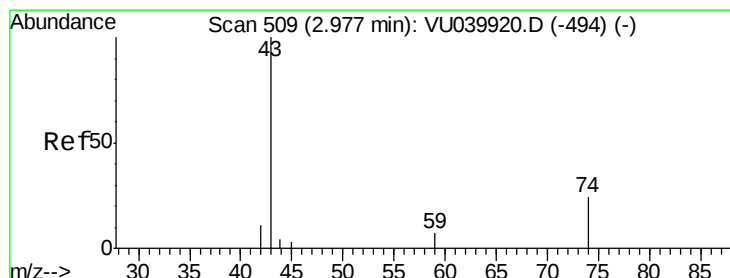
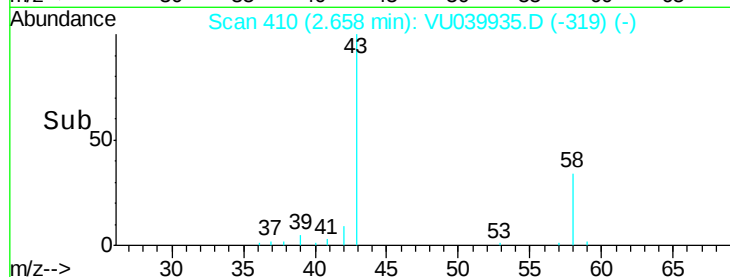
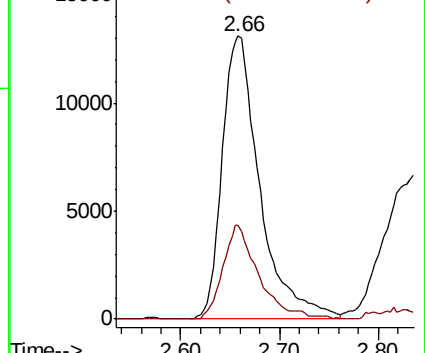
43 100

58 31.8 0.0 19.0#



Abundance Ion 43.05 (42.75 to 43.75): VU039935.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU039935.D (-319) (-)



#15

Methyl Acetate

Concen: 0.585 ug/L

RT: 2.97 min Scan# 506

Delta R.T. -0.01 min

Lab File: VU039935.D

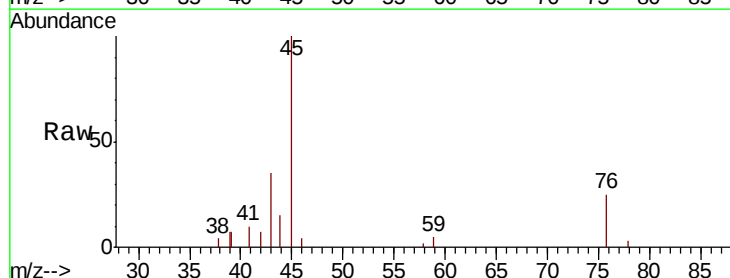
Acq: 21 Aug 2020 18:02

Tgt Ion: 43 Resp: 2055

Ion Ratio Lower Upper

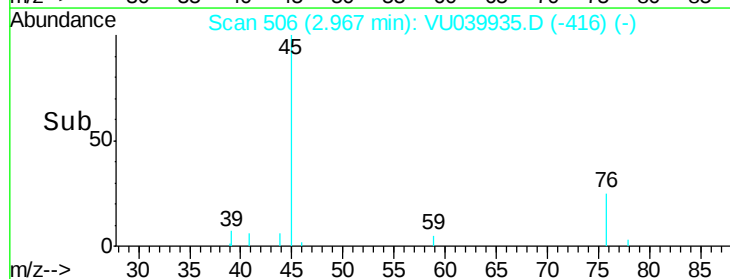
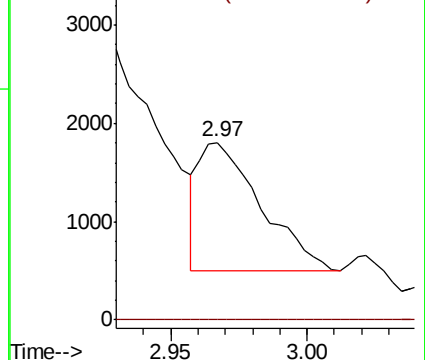
43 100

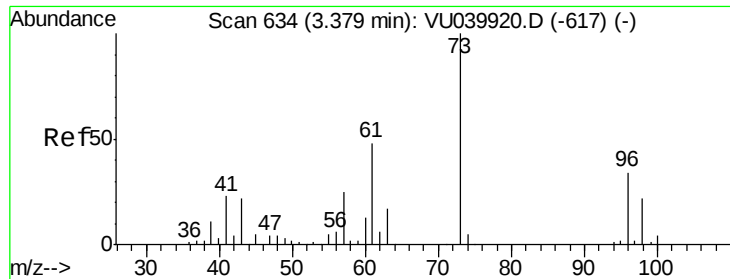
74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU039935.D (-416) (-)

Ion 74.05 (73.75 to 74.75): VU039935.D (-416) (-)

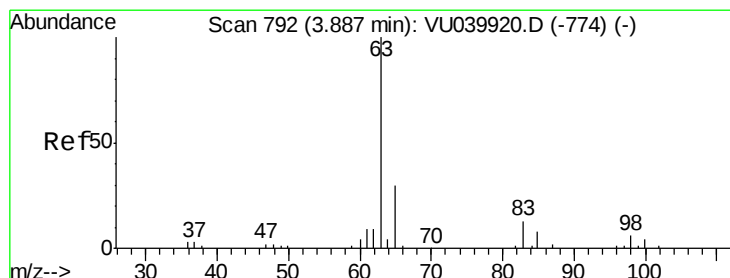
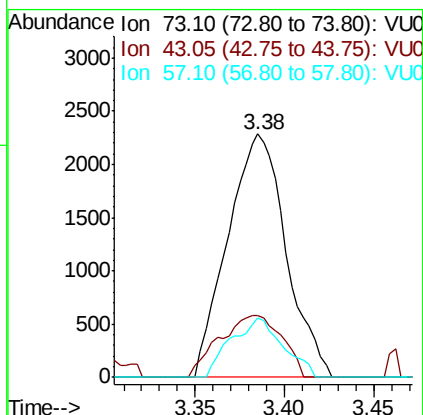
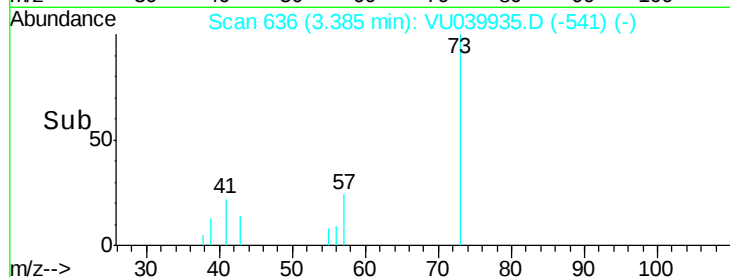
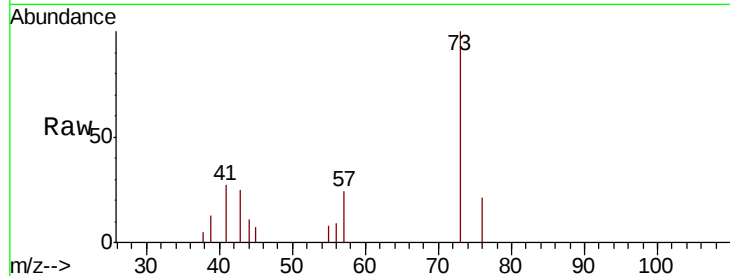




#17
Methvl tert-butvl Ether
Concen: 0.328 ug/L
RT: 3.38 min Scan# 636
Delta R.T. 0.01 min
Lab File: VU039935.D
Acq: 21 Aug 2020 18:02

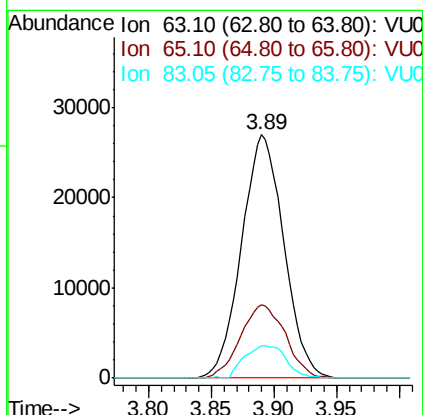
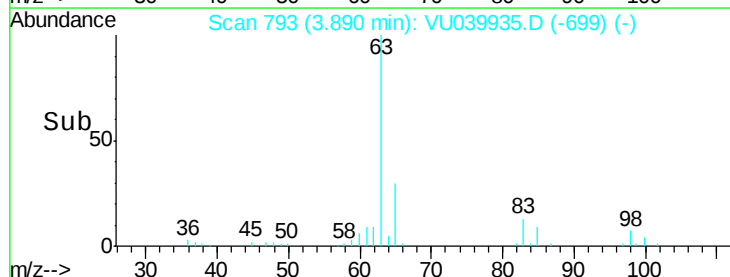
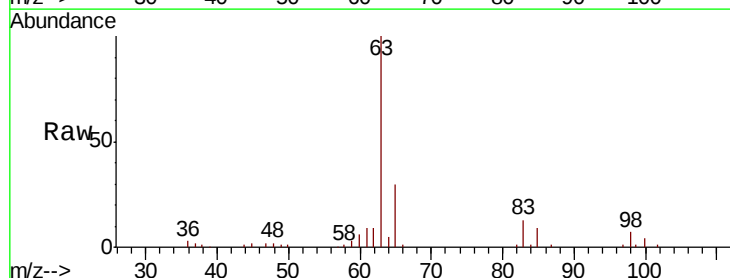
Instrument :
MSVOA_U
ClientSampleId :
F4Y11

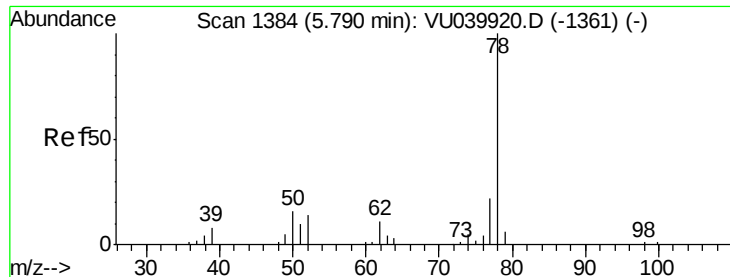
Tot Ion: 73 Resp: 5187
Ion Ratio Lower Upper
73 100
43 27.2 16.6 24.8#
57 21.7 18.2 27.4



#19
1,1-Dichloroethane
Concen: 5.231 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU039935.D
Acq: 21 Aug 2020 18:02

Tgt Ion: 63 Resp: 63196
Ion Ratio Lower Upper
63 100
65 30.1 21.6 40.0
83 13.1 10.3 19.1

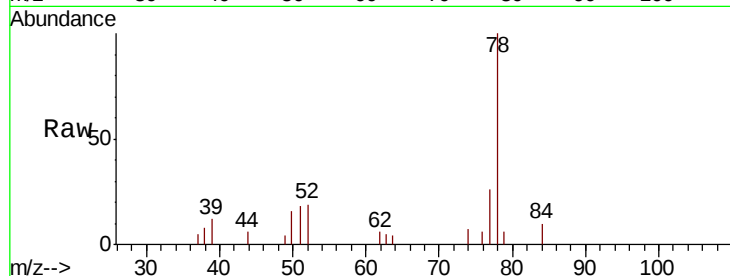




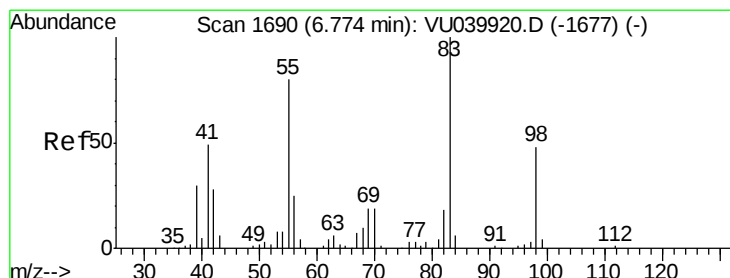
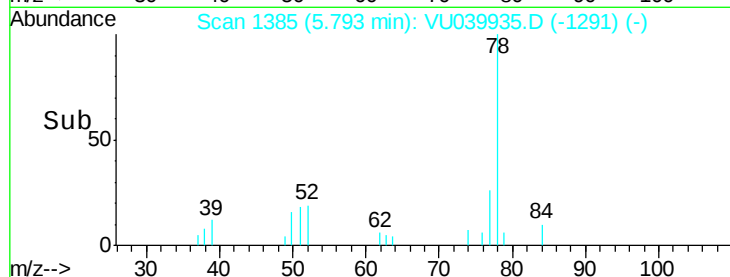
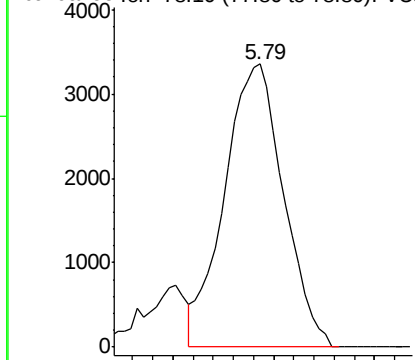
#33
Benzene
Concen: 0.242 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU039935.D
Acq: 21 Aug 2020 18:02

Instrument :
MSVOA_U
ClientSampleId :
F4Y11

Tgt Ion: 78 Resp: 6858

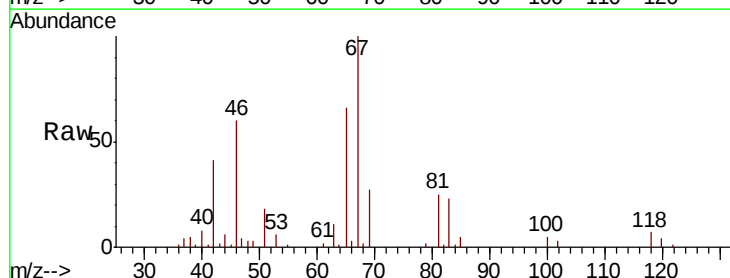


Abundance Ion 78.10 (77.80 to 78.80): VU0



#35
Methylcyclohexane
Concen: 0.677 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039935.D
Acq: 21 Aug 2020 18:02

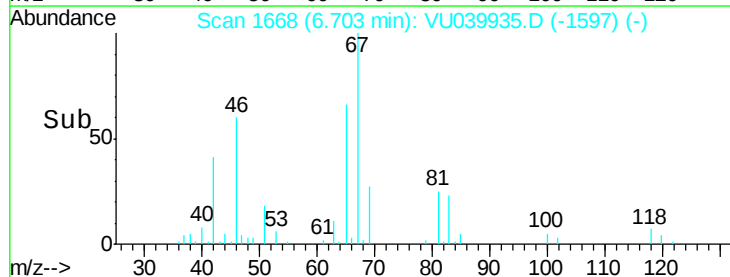
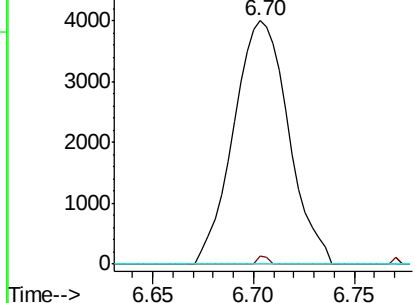
Tgt Ion: 83 Resp: 7613
Ion Ratio Lower Upper
83 100
55 0.6 64.1 96.1#
98 0.0 39.4 59.0#

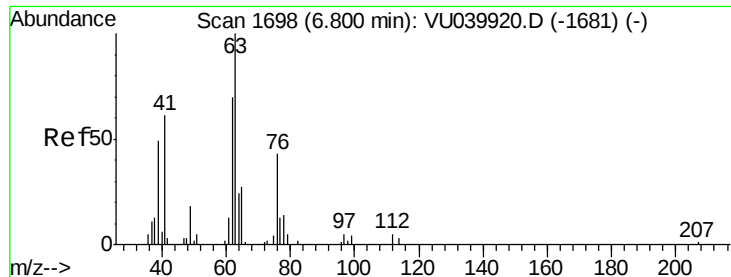


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.512 ug/L

RT: 6.71 min Scan# 1670

Delta R.T. -0.09 min

Lab File: VU039935.D

Acq: 21 Aug 2020 18:02

Instrument :

MSVOA_U

ClientSampleId :

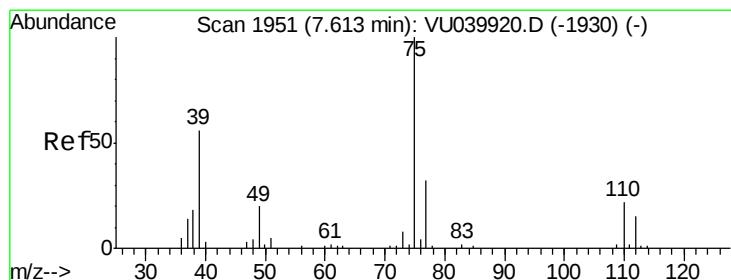
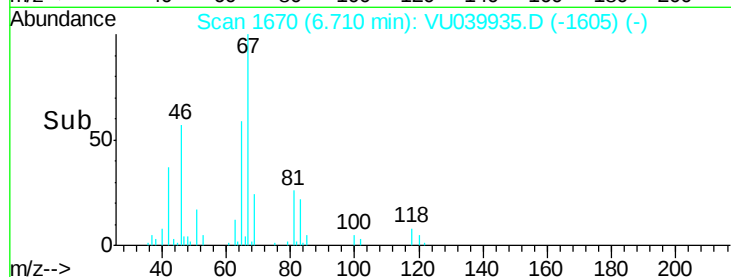
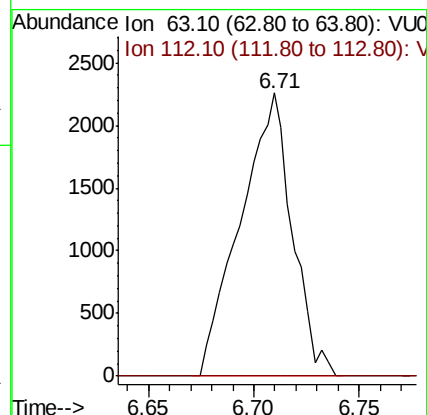
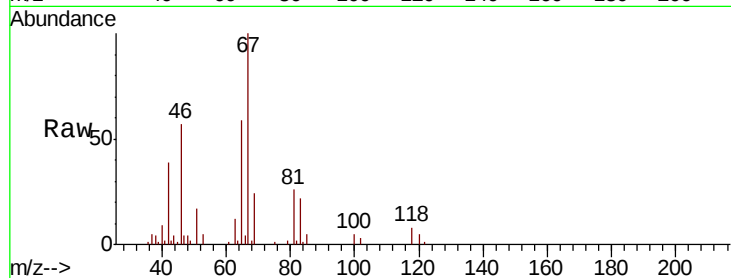
F4Y11

Tot Ion: 63 Resp: 3853

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039935.D

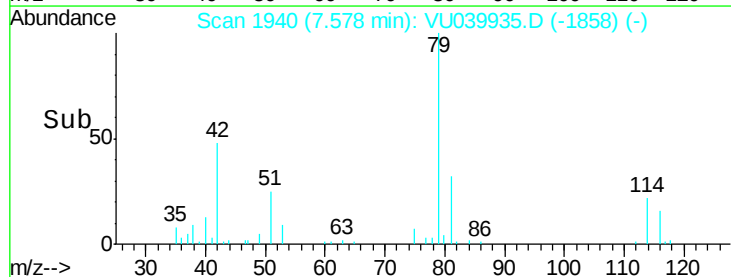
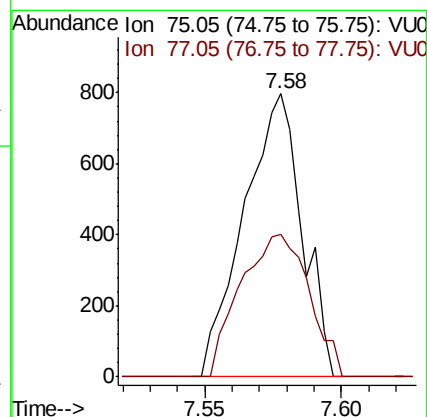
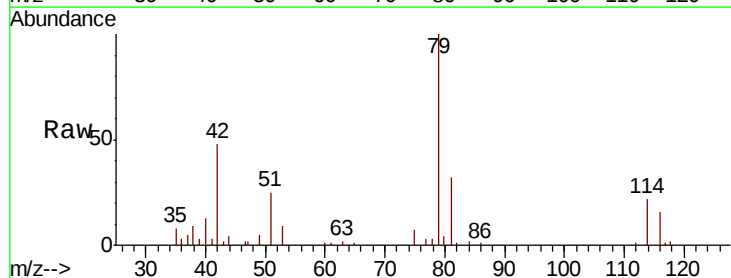
Acq: 21 Aug 2020 18:02

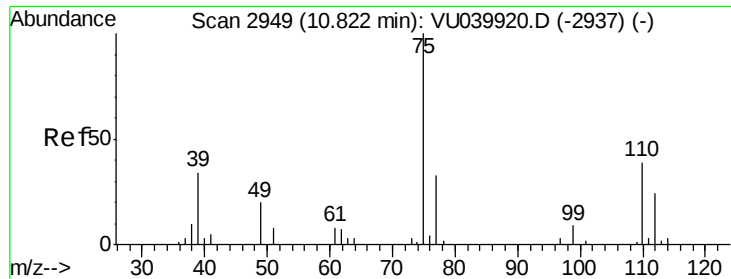
Tgt Ion: 75 Resp: 1180

Ion Ratio Lower Upper

75 100

77 50.2 22.6 42.0#





#59

1,2,3-Trichloropropane

Concen: 0.086 ug/L

RT: 10.52 min Scan# 2855

Delta R.T. -0.30 min

Lab File: VU039935.D

Acq: 21 Aug 2020 18:02

Instrument :

MSVOA_U

ClientSampleId :

F4Y11

Tot Ion: 75 Resp: 463

Ion Ratio Lower Upper

75 100

77 16.8 27.4 41.2#

