

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039936.D
 Acq On : 21 Aug 2020 18:26
 Operator : SY/MD
 Sample : L3776-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y12

Quant Time: Aug 22 00:49:38 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	79352	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70892	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34698	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27013	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.92	69	25429	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.58	63	36404	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	4.65	46	101813	45.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.92%
24) Chloroform-d	5.08	84	56405	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.72	65	32016	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.74	84	107651	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.70	67	36233	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.91	98	83861	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.19	79	12241	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.64	63	69190	46.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29048	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	35034	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

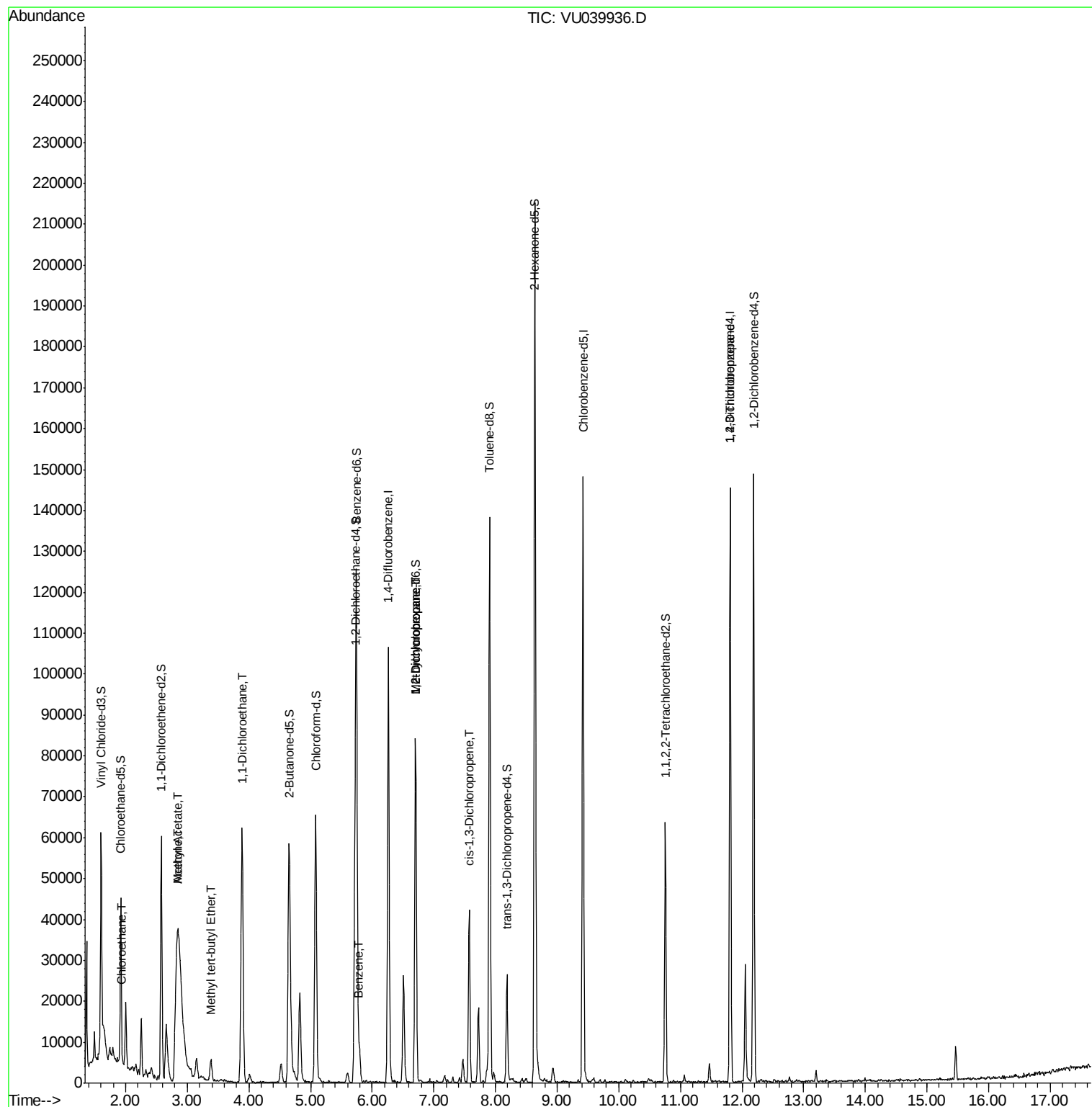
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	431	0.076	ug/L #	42
13) Acetone	2.84	43	21659	14.310	ug/L	79
15) Methyl Acetate	2.84	43	21659	5.575	ug/L #	56
17) Methyl tert-butyl Ether	3.38	73	5158	0.295	ug/L #	82
19) 1,1-Dichloroethane	3.89	63	66119	4.948	ug/L	99
33) Benzene	5.79	78	7723	0.300	ug/L	100
35) Methylcyclohexane	6.71	83	8209	0.801	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	4443	0.649	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1201	0.126	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	5174	1.055	ug/L	97

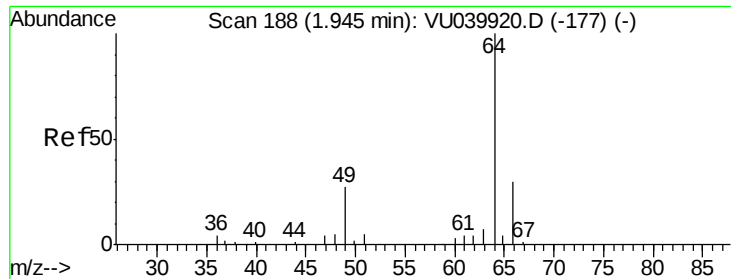
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#8

Chloroethane

Concen: 0.076 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU039936.D

Acq: 21 Aug 2020 18:26

Instrument :

MSVOA_U

ClientSampleId :

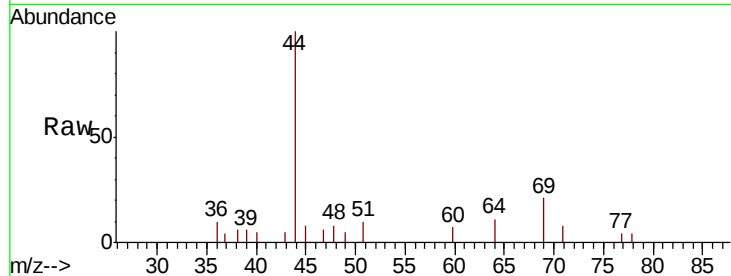
F4Y12

Tot Ion: 64 Resp: 431

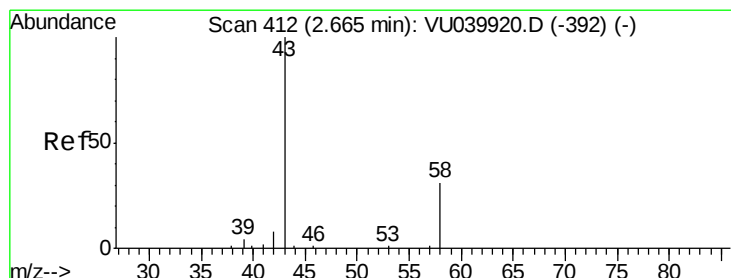
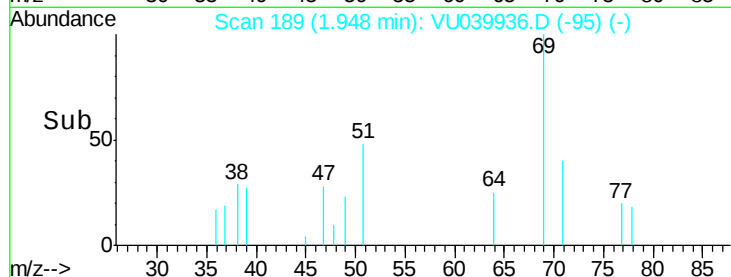
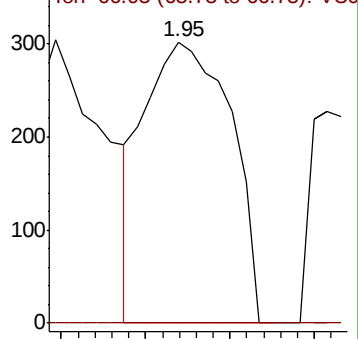
Ion Ratio Lower Upper

64 100

66 0.0 22.6 42.0#



Abundance Ion 64.10 (63.80 to 64.80): VU039936.D (-95) (-)



#13

Acetone

Concen: 14.310 ug/L

RT: 2.84 min Scan# 467

Delta R.T. 0.18 min

Lab File: VU039936.D

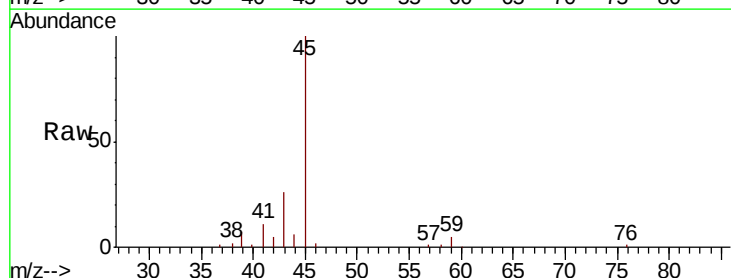
Acq: 21 Aug 2020 18:26

Tgt Ion: 43 Resp: 21659

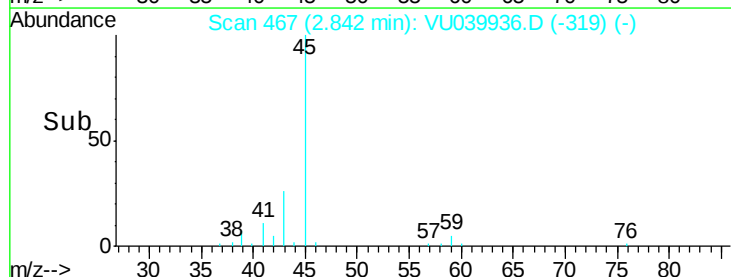
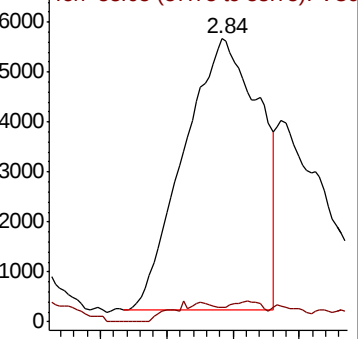
Ion Ratio Lower Upper

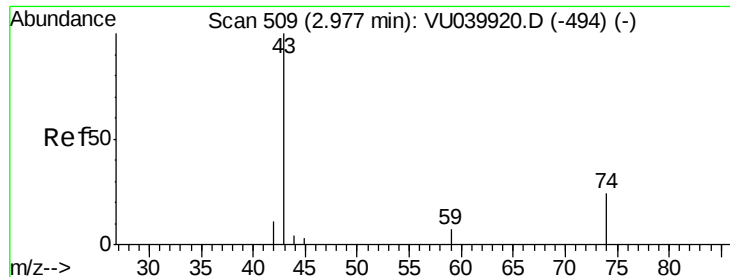
43 100

58 1.9 0.0 19.0



Abundance Ion 43.05 (42.75 to 43.75): VU039936.D (-319) (-)





#15

Methvl Acetate

Concen: 5.575 ug/L

RT: 2.84 min Scan# 467

Delta R.T. -0.14 min

Lab File: VU039936.D

Acq: 21 Aug 2020 18:26

Instrument :

MSVOA_U

ClientSampleId :

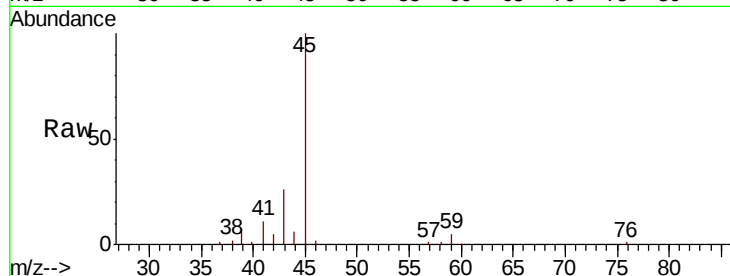
F4Y12

Tot Ion: 43 Resp: 21659

Ion Ratio Lower Upper

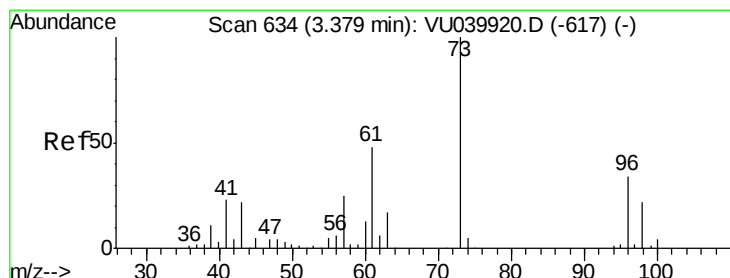
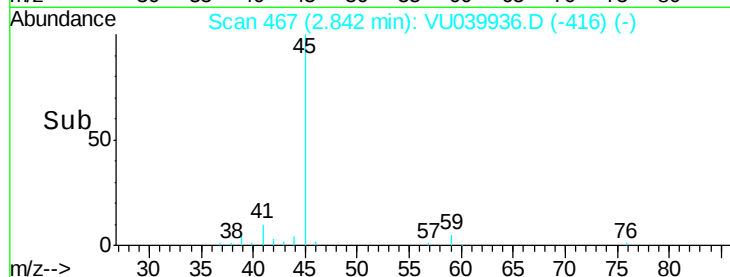
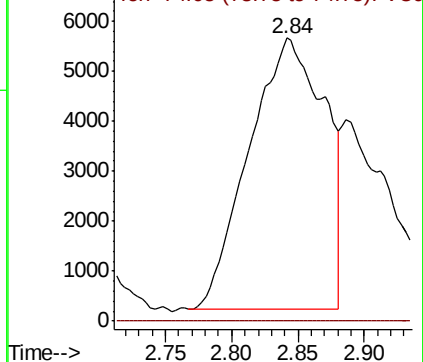
43 100

74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#17

Methyl tert-butyl Ether

Concen: 0.295 ug/L

RT: 3.38 min Scan# 634

Delta R.T. -0.00 min

Lab File: VU039936.D

Acq: 21 Aug 2020 18:26

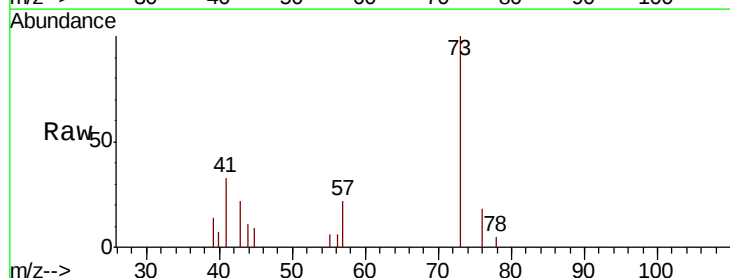
Tgt Ion: 73 Resp: 5158

Ion Ratio Lower Upper

73 100

43 12.4 16.6 24.8#

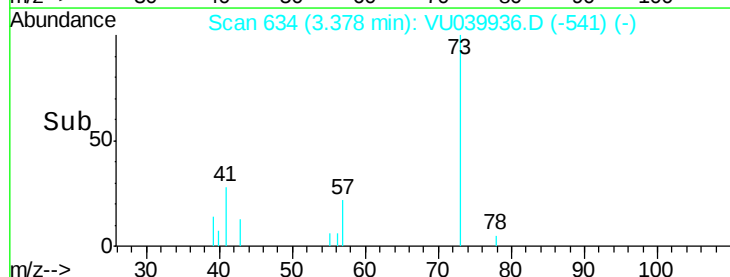
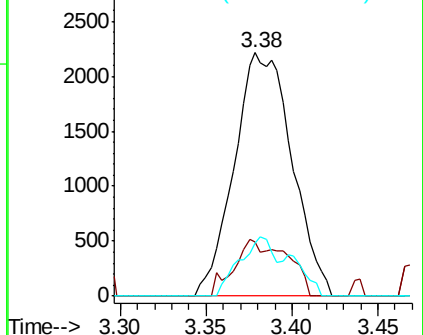
57 14.5 18.2 27.4#

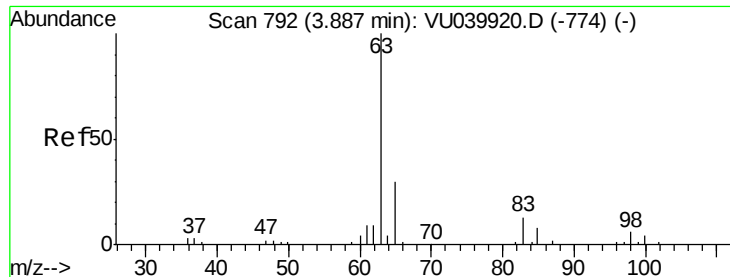


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

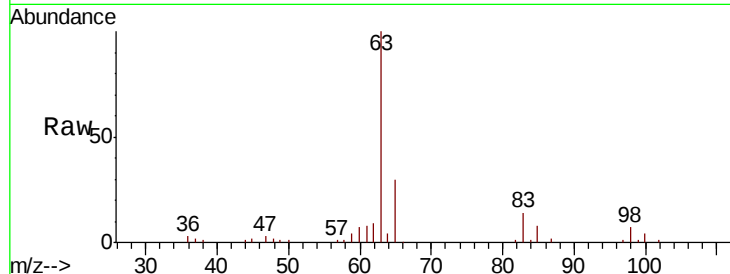




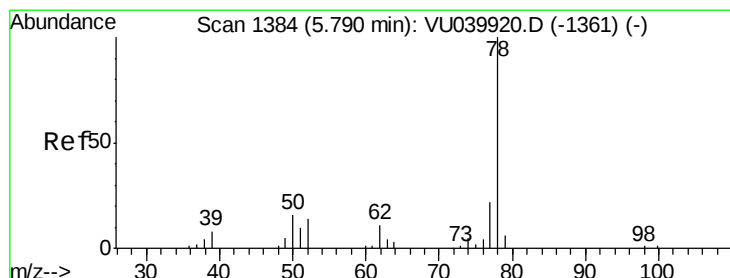
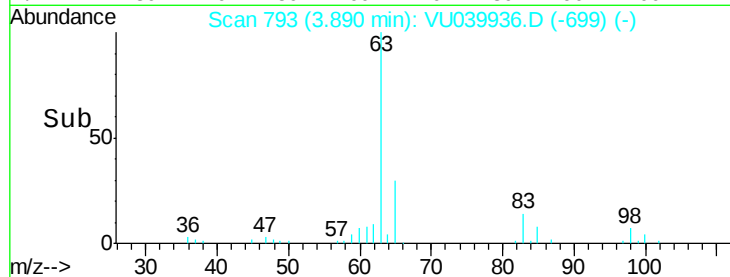
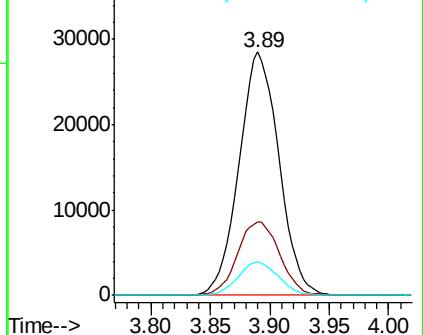
#19
 1,1-Dichloroethane
 Concen: 4.948 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU039936.D
 Acq: 21 Aug 2020 18:26

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y12

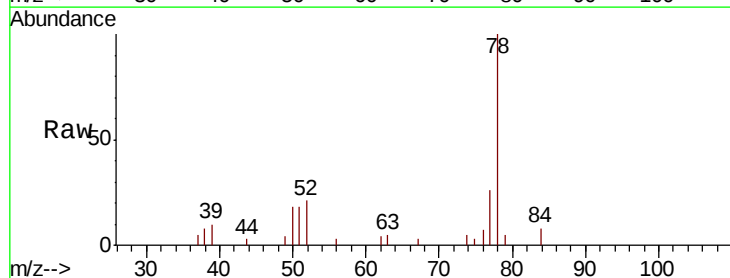
Tot Ion: 63 Resp: 66119
 Ion Ratio Lower Upper
 63 100
 65 30.4 21.6 40.0
 83 13.7 10.3 19.1



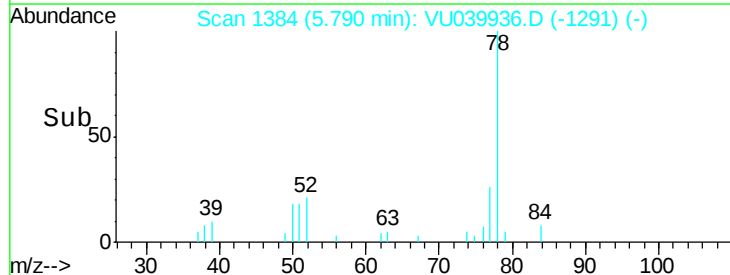
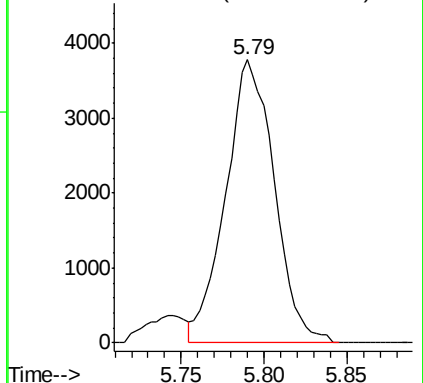
Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

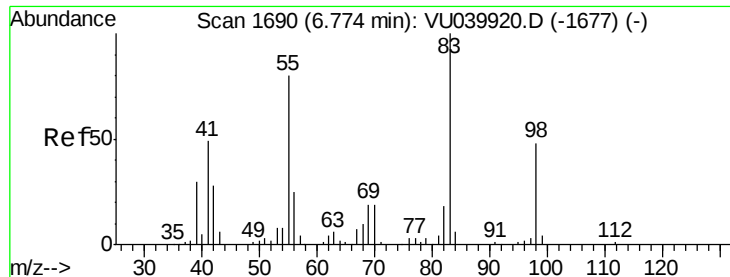


#33
 Benzene
 Concen: 0.300 ug/L
 RT: 5.79 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: VU039936.D
 Acq: 21 Aug 2020 18:26
 Tgt Ion: 78 Resp: 7723



Abundance Ion 78.10 (77.80 to 78.80): VU0

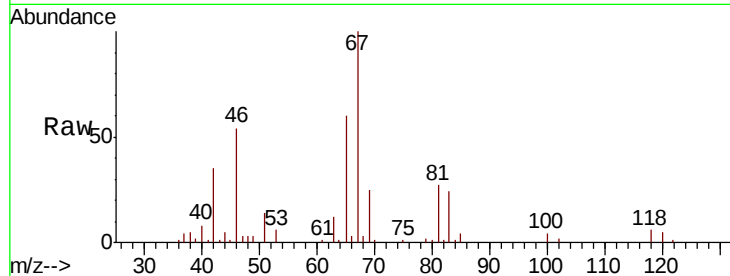




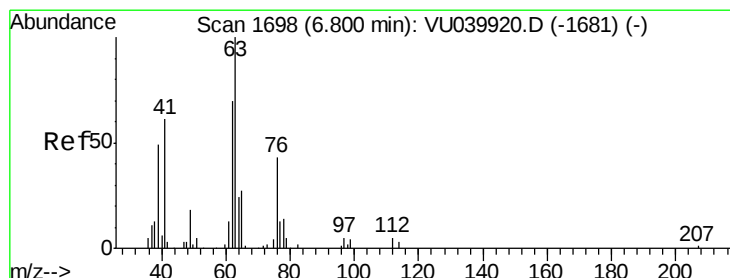
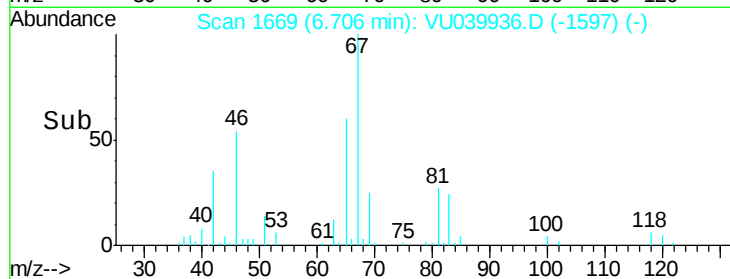
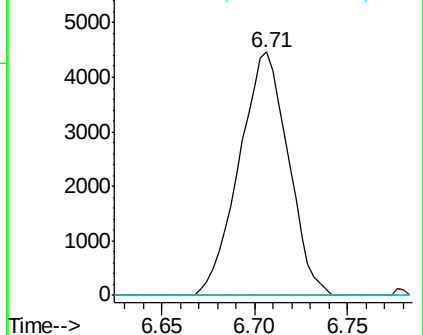
#35
Methvlcvclohexane
Concen: 0.801 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039936.D
Acq: 21 Aug 2020 18:26

Instrument :
MSVOA_U
ClientSampleId :
F4Y12

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.5	64.1	96.1#
98	0.0	39.4	59.0#

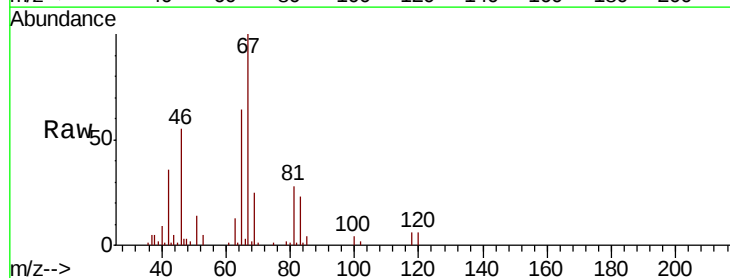


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

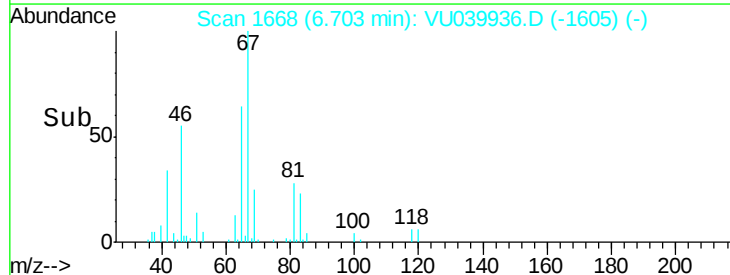
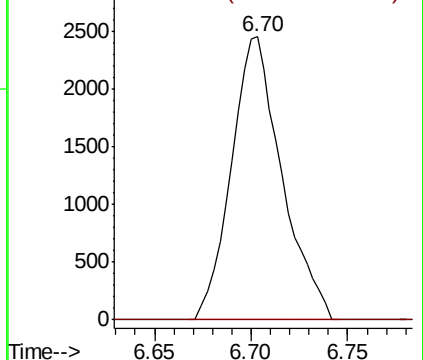


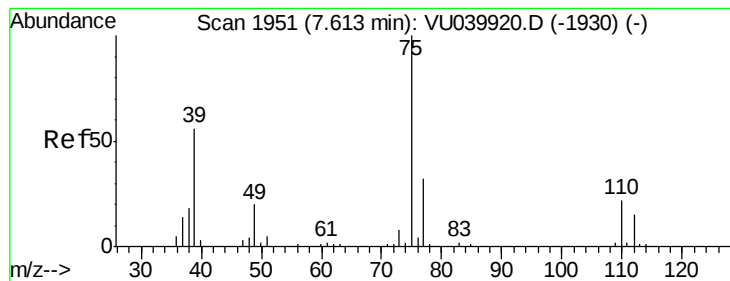
#37
1,2-Dichloropropane
Concen: 0.649 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039936.D
Acq: 21 Aug 2020 18:26

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



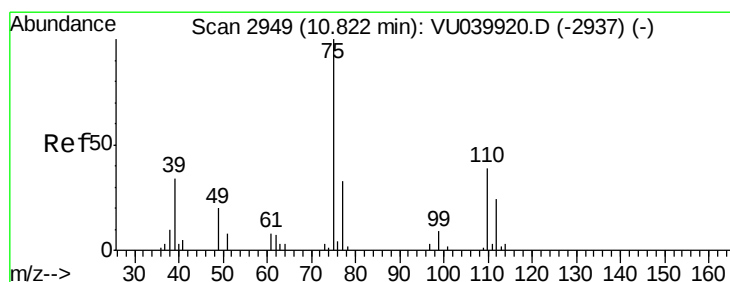
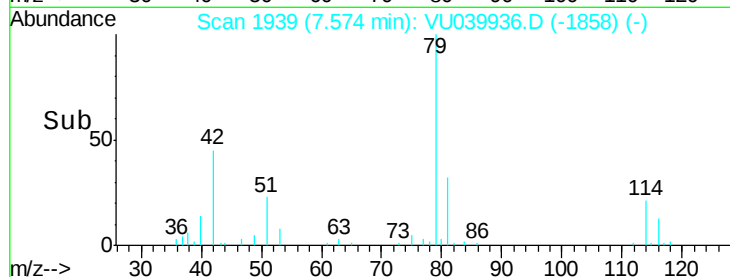
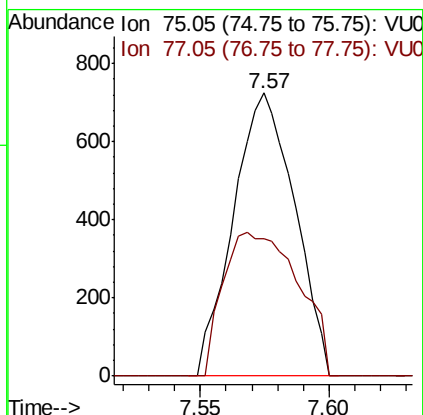
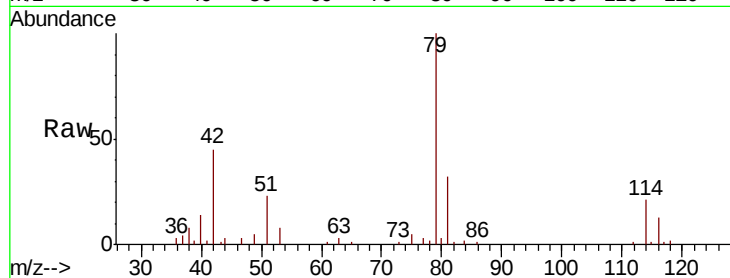


#39

cis-1,3-Dichloropropene
Concen: 0.126 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU039936.D
Acq: 21 Aug 2020 18:26

Instrument :
MSVOA_U
ClientSampled :
F4Y12

Tot Ion: 75 Resp: 1201
Ion Ratio Lower Upper
75 100
77 48.3 22.6 42.0#



#59

1,2,3-Trichloropropane
Concen: 1.055 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039936.D
Acq: 21 Aug 2020 18:26

Tgt Ion: 75 Resp: 5174
Ion Ratio Lower Upper
75 100
77 36.1 27.4 41.2

