

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\NOT REVIEWED DATA\
 Data File : VU040079.D
 Acq On : 10 Sep 2020 14:31
 Operator : SY/MD
 Sample : L3963-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y49

Quant Time: Sep 11 10:06:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 11 01:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	105646	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	106566	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46218	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31093	5.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.80%
7) Chloroethane-d5	1.92	69	26106	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.58	63	50506	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.65	46	102386	44.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.76%
24) Chloroform-d	5.08	84	59362	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.72	65	38021	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.74	84	112480	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.70	67	36788	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.91	98	91563	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.19	79	14884	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.64	63	76724	43.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32201	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	35987	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

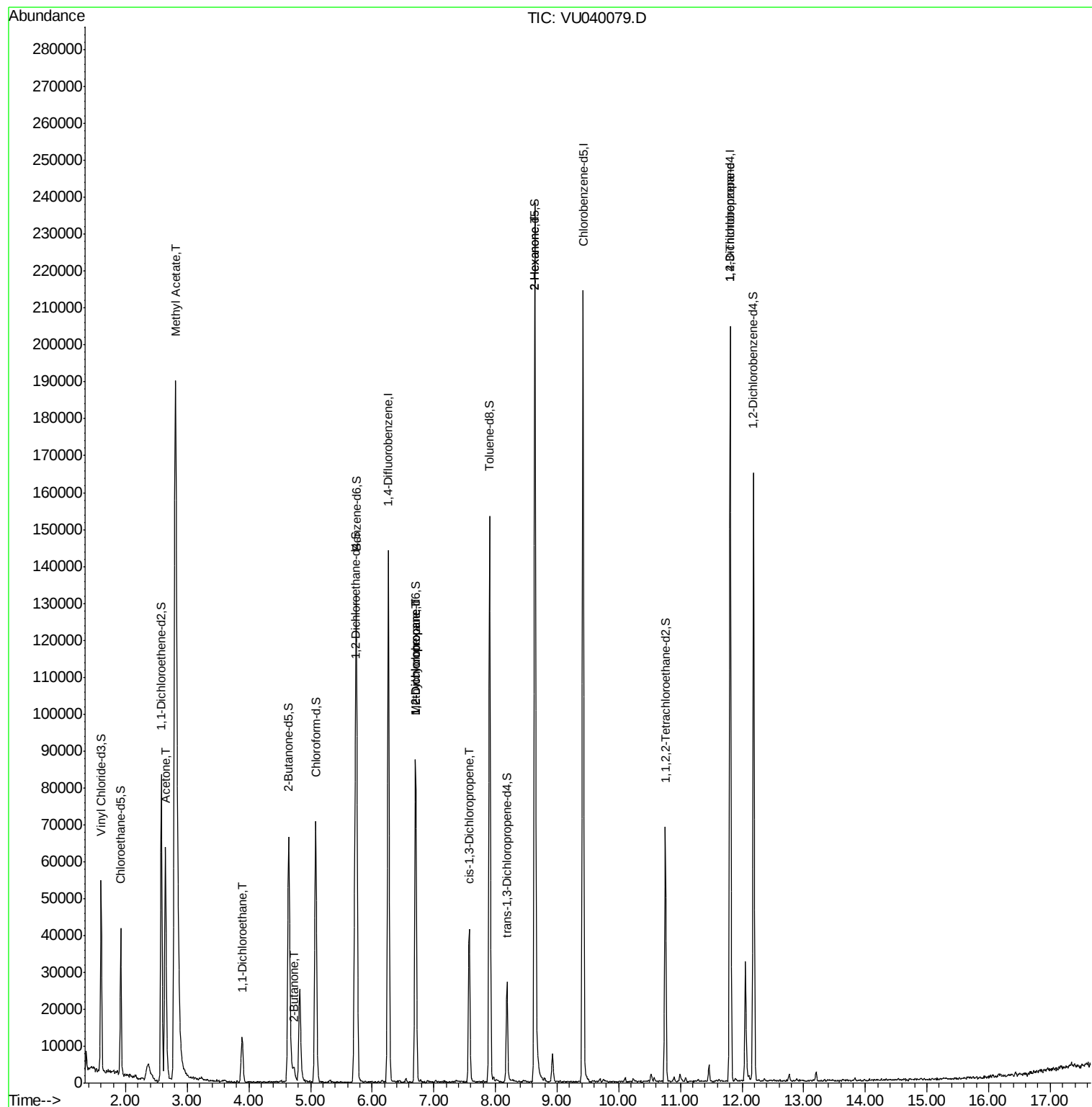
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.65	43	79763	37.346	ug/L	100
15) Methyl Acetate	2.81	43	91326	17.037	ug/L #	54
19) 1,1-Dichloroethane	3.89	63	14408	0.796	ug/L	94
21) 2-Butanone	4.74	43	4195	1.203	ug/L	82
35) Methylcyclohexane	6.70	83	9026	0.576	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4504	0.436	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1229	0.081	ug/L #	52
48) 2-Hexanone	8.64	43	10416	1.686	ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	7693	1.006	ug/L	95

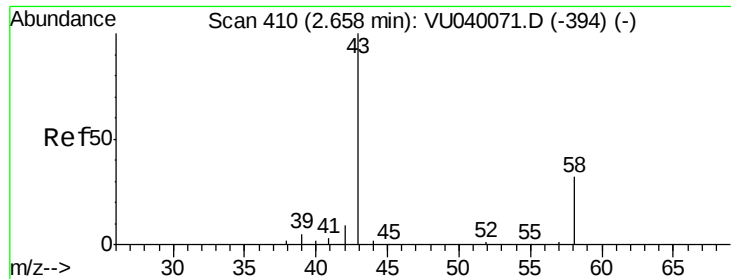
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 37.346 ug/L

RT: 2.65 min Scan# 406

Delta R.T. -0.01 min

Lab File: VU040079.D

Acq: 10 Sep 2020 14:31

Instrument :

MSVOA_U

ClientSampleId :

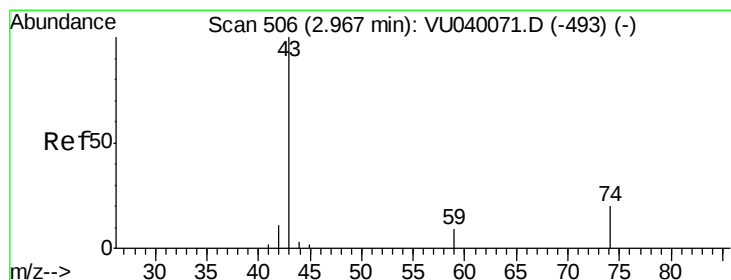
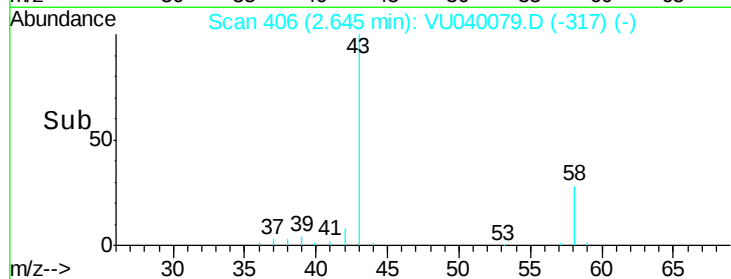
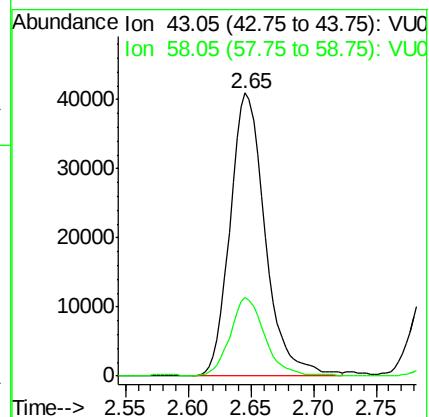
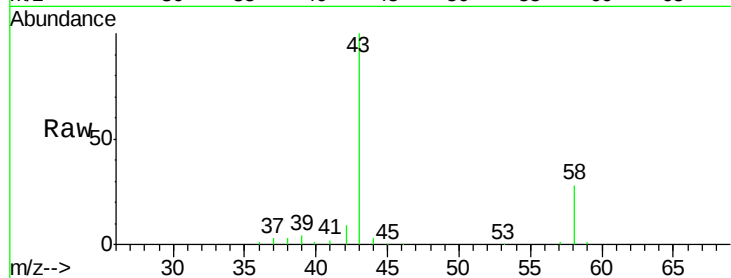
F4Y49

Tgt Ion: 43 Resp: 79763

Ion Ratio Lower Upper

43 100

58 27.7 0.0 55.4



#15

Methyl Acetate

Concen: 17.037 ug/L

RT: 2.81 min Scan# 457

Delta R.T. -0.16 min

Lab File: VU040079.D

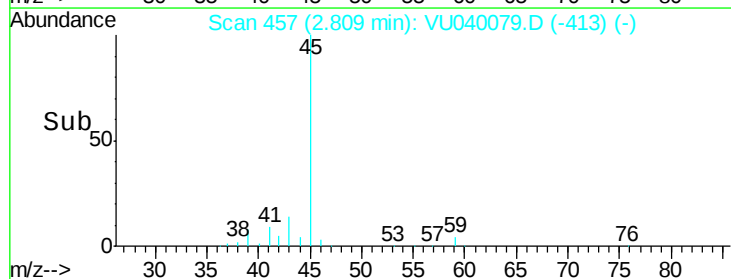
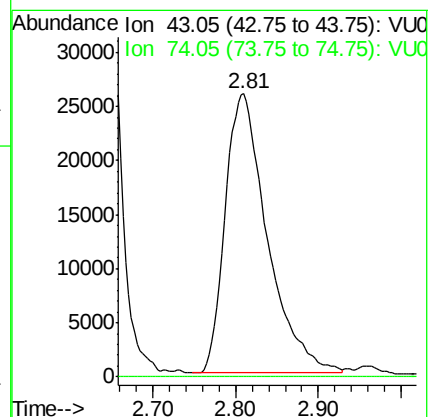
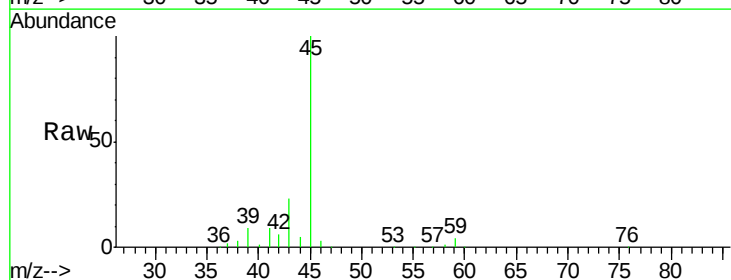
Acq: 10 Sep 2020 14:31

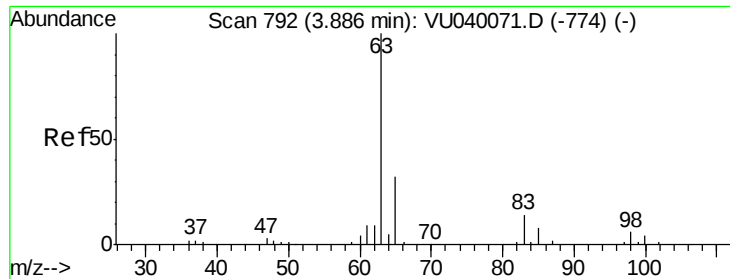
Tgt Ion: 43 Resp: 91326

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.0#

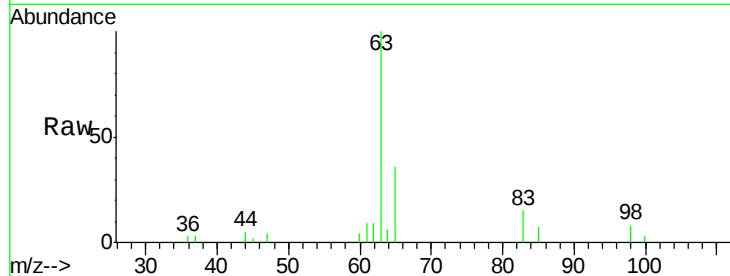




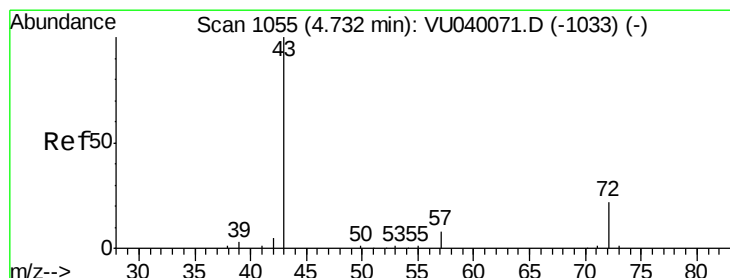
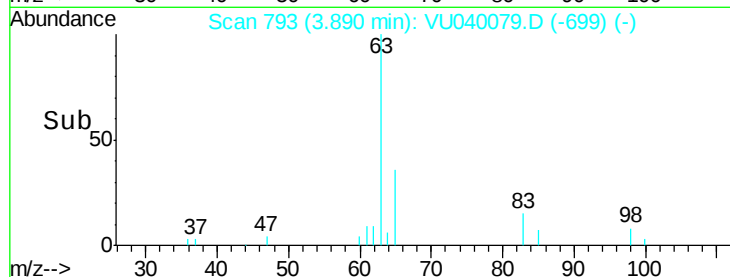
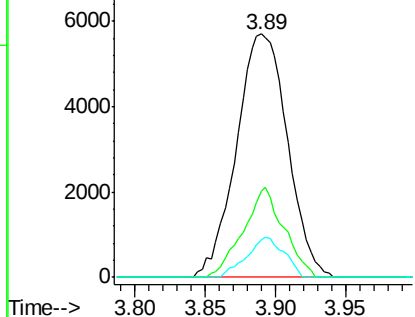
#19
 1,1-Dichloroethane
 Concen: 0.796 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040079.D
 Acq: 10 Sep 2020 14:31

Instrument :
 MSVOA_U
 ClientSampled :
 F4Y49

Tgt Ion: 63 Resp: 14408
 Ion Ratio Lower Upper
 63 100
 65 35.5 22.2 41.2
 83 15.5 9.4 17.6

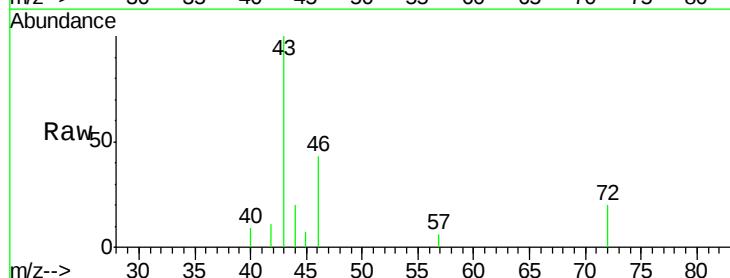


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

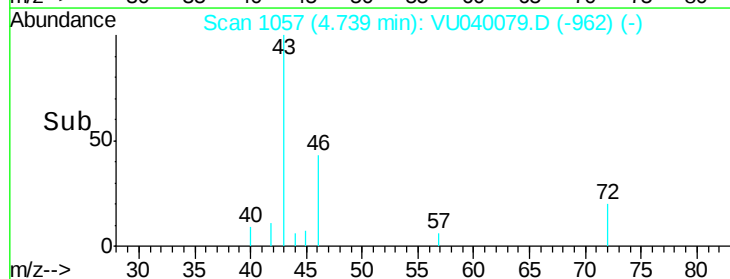
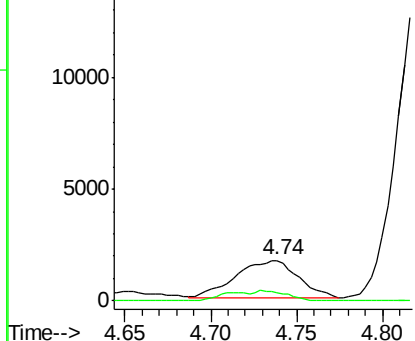


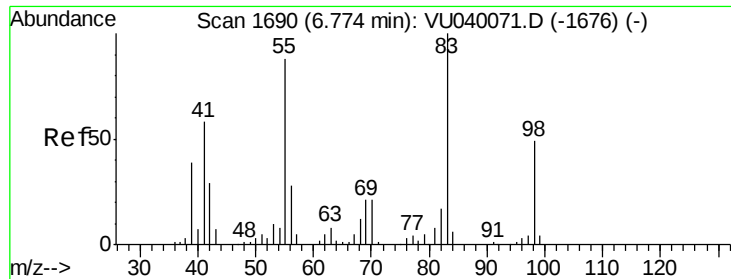
#21
 2-Butanone
 Concen: 1.203 ug/L
 RT: 4.74 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: VU040079.D
 Acq: 10 Sep 2020 14:31

Tgt Ion: 43 Resp: 4195
 Ion Ratio Lower Upper
 43 100
 72 14.7 11.7 35.0



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0

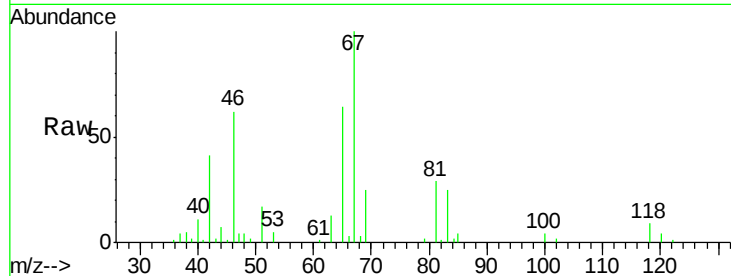




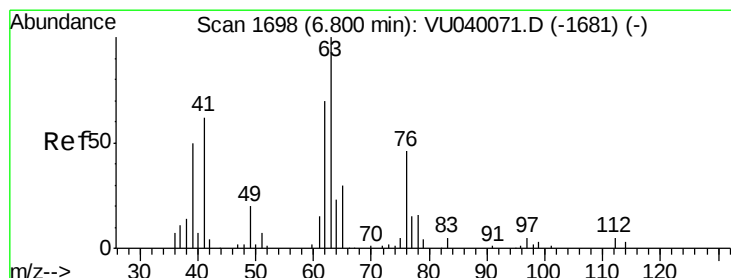
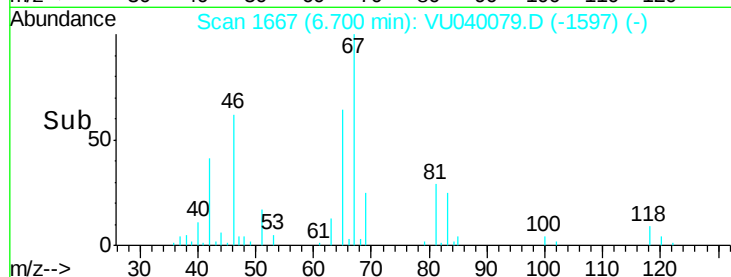
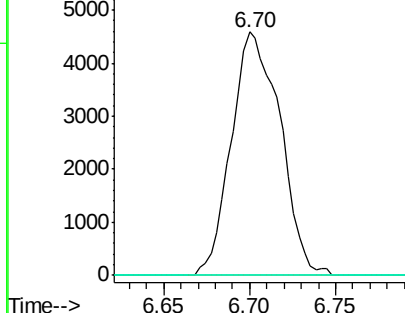
#35
Methylcyclohexane
Concen: 0.576 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040079.D
Acq: 10 Sep 2020 14:31

Instrument :
MSVOA_U
ClientSampleId :
F4Y49

Tgt Ion: 83 Resp: 9026
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.0 37.8 56.6#

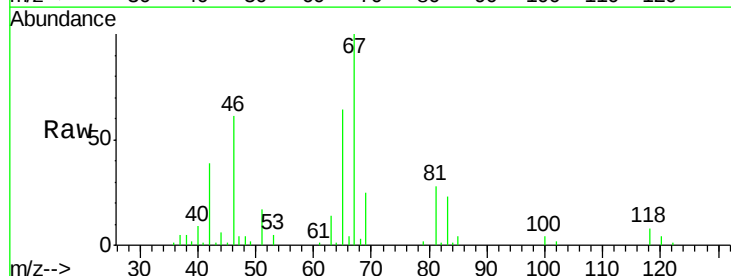


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

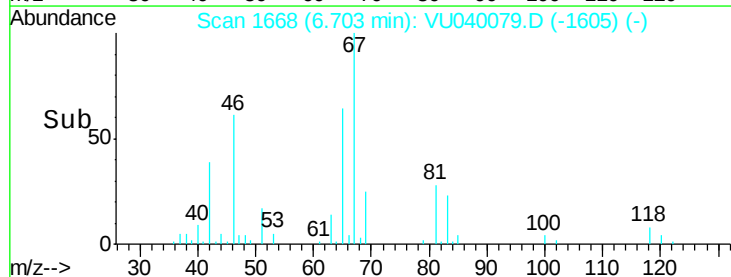
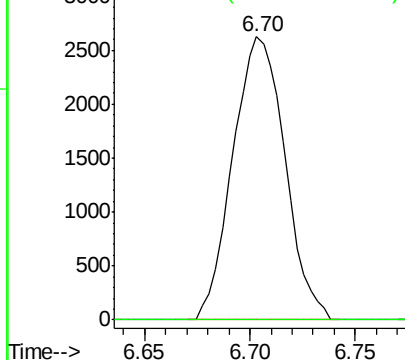


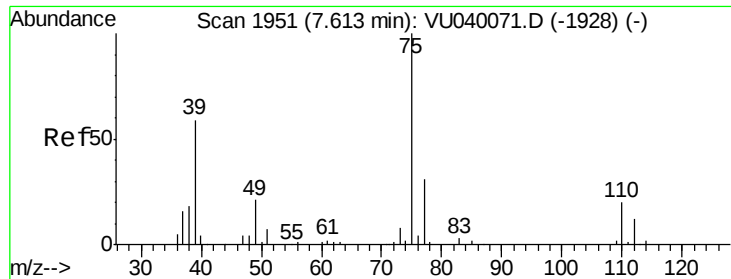
#37
1,2-Dichloropropane
Concen: 0.436 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040079.D
Acq: 10 Sep 2020 14:31

Tgt Ion: 63 Resp: 4504
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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

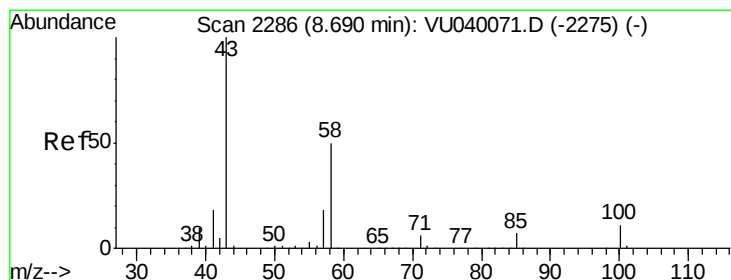
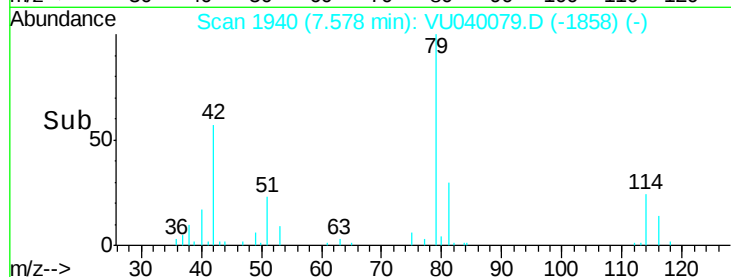
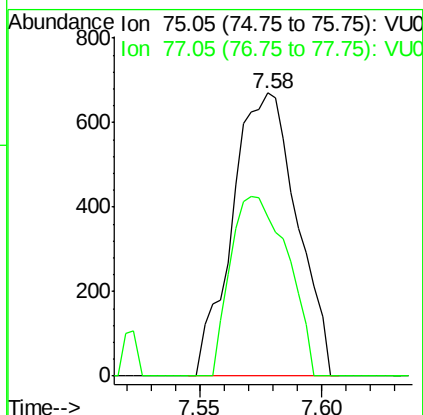
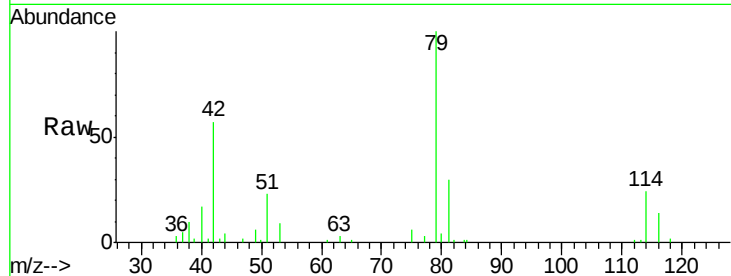




#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040079.D
 Acq: 10 Sep 2020 14:31

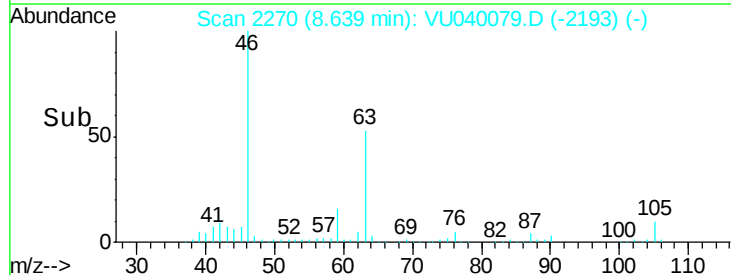
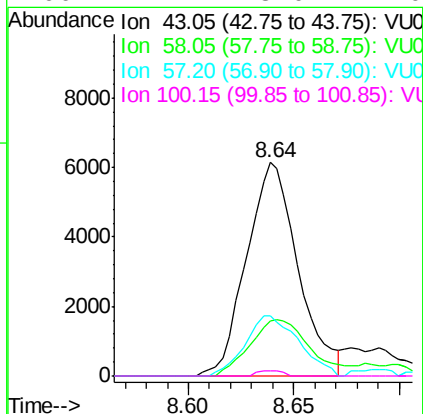
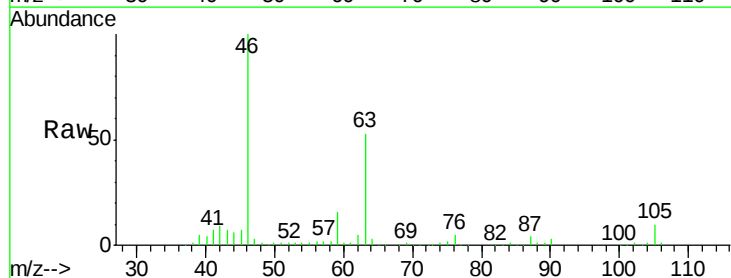
Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y49

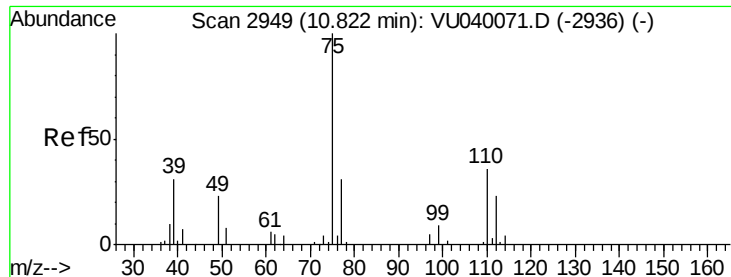
Tgt Ion: 75 Resp: 1229
 Ion Ratio Lower Upper
 75 100
 77 56.3 21.1 39.3#



#48
 2-Hexanone
 Concen: 1.686 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040079.D
 Acq: 10 Sep 2020 14:31

Tgt Ion: 43 Resp: 10416
 Ion Ratio Lower Upper
 43 100
 58 31.0 39.6 59.4#
 57 29.4 14.3 21.5#
 100 1.2 8.0 12.0#





#59

1,2,3-Trichloropropane

Concen: 1.006 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040079.D

Acq: 10 Sep 2020 14:31

Instrument :

MSVOA_U

ClientSampleId :

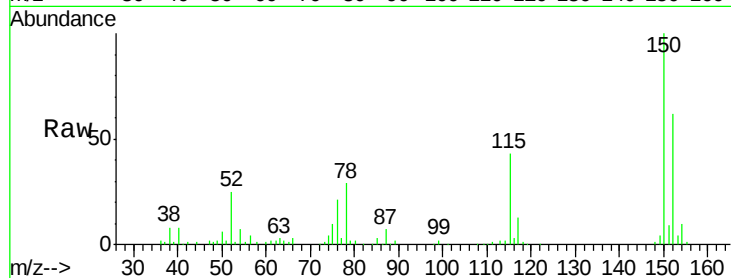
F4Y49

Tgt Ion: 75 Resp: 7693

Ion Ratio Lower Upper

75 100

77 34.0 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

