

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040084.D
 Acq On : 10 Sep 2020 16:27
 Operator : SY/MD
 Sample : L3961-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y25

Quant Time: Sep 11 01:57:39 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	119350	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119024	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55516	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32461	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.92	69	26570	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.58	63	51032	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.65	46	111354	42.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.44%
24) Chloroform-d	5.08	84	64216	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.72	65	39365	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
32) Benzene-d6	5.75	84	119573	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.70	67	39290	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.91	98	99527	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.19	79	16077	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.64	63	80931	40.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33749	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	39276	4.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.40%

Target Compounds

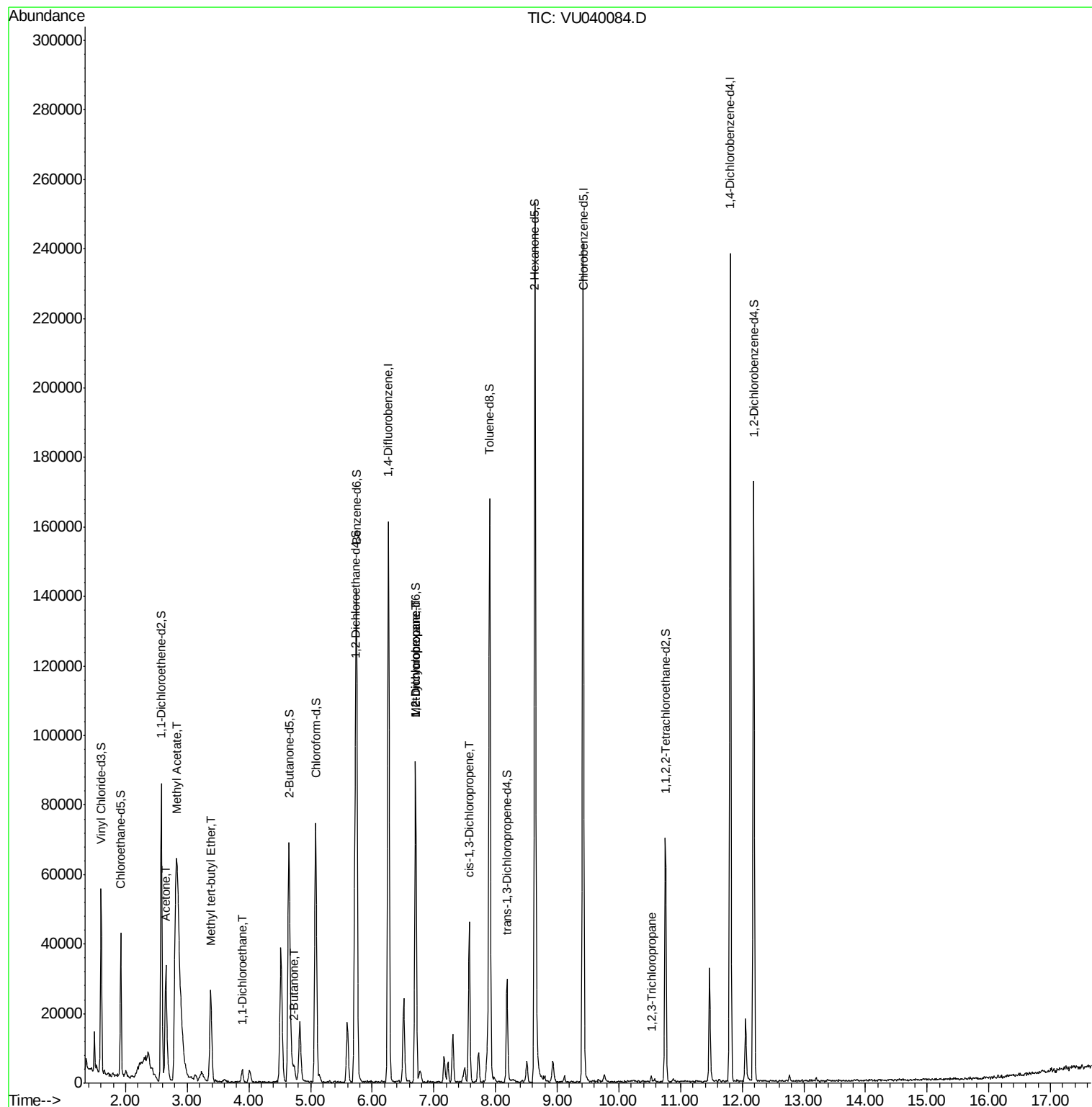
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	49166	20.377	ug/L	99
15) Methyl Acetate	2.83	43	41054	6.779	ug/L #	55
17) Methyl tert-butyl Ether	3.38	73	26165	0.940	ug/L	97
19) 1,1-Dichloroethane	3.89	63	4410	0.216	ug/L	97
21) 2-Butanone	4.74	43	5159	1.310	ug/L #	74
35) Methylcyclohexane	6.70	83	9519	0.544	ug/L #	15
37) 1,2-Dichloropropane	6.71	63	4957	0.430	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1344	0.079	ug/L #	72
59) 1,2,3-Trichloropropane	10.53	75	990	0.116	ug/L #	44

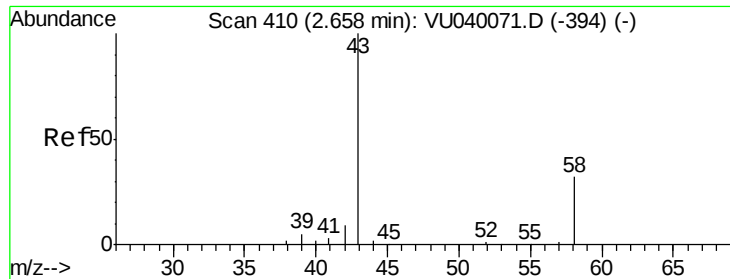
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 20.377 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: VU040084.D

Acq: 10 Sep 2020 16:27

Instrument :

MSVOA_U

ClientSampleId :

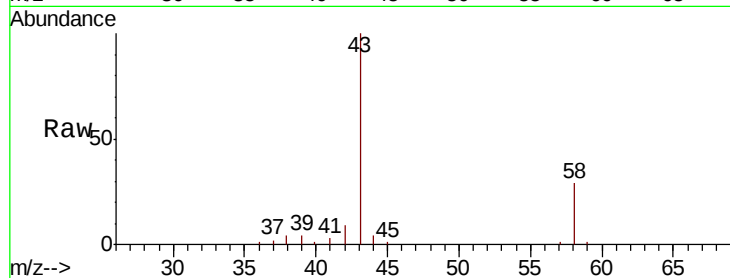
F4Y25

Tot Ion: 43 Resp: 49166

Ion Ratio Lower Upper

43 100

58 28.3 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040071.D (-394) (-)

Ion 58.05 (57.75 to 58.75): VU040071.D (-394) (-)

2.65

20000

15000

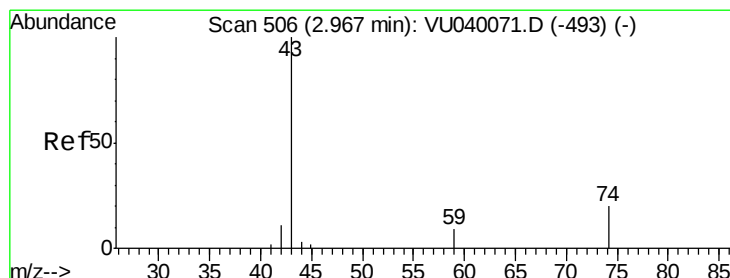
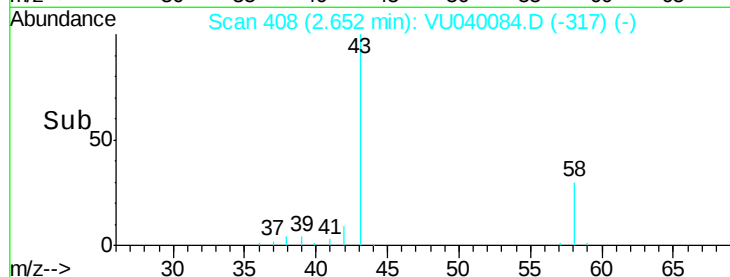
10000

5000

0

Time-->

2.55 2.60 2.65 2.70 2.75



#15

Methyl Acetate

Concen: 6.779 ug/L

RT: 2.83 min Scan# 462

Delta R.T. -0.14 min

Lab File: VU040084.D

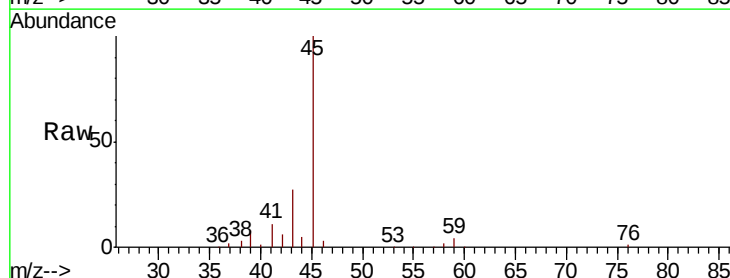
Acq: 10 Sep 2020 16:27

Tgt Ion: 43 Resp: 41054

Ion Ratio Lower Upper

43 100

74 0.2 17.4 26.0#



Abundance Ion 43.05 (42.75 to 43.75): VU040071.D (-493) (-)

Ion 74.05 (73.75 to 74.75): VU040071.D (-493) (-)

2.83

12000

10000

8000

6000

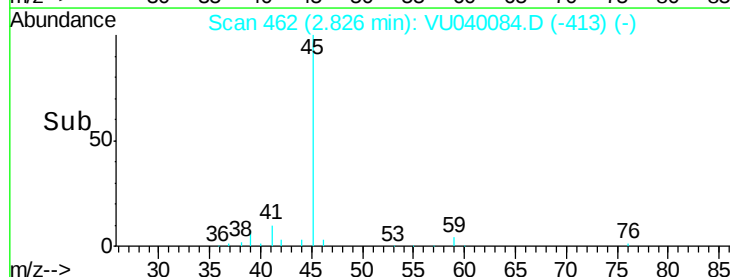
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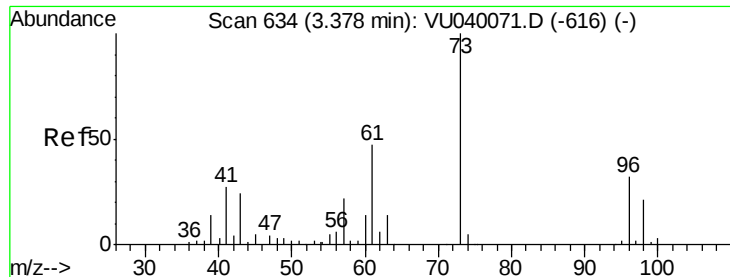
2000

0

Time-->

2.70 2.75 2.80 2.85 2.90

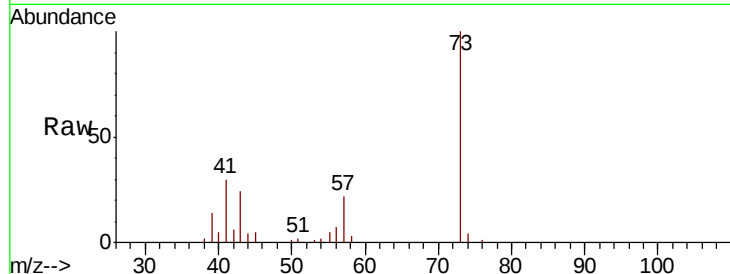




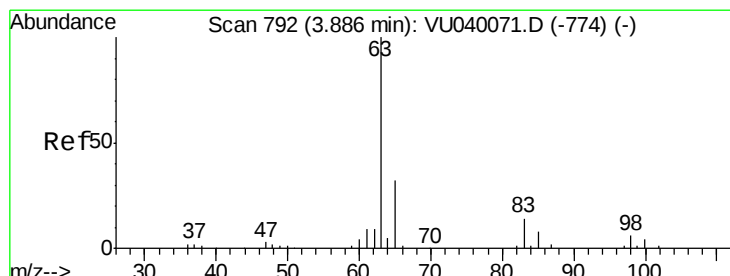
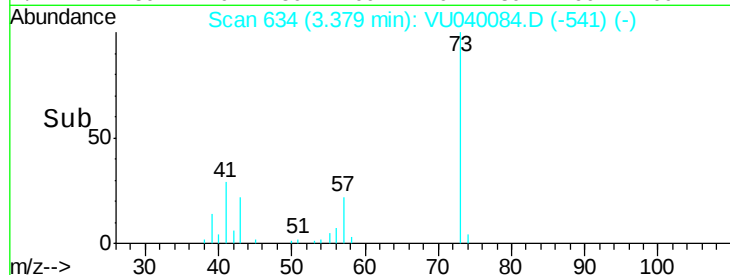
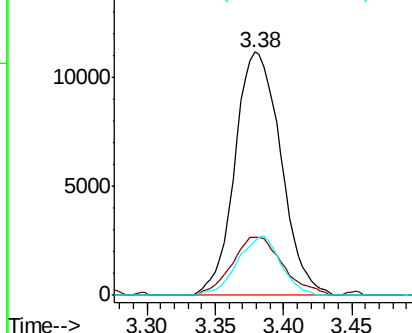
#17
Methvl tert-butvl Ether
Concen: 0.940 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU040084.D
Acq: 10 Sep 2020 16:27

Instrument :
MSVOA_U
ClientSampleId :
F4Y25

Tot Ion: 73 Resp: 26165
Ion Ratio Lower Upper
73 100
43 26.4 19.1 28.7
57 22.9 18.3 27.5

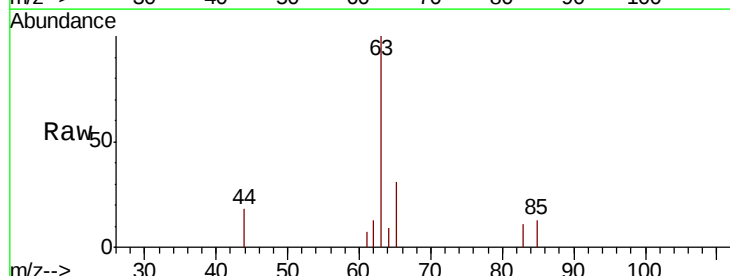


Abundance Ion 73.10 (72.80 to 73.80): VU0
15000 Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

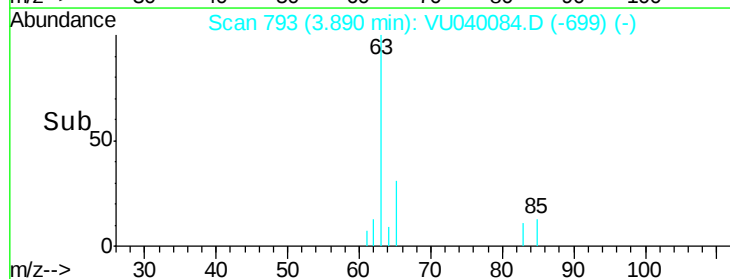
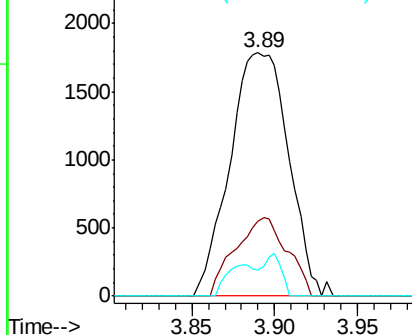


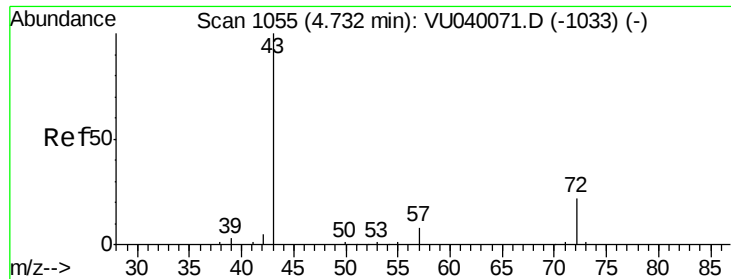
#19
1,1-Dichloroethane
Concen: 0.216 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU040084.D
Acq: 10 Sep 2020 16:27

Tgt Ion: 63 Resp: 4410
Ion Ratio Lower Upper
63 100
65 30.9 22.2 41.2
83 10.6 9.4 17.6



Abundance Ion 63.10 (62.80 to 63.80): VU0
2500 Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0

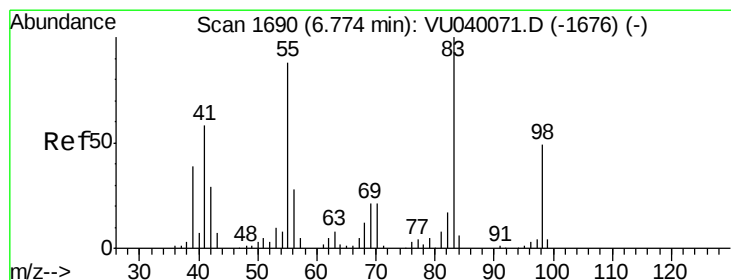
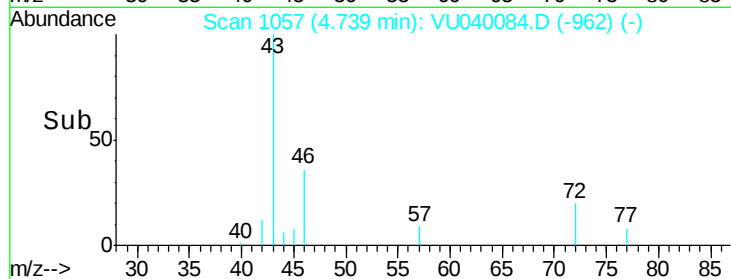
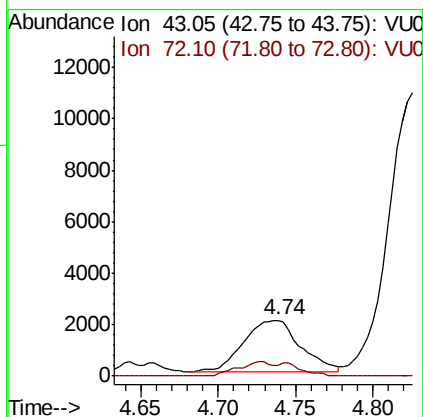
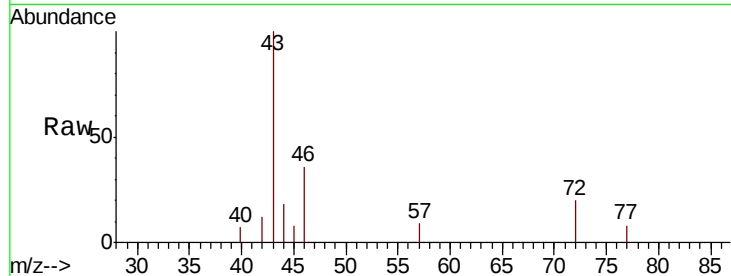




#21
2-Butanone
Concen: 1.310 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VU040084.D
Acq: 10 Sep 2020 16:27

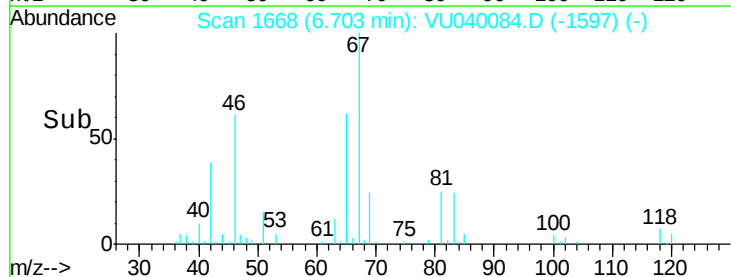
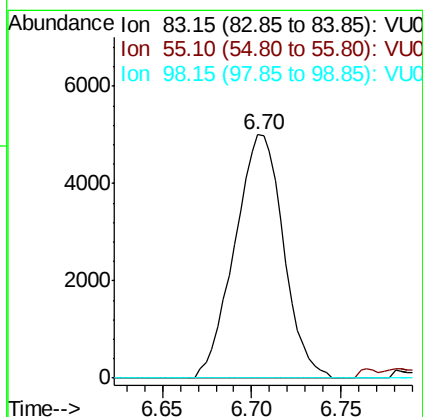
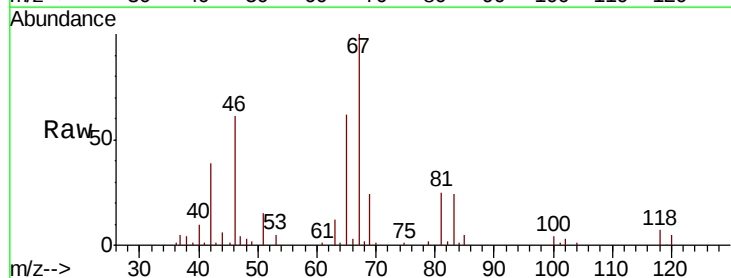
Instrument :
MSVOA_U
ClientSampleId :
F4Y25

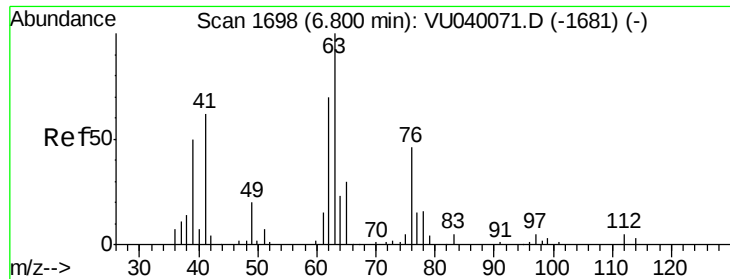
Tot Ion: 43 Resp: 5159
Ion Ratio Lower Upper
43 100
72 10.5 11.7 35.0#



#35
Methylcyclohexane
Concen: 0.544 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040084.D
Acq: 10 Sep 2020 16:27

Tgt Ion: 83 Resp: 9519
Ion Ratio Lower Upper
83 100
55 1.3 70.5 105.7#
98 0.0 37.8 56.6#

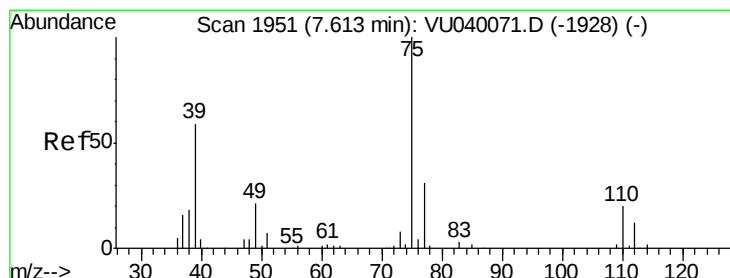
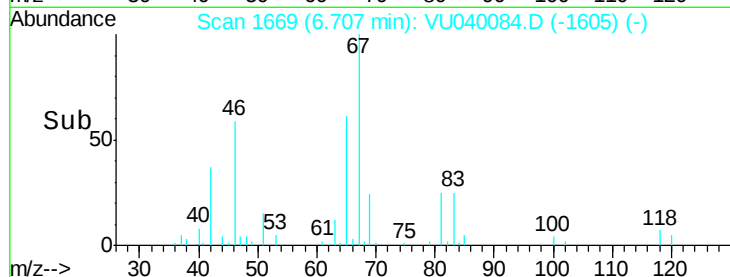
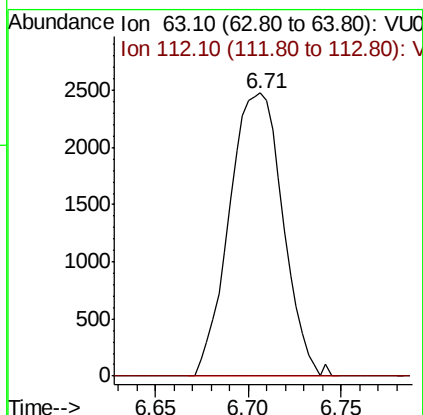
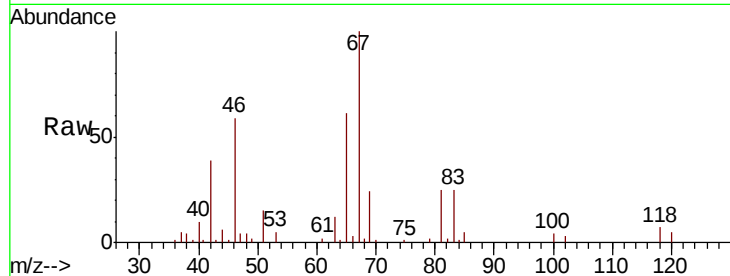




#37
 1,2-Dichloropropane
 Concen: 0.430 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU040084.D
 Acq: 10 Sep 2020 16:27

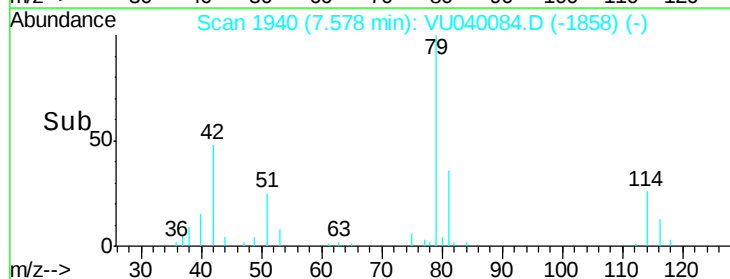
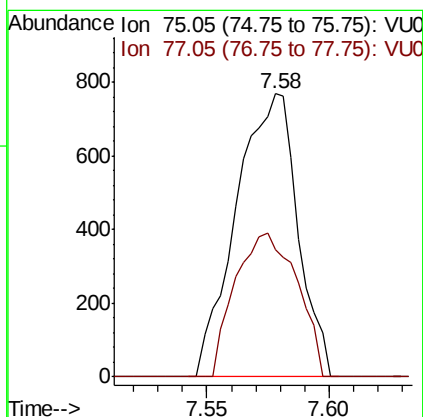
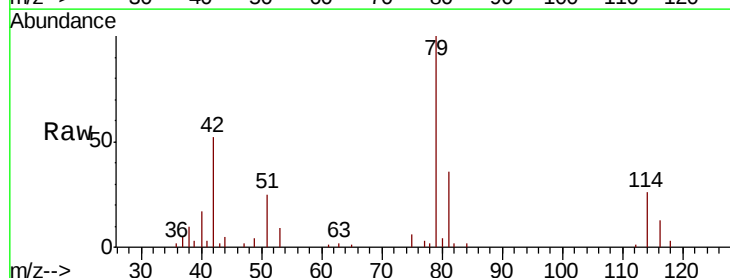
Instrument :
 MSVOA_U
 ClientSampled :
 F4Y25

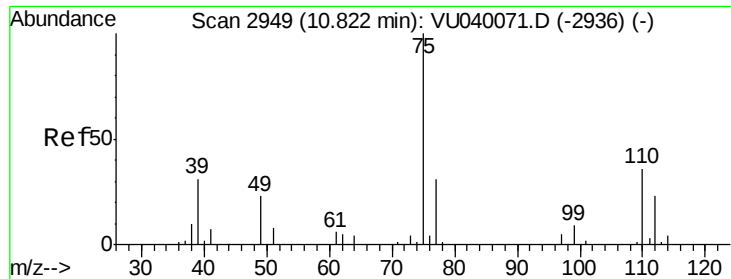
Tot Ion: 63 Resp: 4957
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040084.D
 Acq: 10 Sep 2020 16:27

Tgt Ion: 75 Resp: 1344
 Ion Ratio Lower Upper
 75 100
 77 45.2 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 0.116 ug/L

RT: 10.53 min Scan# 2857

Delta R.T. -0.30 min

Lab File: VU040084.D

Acq: 10 Sep 2020 16:27

Instrument :

MSVOA_U

ClientSampleId :

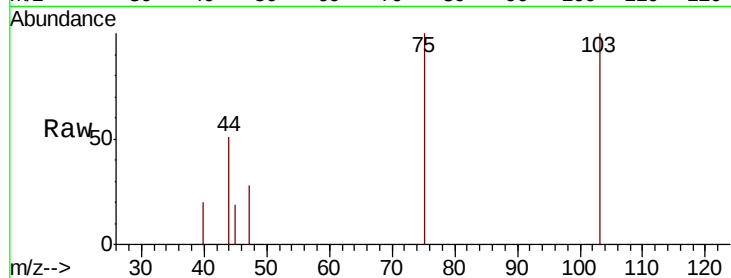
F4Y25

Tot Ion: 75 Resp: 990

Ion Ratio Lower Upper

75 100

77 0.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.53

600

400

200

0

10.50 10.55

Time-->

