

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040094.D
 Acq On : 10 Sep 2020 20:22
 Operator : SY/MD
 Sample : L3961-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y37

Quant Time: Sep 11 01:59:00 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	101639	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102684	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45633	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30419	5.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.60%
7) Chloroethane-d5	1.92	69	25058	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.58	63	47735	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.65	46	102065	45.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.96%
24) Chloroform-d	5.08	84	59193	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	36080	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.75	84	109167	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.70	67	35574	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.91	98	88872	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.19	79	13574	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.64	63	72317	42.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31298	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	36493	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

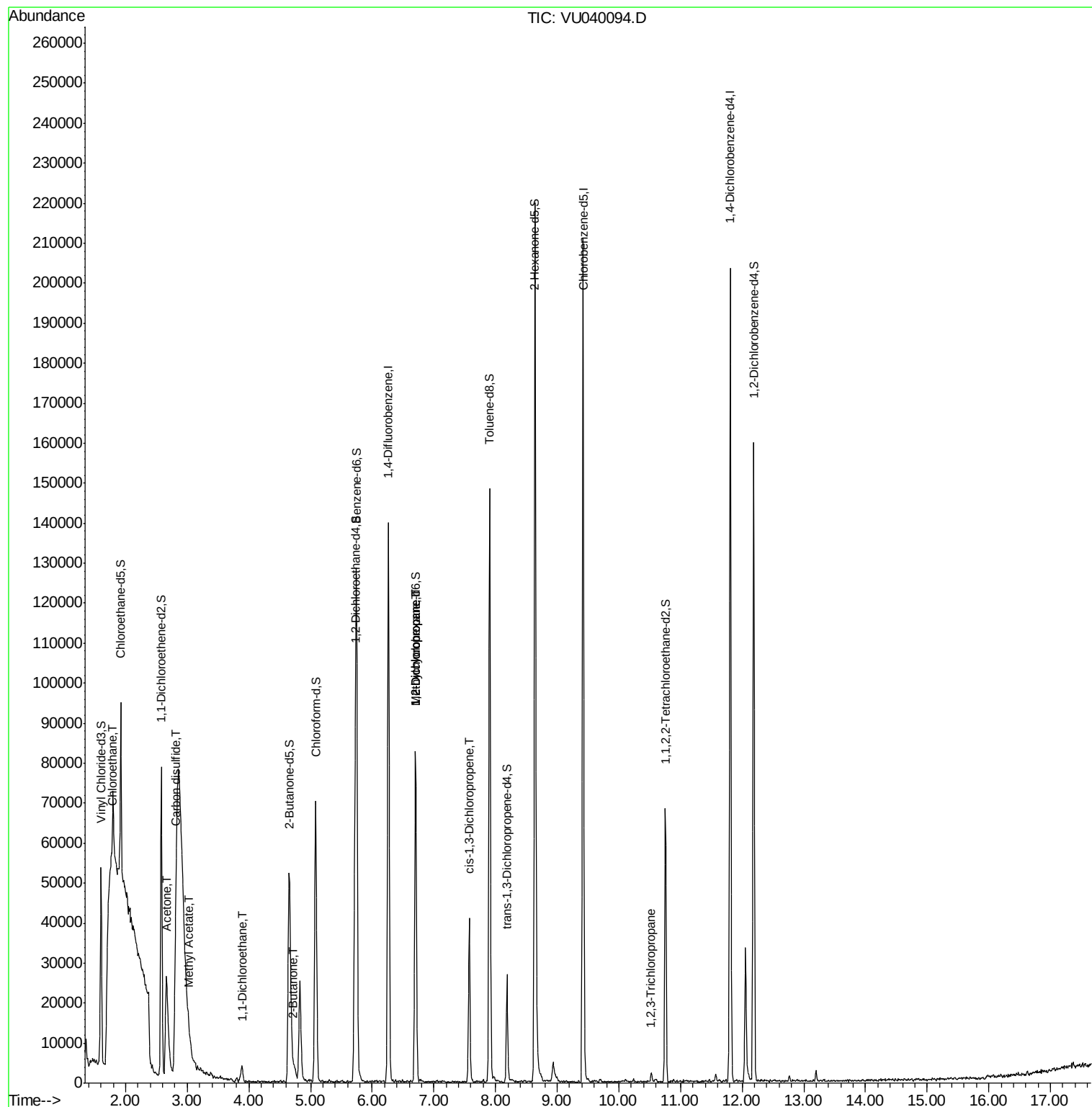
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.77	64	142711	24.255	ug/L #	51
13) Acetone	2.67	43	54026	26.293	ug/L	99
14) Carbon disulfide	2.81	76	3179	0.126	ug/L	98
15) Methyl Acetate	3.04	43	1813	0.352	ug/L #	54
19) 1,1-Dichloroethane	3.89	63	3598	0.207	ug/L #	83
21) 2-Butanone	4.73	43	4000	1.192	ug/L	97
35) Methylcyclohexane	6.70	83	8542	0.566	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4295	0.432	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1227	0.084	ug/L #	60
59) 1,2,3-Trichloropropane	10.52	75	1537	0.209	ug/L #	44

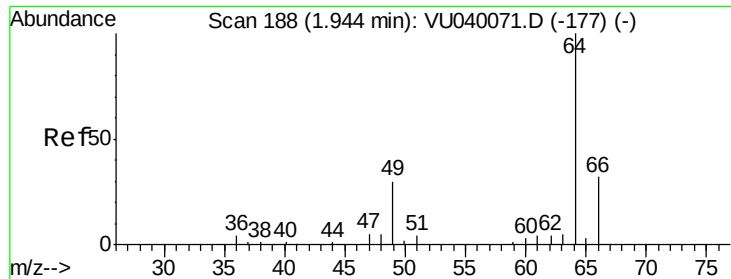
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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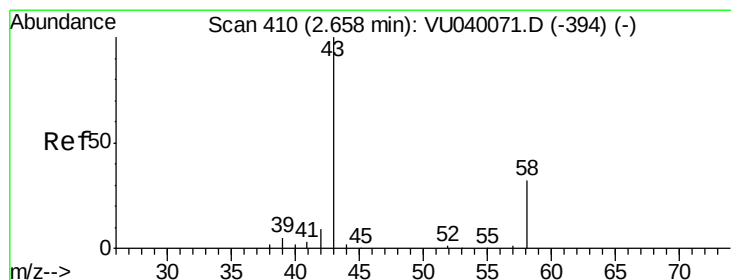
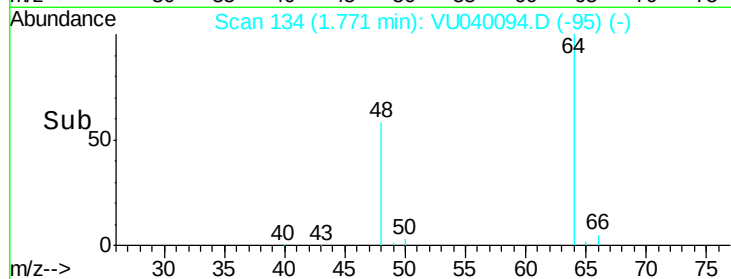
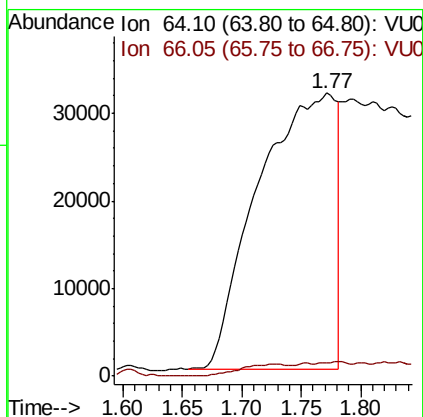
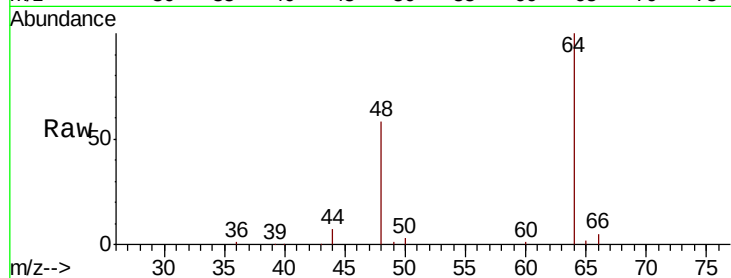




#8
Chloroethane
Concen: 24.255 ug/L
RT: 1.77 min Scan# 134
Delta R.T. -0.17 min
Lab File: VU040094.D
Acq: 10 Sep 2020 20:22

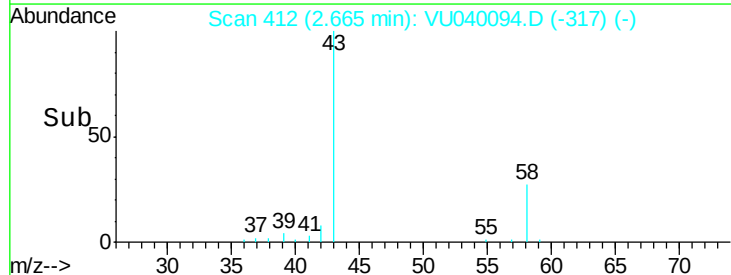
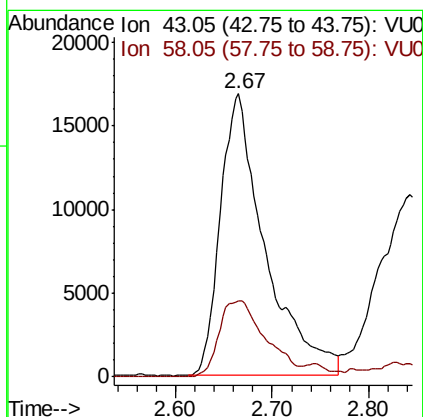
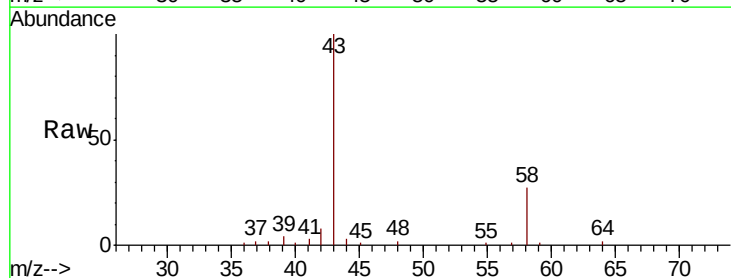
Instrument :
MSVOA_U
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F4Y37

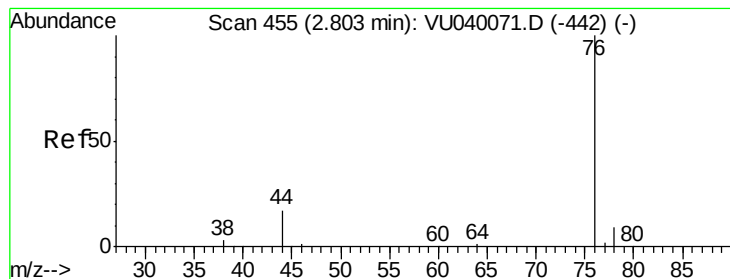
Tot Ion: 64 Resp: 142711
Ion Ratio Lower Upper
64 100
66 4.9 22.7 42.1#



#13
Acetone
Concen: 26.293 ug/L
RT: 2.67 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU040094.D
Acq: 10 Sep 2020 20:22

Tgt Ion: 43 Resp: 54026
Ion Ratio Lower Upper
43 100
58 28.2 0.0 55.4





#14

Carbon disulfide

Concen: 0.126 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.01 min

Lab File: VU040094.D

Acq: 10 Sep 2020 20:22

Instrument :

MSVOA_U

ClientSampleId :

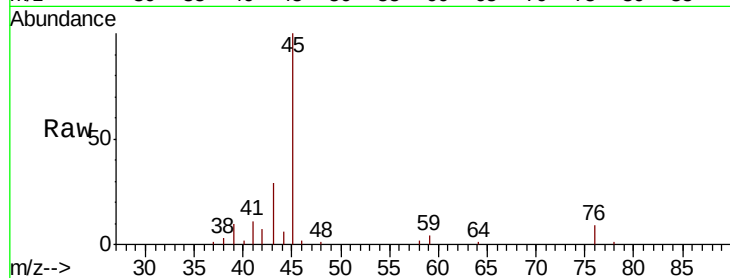
F4Y37

Tot Ion: 76 Resp: 3179

Ion Ratio Lower Upper

76 100

78 8.2 7.2 10.8

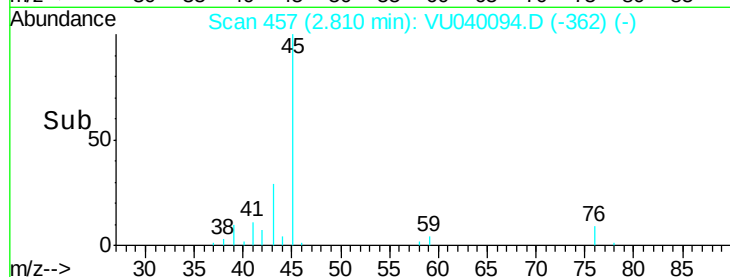


Abundance Ion 76.05 (75.75 to 76.75): VU040071.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU040071.D (-442) (-)

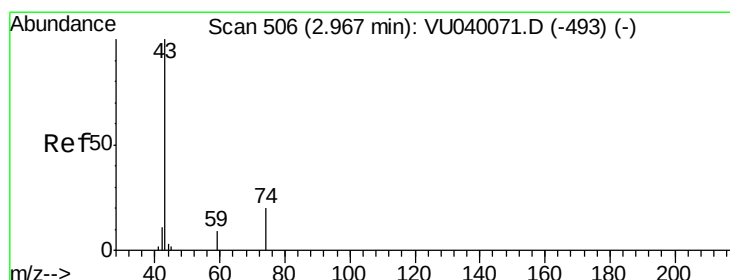
Time-->

2.75 2.80 2.85



Time-->

2.75 2.80 2.85



#15

Methyl Acetate

Concen: 0.352 ug/L

RT: 3.04 min Scan# 529

Delta R.T. 0.07 min

Lab File: VU040094.D

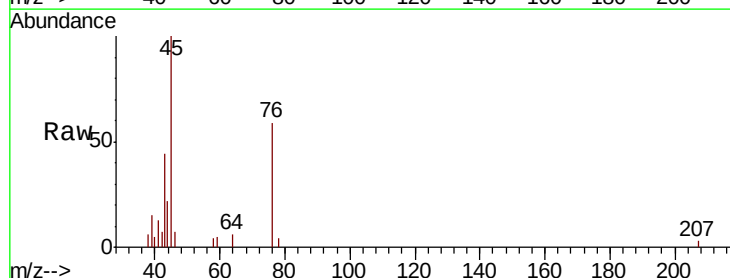
Acq: 10 Sep 2020 20:22

Tgt Ion: 43 Resp: 1813

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.0#

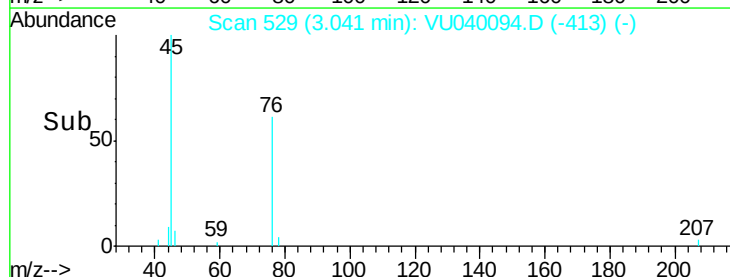


Abundance Ion 43.05 (42.75 to 43.75): VU040071.D (-493) (-)

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

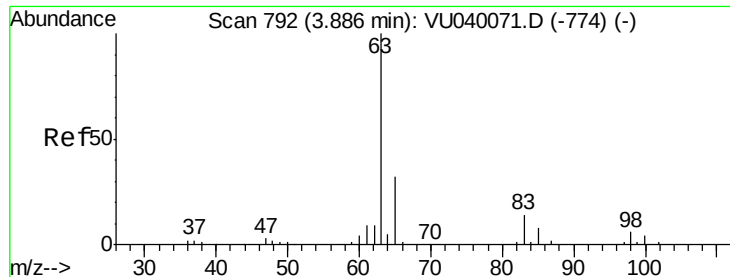
Time-->

3.05 3.10



Time-->

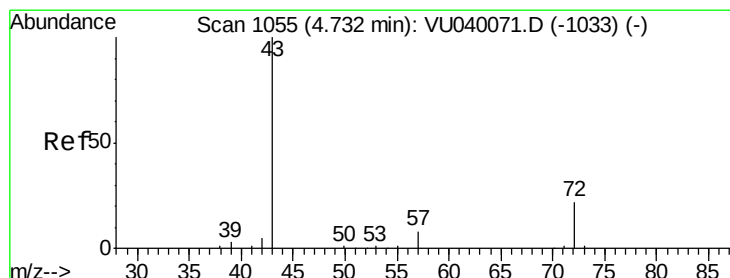
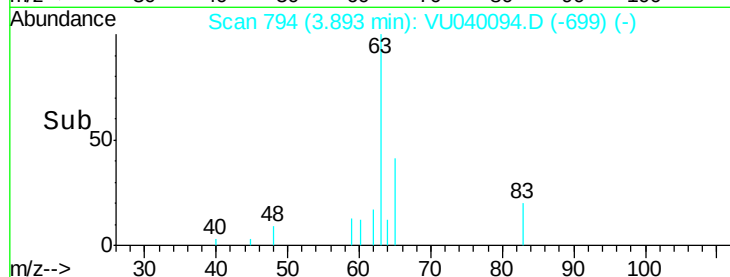
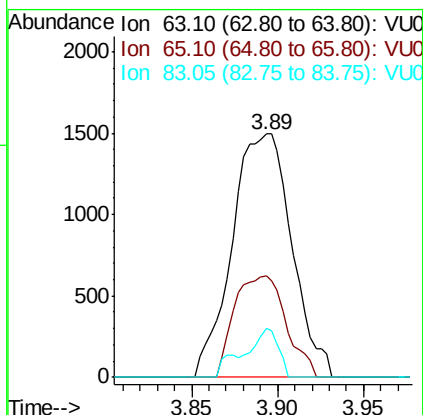
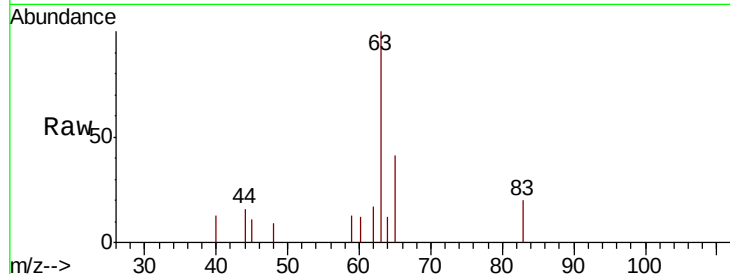
3.05 3.10



#19
 1,1-Dichloroethane
 Concen: 0.207 ug/L
 RT: 3.89 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: VU040094.D
 Acq: 10 Sep 2020 20:22

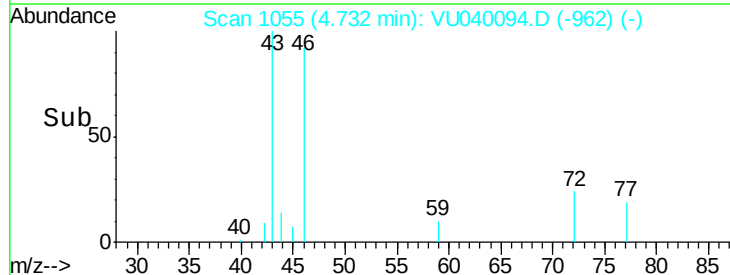
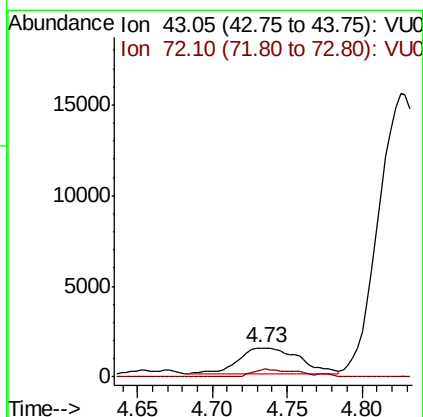
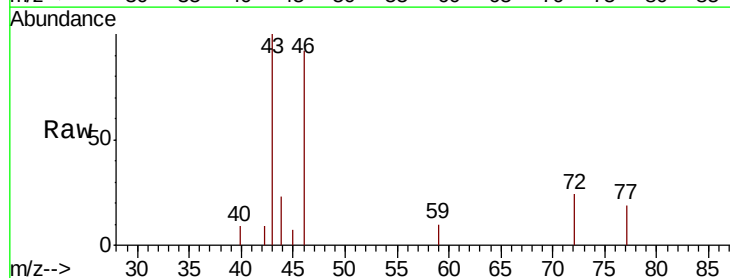
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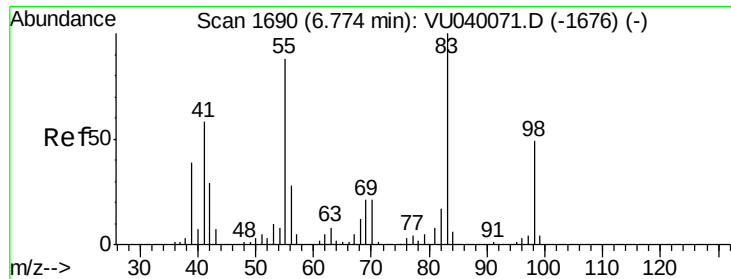
Tot Ion: 63 Resp: 3598
 Ion Ratio Lower Upper
 63 100
 65 41.4 22.2 41.2#
 83 20.1 9.4 17.6#



#21
 2-Butanone
 Concen: 1.192 ug/L
 RT: 4.73 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VU040094.D
 Acq: 10 Sep 2020 20:22

Tgt Ion: 43 Resp: 4000
 Ion Ratio Lower Upper
 43 100
 72 21.8 11.7 35.0

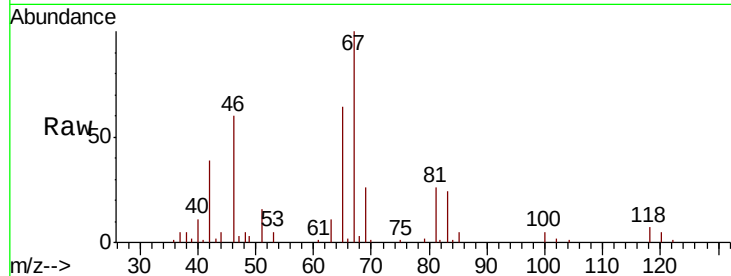




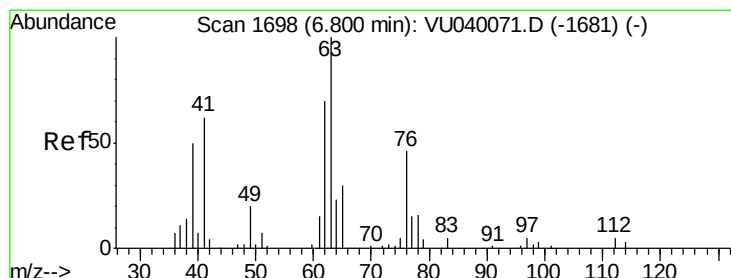
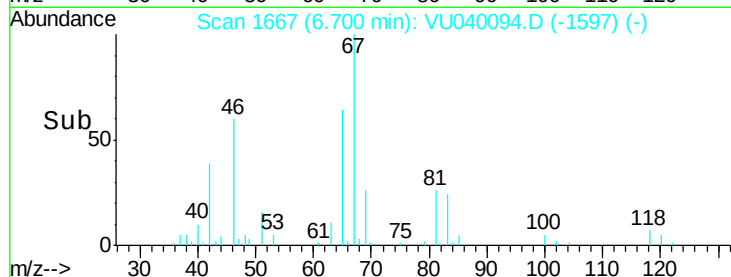
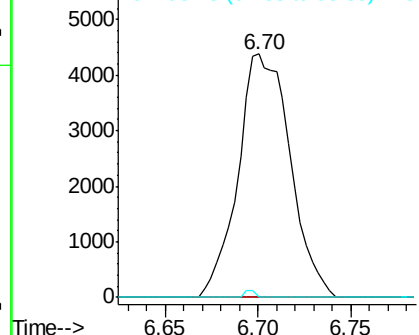
#35
Methylvlcyclohexane
Concen: 0.566 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040094.D
Acq: 10 Sep 2020 20:22

Instrument :
MSVOA_U
ClientSampleId :
F4Y37

Tot Ion: 83 Resp: 8542
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.5 37.8 56.6#

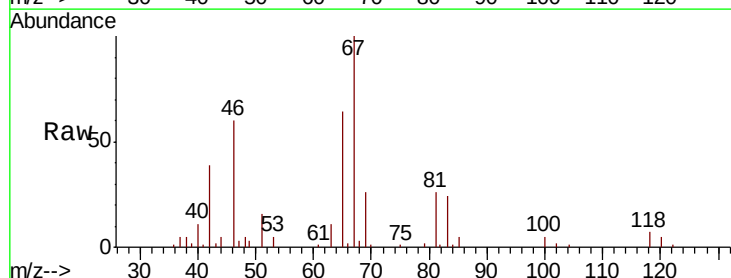


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

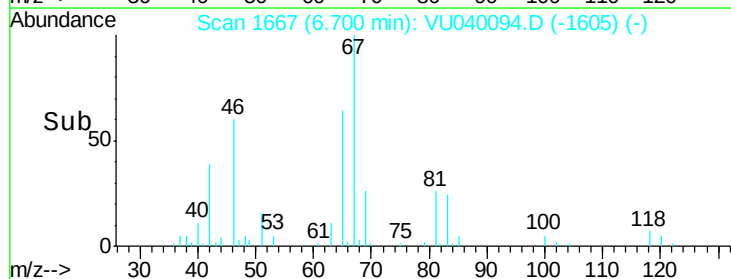
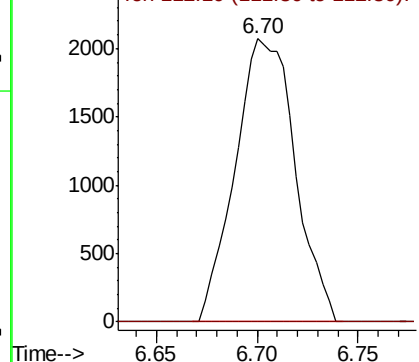


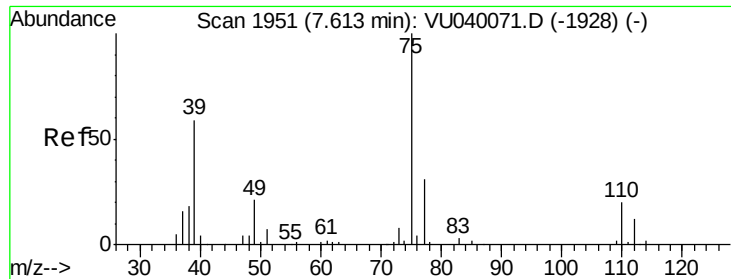
#37
1,2-Dichloropropane
Concen: 0.432 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040094.D
Acq: 10 Sep 2020 20:22

Tgt Ion: 63 Resp: 4295
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

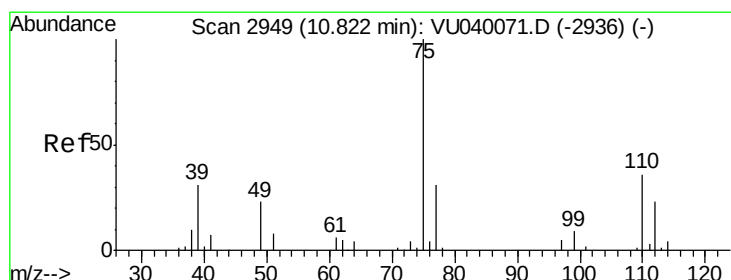
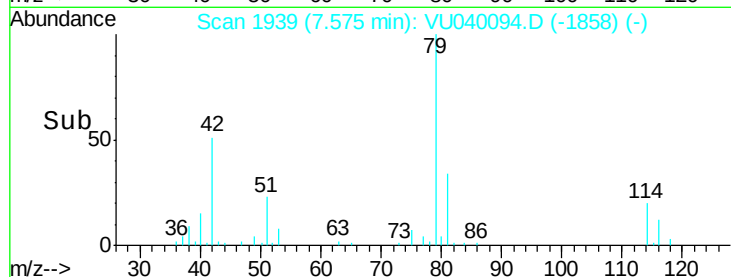
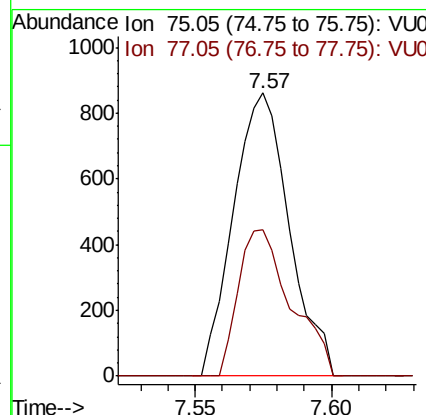
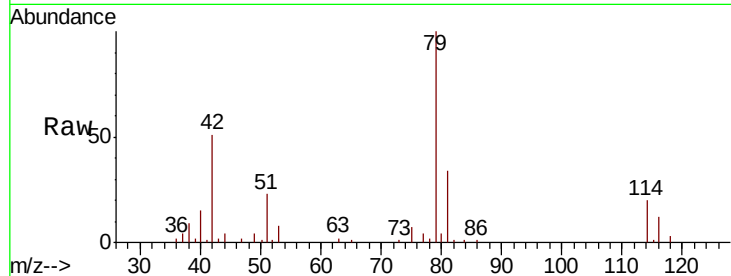




#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040094.D
 Acq: 10 Sep 2020 20:22

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Tot Ion: 75 Resp: 1227
 Ion Ratio Lower Upper
 75 100
 77 51.9 21.1 39.3#



#59
 1,2,3-Trichloropropane
 Concen: 0.209 ug/L
 RT: 10.52 min Scan# 2856
 Delta R.T. -0.30 min
 Lab File: VU040094.D
 Acq: 10 Sep 2020 20:22

Tgt Ion: 75 Resp: 1537
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#

