

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070820\
 Data File : VU039344.D
 Acq On : 08 Jul 2020 14:03
 Operator : SY/MD
 Sample : L3193-12DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4277DL

Quant Time: Jul 09 02:50:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 02:29:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116787	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110688	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53883	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31056	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.93	69	33493	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	48124	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.66	46	161176	52.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.08%
24) Chloroform-d	5.09	84	70803	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	44911	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.75	84	136686	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.70	67	48103	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.91	98	121940	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	8.19	79	19555	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.64	63	118635	48.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.76%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42645	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	47997	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

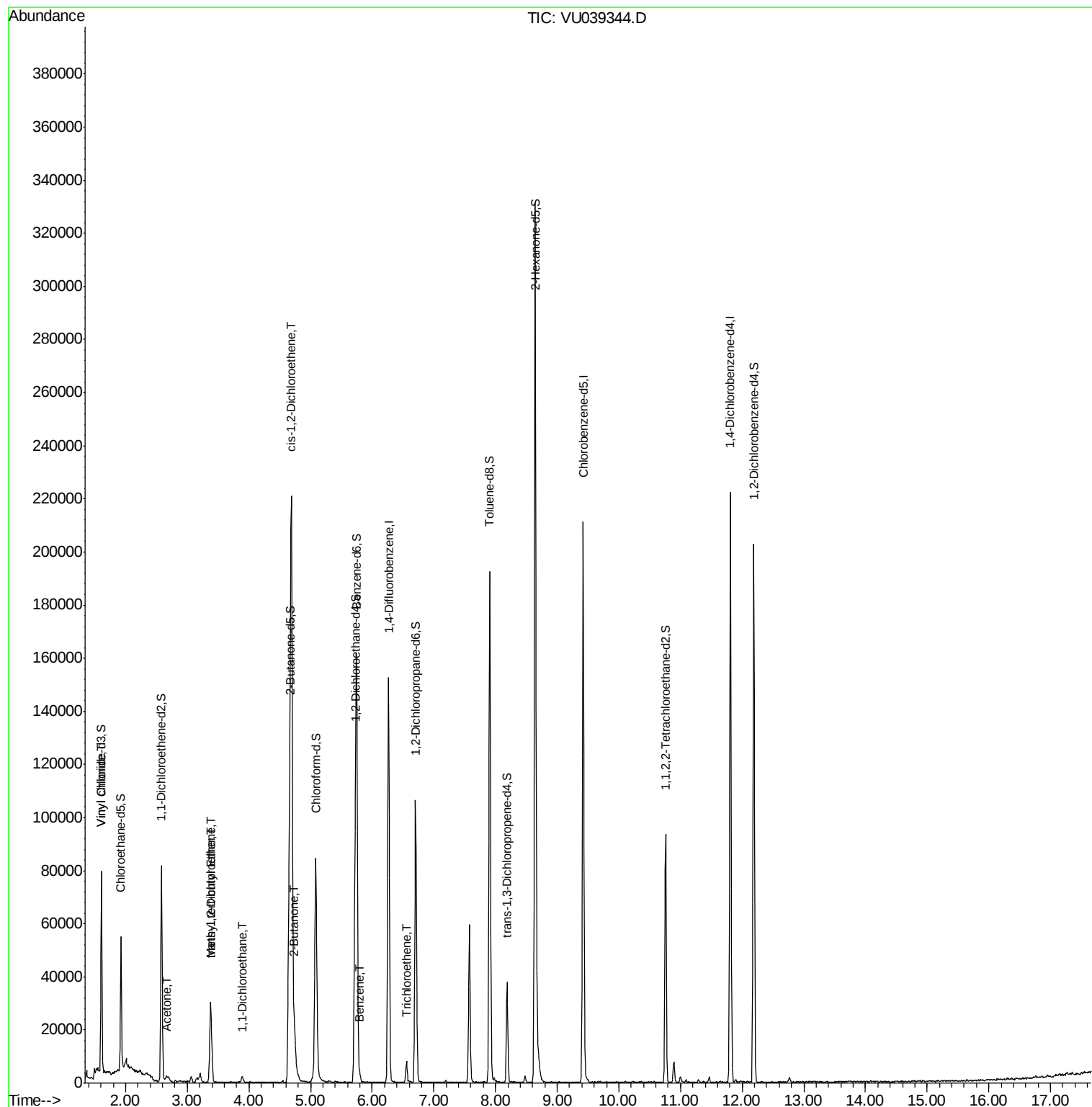
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	15856	1.665	ug/L #	81
13) Acetone	2.66	43	4309	2.578	ug/L	88
17) Methyl tert-butyl Ether	3.39	73	24325	1.111	ug/L	99
18) trans-1,2-Dichloroethene	3.38	96	3568	0.464	ug/L	85
19) 1,1-Dichloroethane	3.89	63	2866	0.191	ug/L #	79
21) 2-Butanone	4.74	43	29620	9.927	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	92844	10.768	ug/L	97
33) Benzene	5.80	78	2738	0.083	ug/L	100
34) Trichloroethene	6.56	95	2424	0.283	ug/L	96

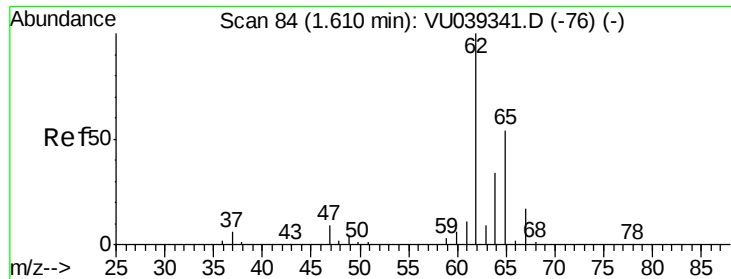
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.665 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039344.D

Acq: 08 Jul 2020 14:03

Instrument :

MSVOA_U

ClientSampleId :

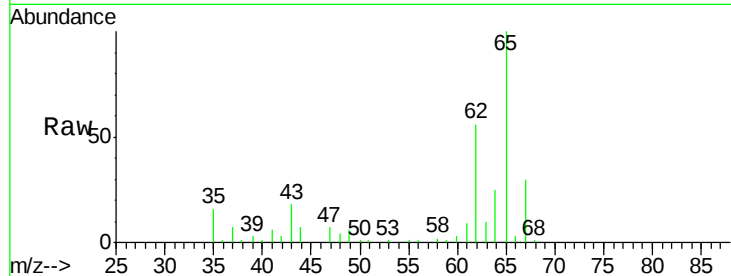
H4277DL

Tot Ion: 62 Resp: 15856

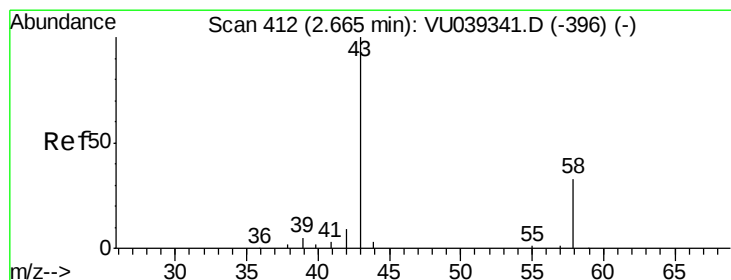
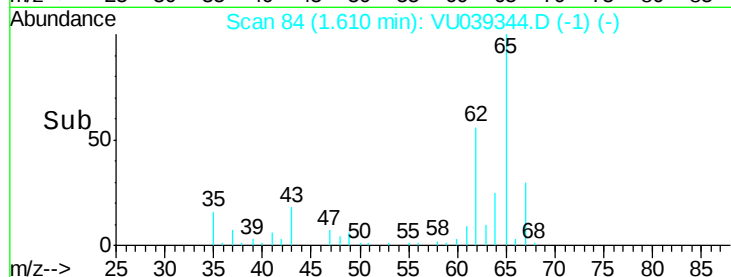
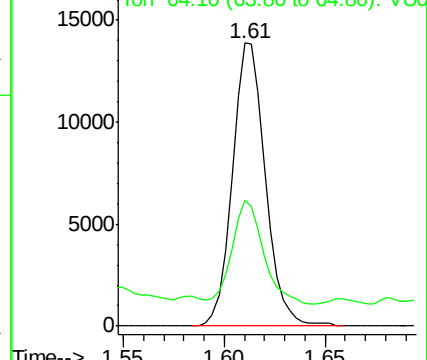
Ion Ratio Lower Upper

62 100

64 44.5 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VU039344.D (-76) (-)



#13

Acetone

Concen: 2.578 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039344.D

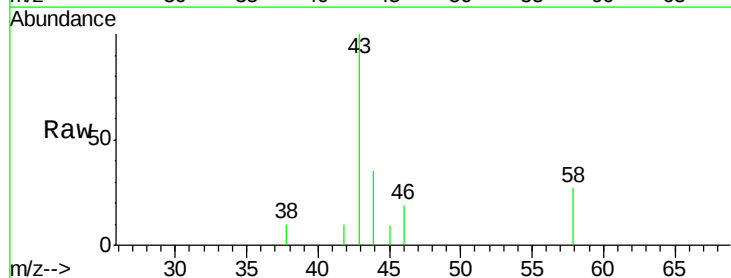
Acq: 08 Jul 2020 14:03

Tgt Ion: 43 Resp: 4309

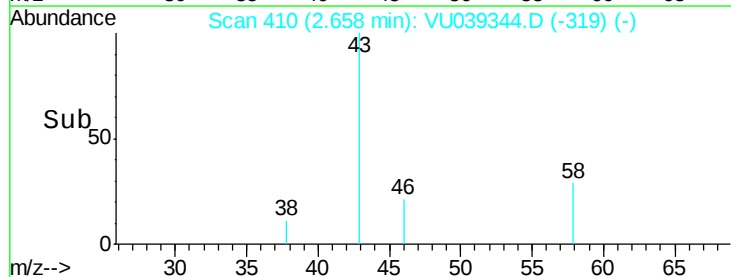
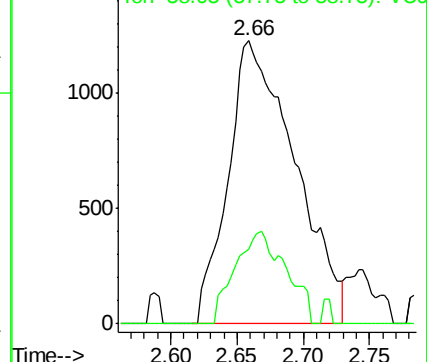
Ion Ratio Lower Upper

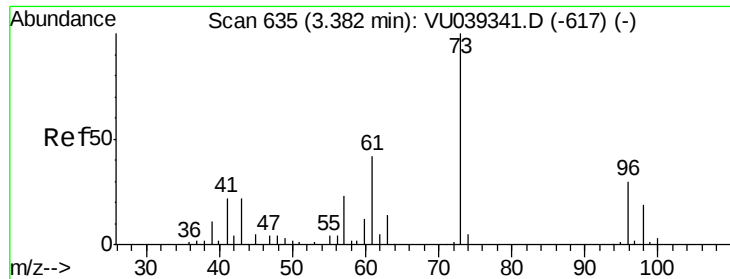
43 100

58 24.8 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039344.D (-396) (-)

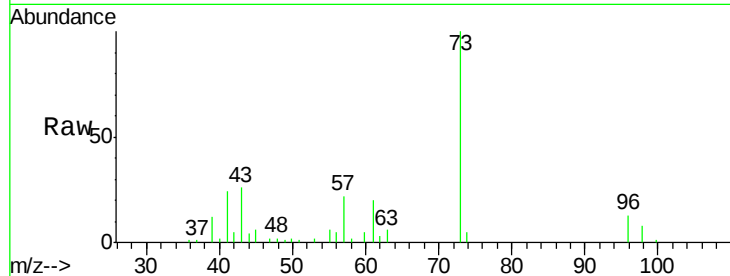




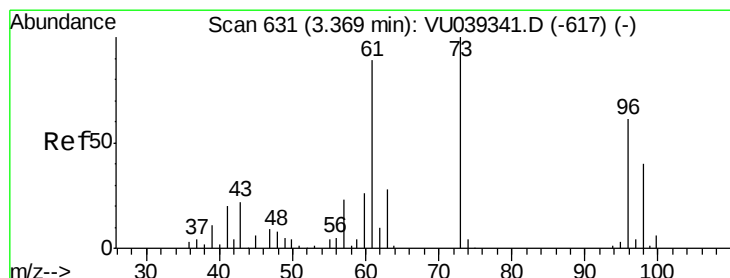
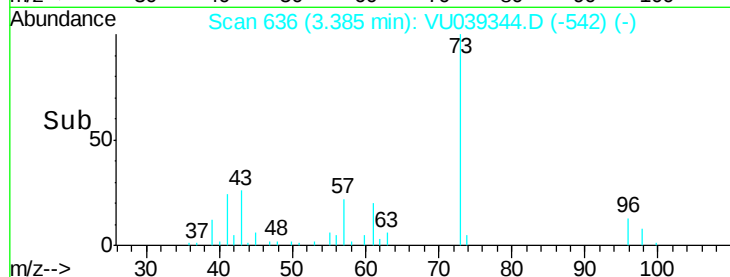
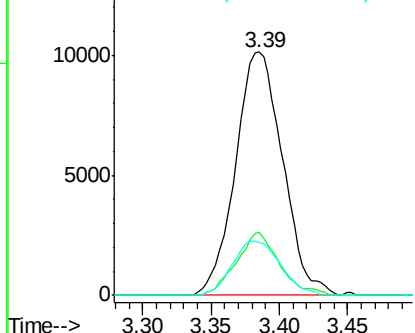
#17
Methvl tert-butvl Ether
Concen: 1.111 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039344.D
Acq: 08 Jul 2020 14:03

Instrument :
MSVOA_U
ClientSampleId :
H4277DL

Tot Ion: 73 Resp: 24325
Ion Ratio Lower Upper
73 100
43 23.6 18.6 28.0
57 22.7 17.9 26.9

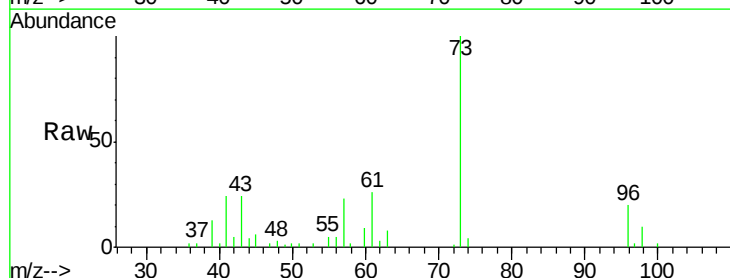


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

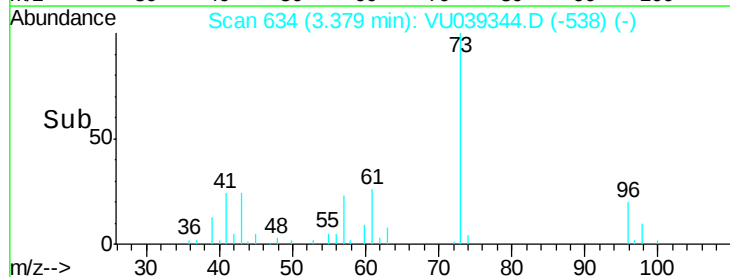
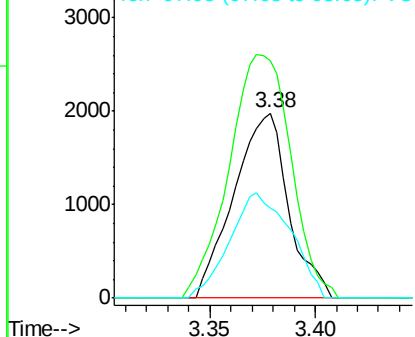


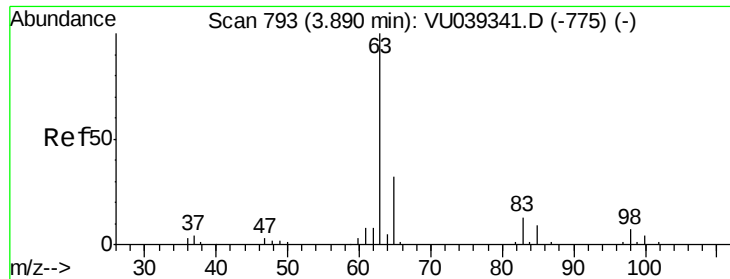
#18
trans-1,2-Dichloroethene
Concen: 0.464 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.01 min
Lab File: VU039344.D
Acq: 08 Jul 2020 14:03

Tgt Ion: 96 Resp: 3568
Ion Ratio Lower Upper
96 100
61 128.5 102.1 189.5
98 48.4 42.5 78.9



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

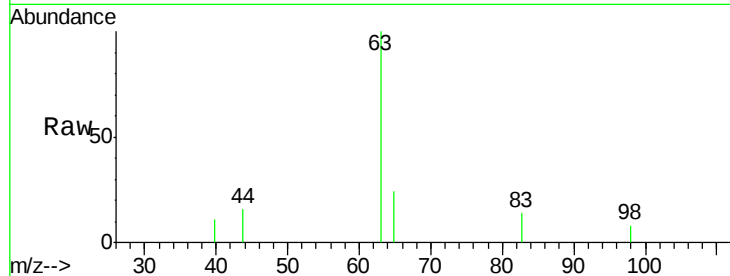




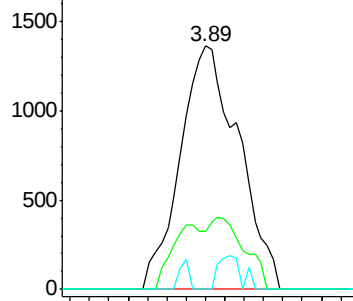
#19
 1,1-Dichloroethane
 Concen: 0.191 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU039344.D
 Acq: 08 Jul 2020 14:03

Instrument :
 MSVOA_U
 ClientSampleId :
 H4277DL

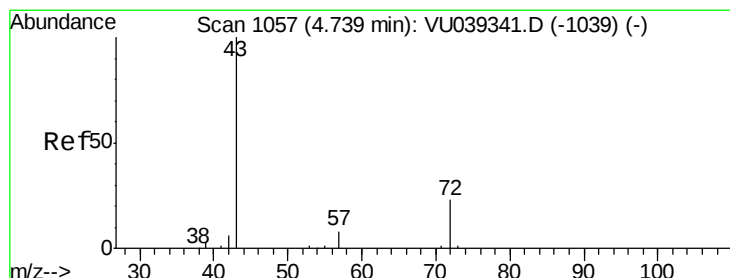
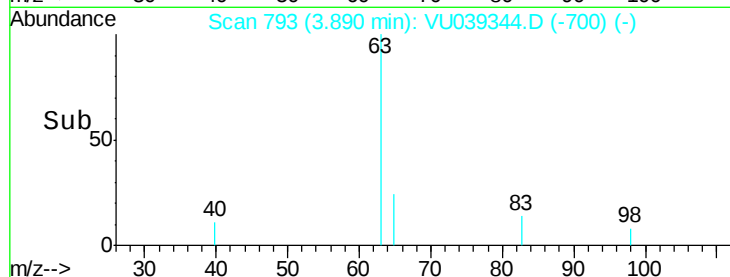
Tot Ion: 63 Resp: 2866
 Ion Ratio Lower Upper
 63 100
 65 24.0 23.0 42.6
 83 0.0 9.6 17.8#



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

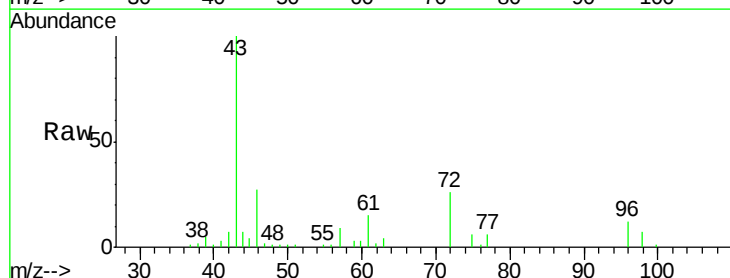


Time-->

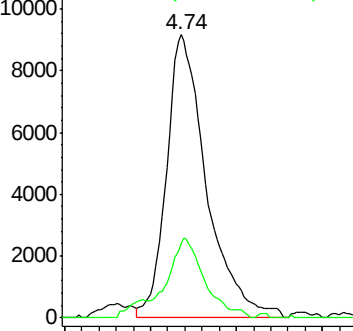


#21
 2-Butanone
 Concen: 9.927 ug/L
 RT: 4.74 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: VU039344.D
 Acq: 08 Jul 2020 14:03

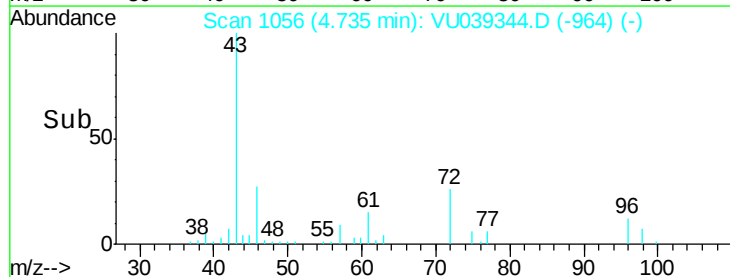
Tgt Ion: 43 Resp: 29620
 Ion Ratio Lower Upper
 43 100
 72 25.6 13.2 39.5

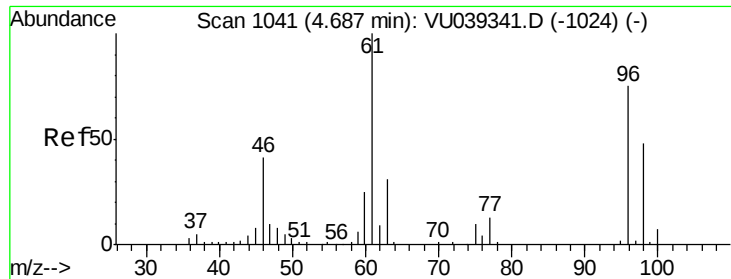


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0



Time-->

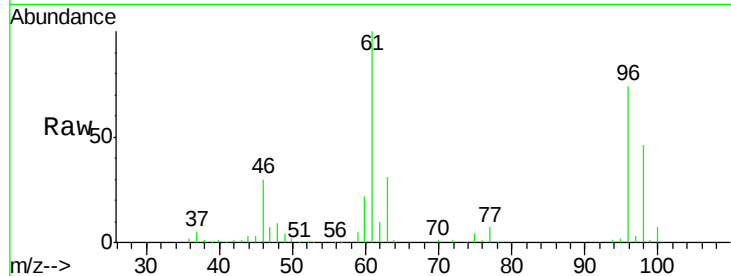




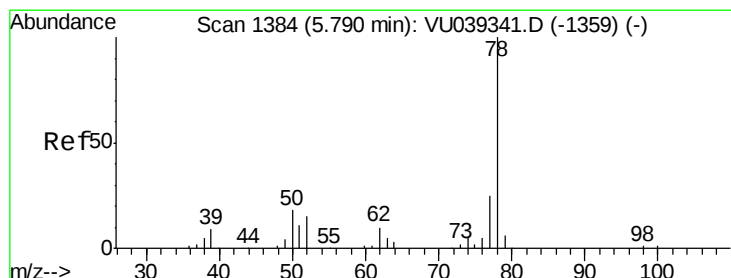
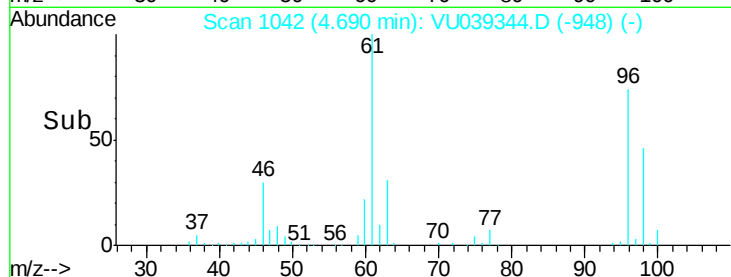
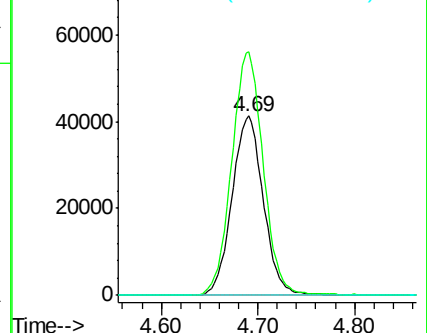
#22
 cis-1,2-Dichloroethene
 Concen: 10.768 ug/L
 RT: 4.69 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VU039344.D
 Acq: 08 Jul 2020 14:03

Instrument :
 MSVOA_U
 ClientSampleId :
 H4277DL

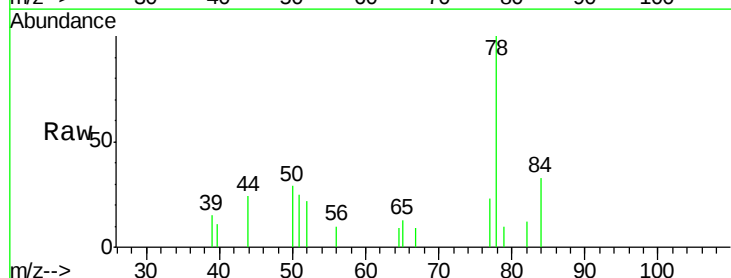
Tot Ion: 96 Resp: 92844
 Ion Ratio Lower Upper
 96 100
 61 135.9 92.8 172.4
 68 0.0 0.0 0.0



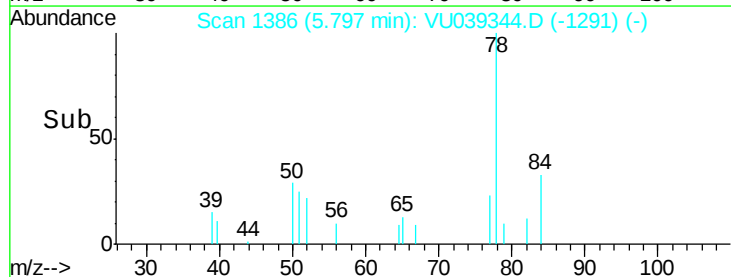
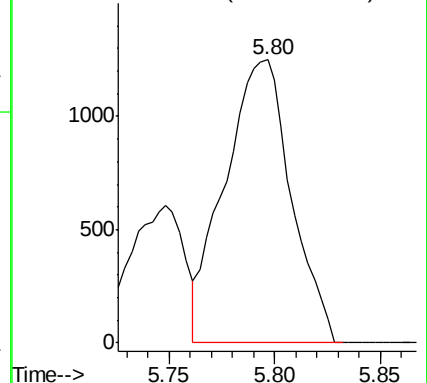
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

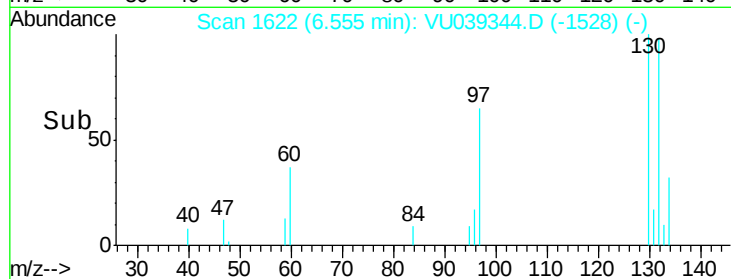
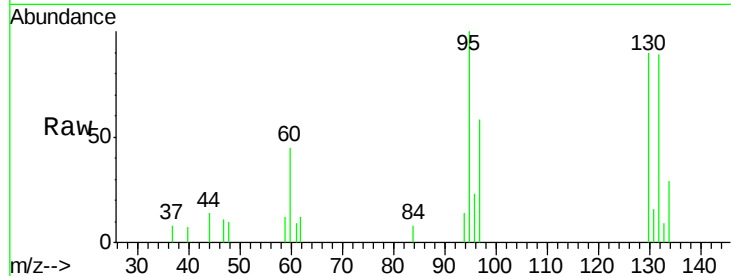
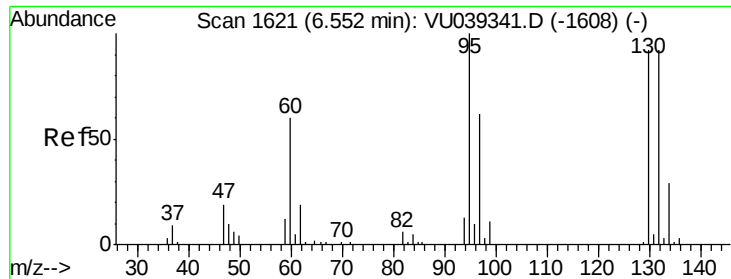


#33
 Benzene
 Concen: 0.083 ug/L
 RT: 5.80 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: VU039344.D
 Acq: 08 Jul 2020 14:03
 Tgt Ion: 78 Resp: 2738



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 0.283 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039344.D

Acq: 08 Jul 2020 14:03

Instrument :

MSVOA_U

ClientSampleId :

H4277DL

Tot Ion: 95 Resp: 2424

Ion Ratio Lower Upper

95 100

97 58.3 46.3 85.9

132 88.6 64.0 118.8

130 90.1 64.3 119.5

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

