

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112020\
 Data File : VU041375.D
 Acq On : 20 Nov 2020 18:28
 Operator : SY/MD
 Sample : L4849-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4421

Quant Time: Nov 21 05:50:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 21 02:42:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	57959	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58411	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24217	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15646	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.92	69	15146	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.57	63	26387	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.64	46	76205	43.35	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.70%
24) Chloroform-d	5.08	84	47603	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.72	65	28978	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.74	84	78880	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	28153	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.91	98	64070	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.18	79	10663	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	50635	40.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23905	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	26142	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

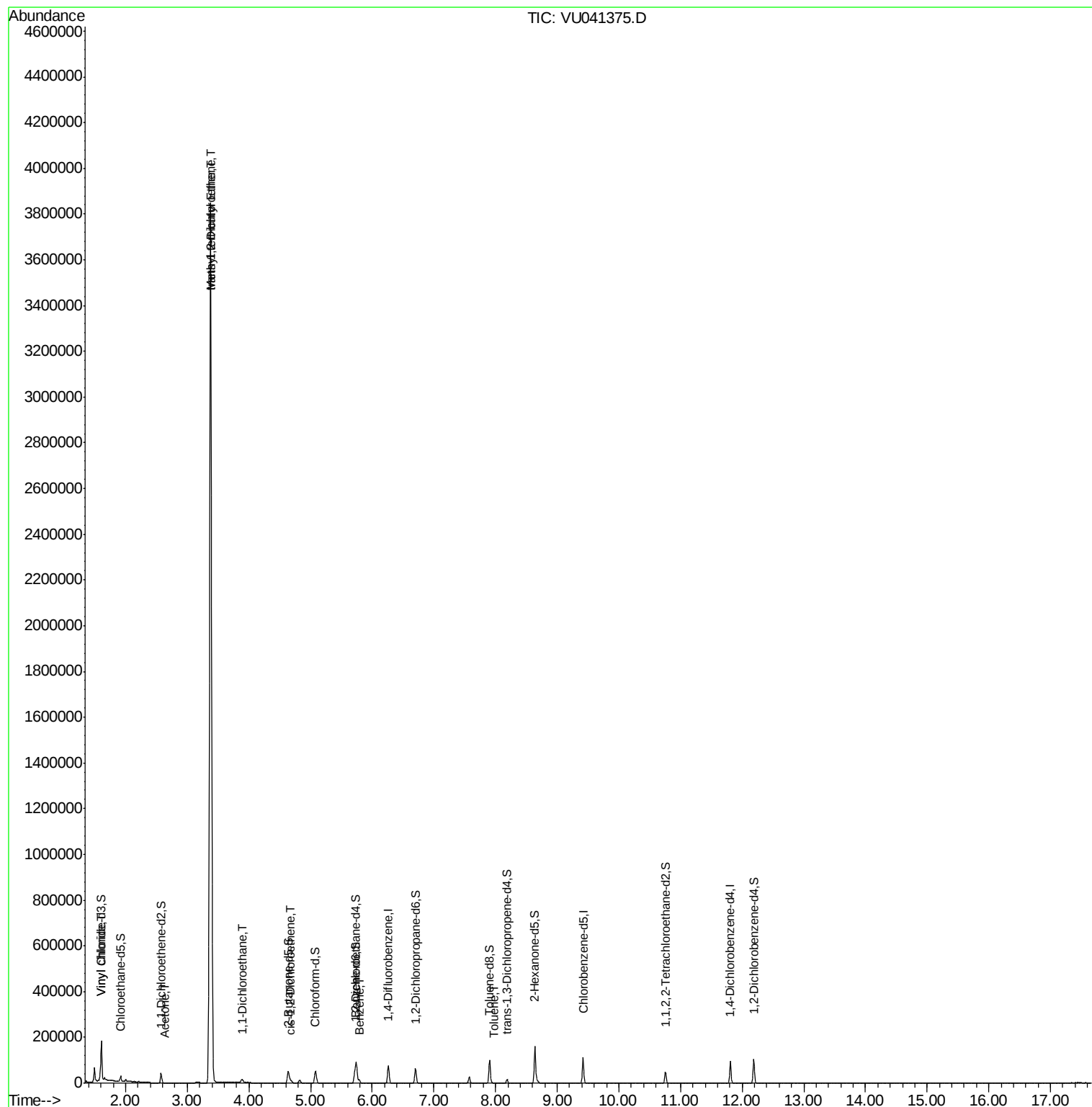
					Ovalue
5) Vinyl chloride	1.61	62	59673	11.860 ug/L	# 77
13) Acetone	2.64	43	1207	1.035 ug/L	79
17) Methyl tert-butyl Ether	3.38	73	4093686	396.331 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	10777	2.933 ug/L	94
19) 1,1-Dichloroethane	3.89	63	17401	2.118 ug/L	96
22) cis-1,2-Dichloroethene	4.68	96	4031	0.971 ug/L	97
33) Benzene	5.79	78	13482	0.852 ug/L	100
42) Toluene	7.97	91	621	0.037 ug/L	91

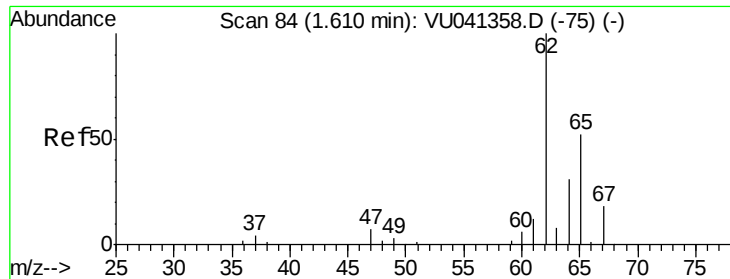
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 11.860 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041375.D

Acq: 20 Nov 2020 18:28

Instrument :

MSVOA_U

ClientSampleId :

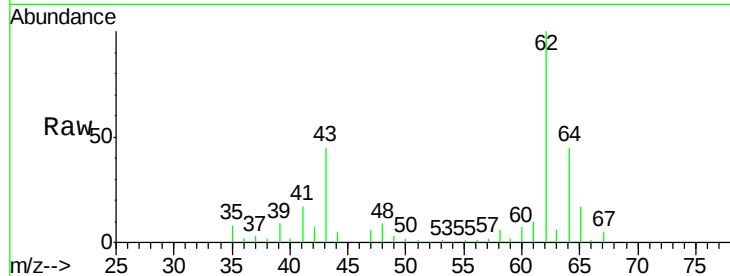
H4421

Tot Ion: 62 Resp: 59673

Ion Ratio Lower Upper

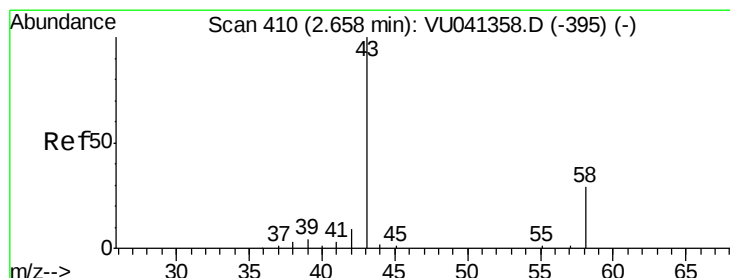
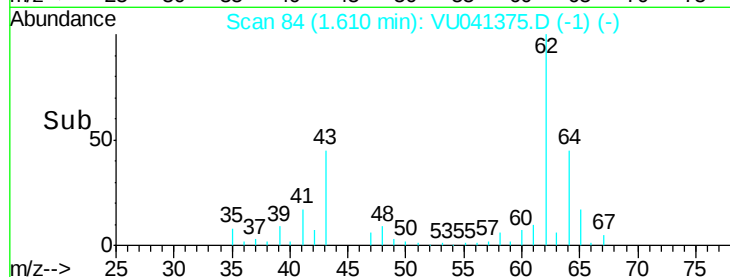
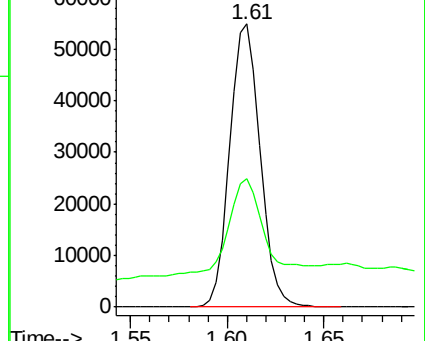
62 100

64 45.3 22.7 42.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 1.035 ug/L

RT: 2.64 min Scan# 404

Delta R.T. -0.02 min

Lab File: VU041375.D

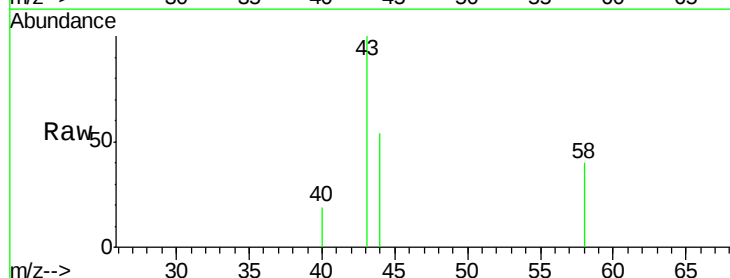
Acq: 20 Nov 2020 18:28

Tgt Ion: 43 Resp: 1207

Ion Ratio Lower Upper

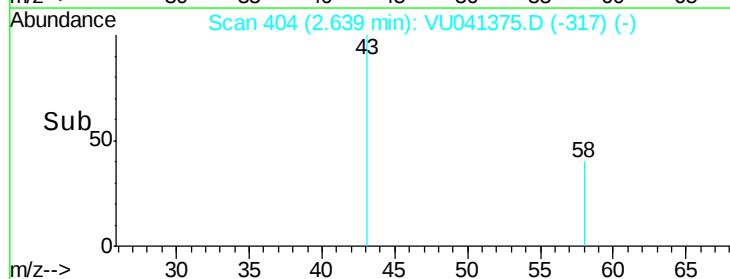
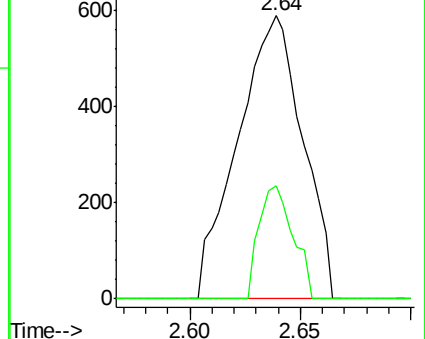
43 100

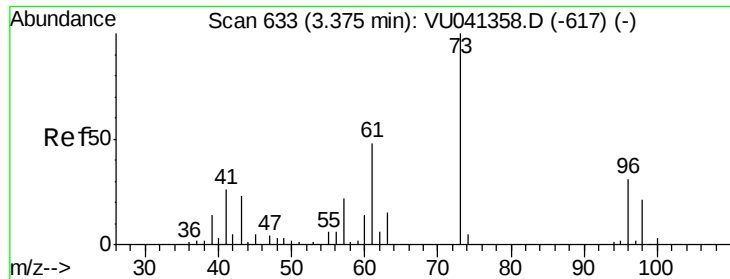
58 21.0 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

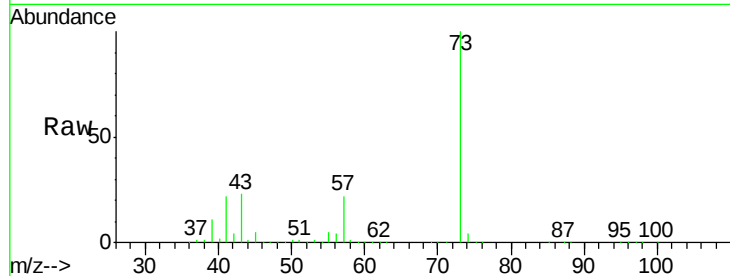




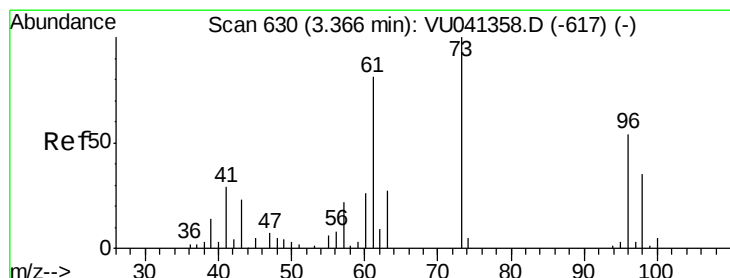
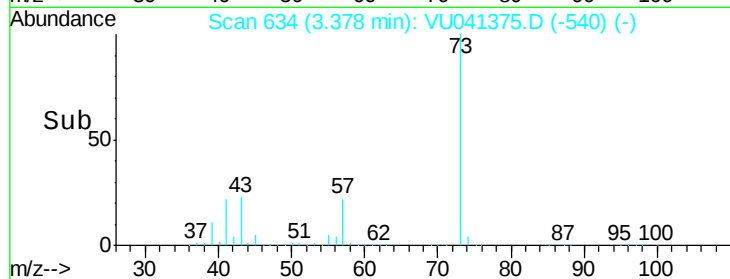
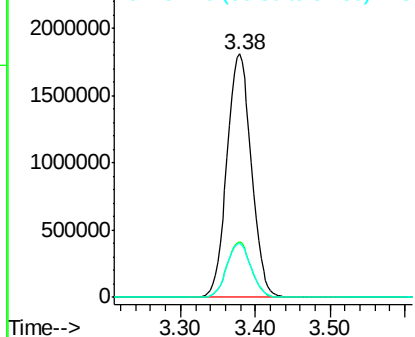
#17
Methvl tert-butvl Ether
Concen: 396.331 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU041375.D
Acq: 20 Nov 2020 18:28

Instrument :
MSVOA_U
ClientSampleId :
H4421

Tot Ion: 73 Resp: 4093686
Ion Ratio Lower Upper
73 100
43 22.6 18.5 27.7
57 22.2 18.4 27.6

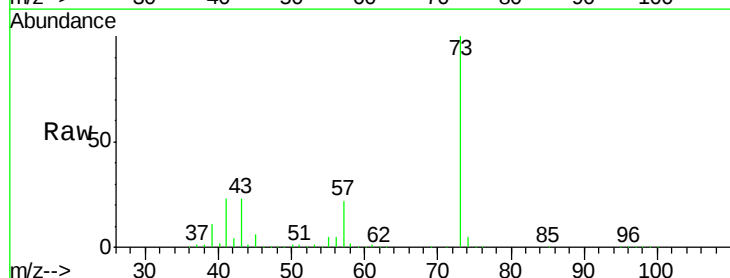


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

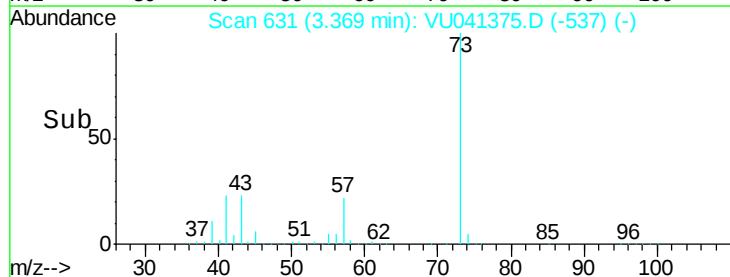
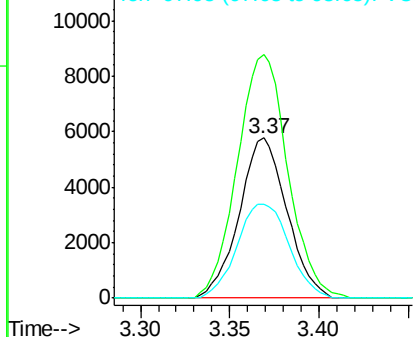


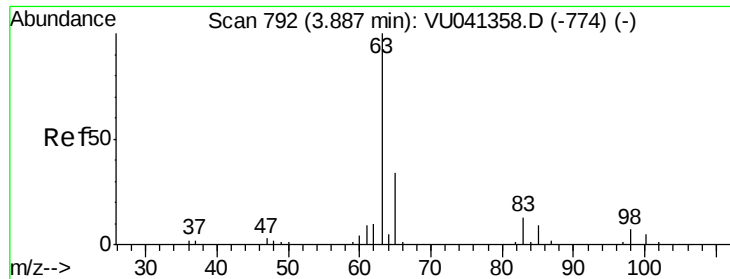
#18
trans-1,2-Dichloroethene
Concen: 2.933 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041375.D
Acq: 20 Nov 2020 18:28

Tgt Ion: 96 Resp: 10777
Ion Ratio Lower Upper
96 100
61 152.1 110.9 205.9
98 58.9 45.4 84.2



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

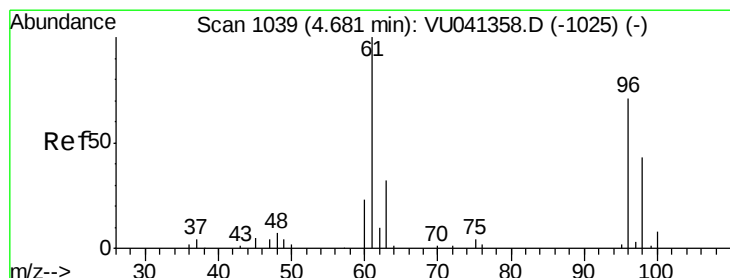
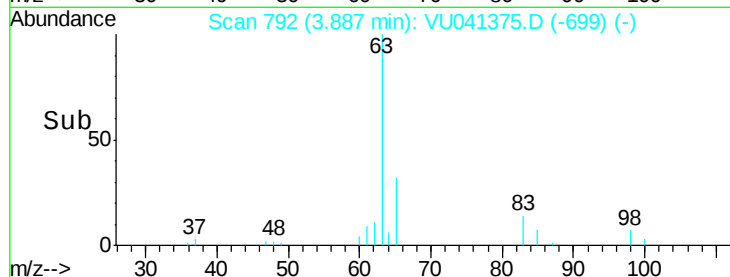
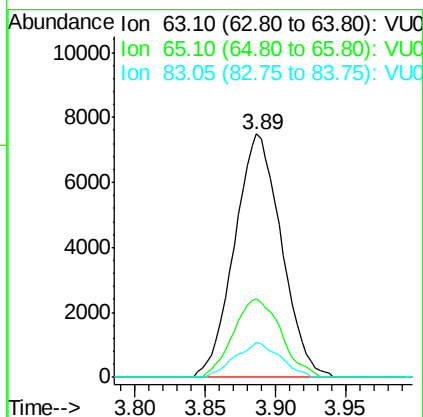
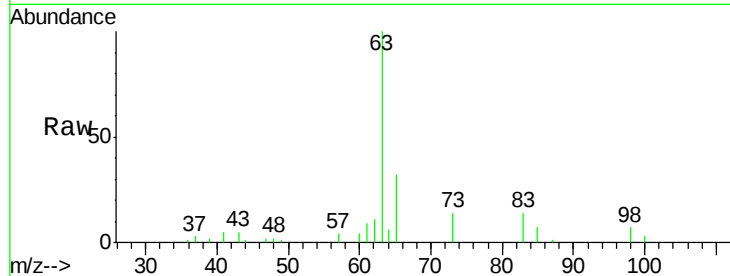




#19
 1,1-Dichloroethane
 Concen: 2.118 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU041375.D
 Acq: 20 Nov 2020 18:28

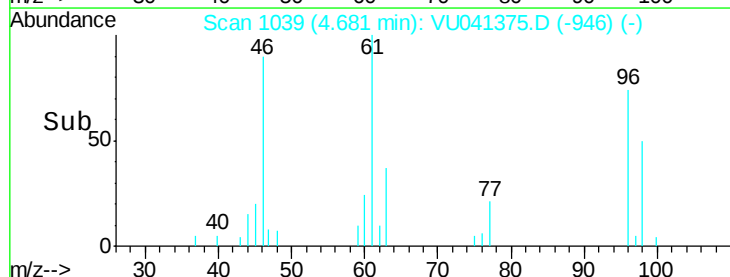
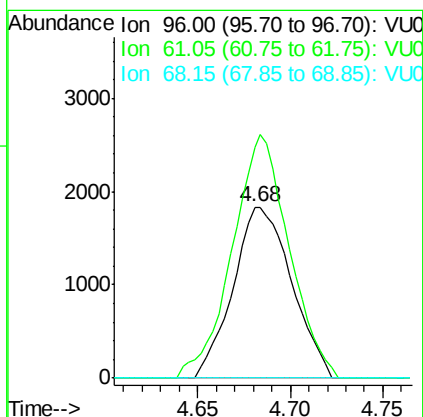
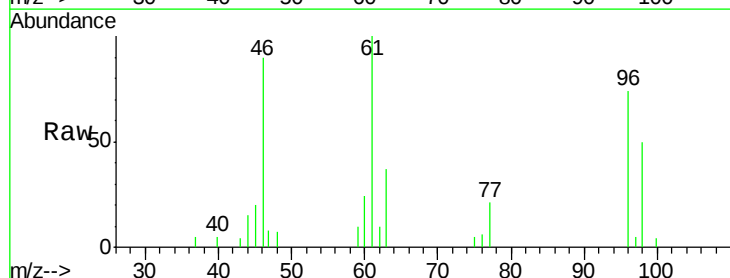
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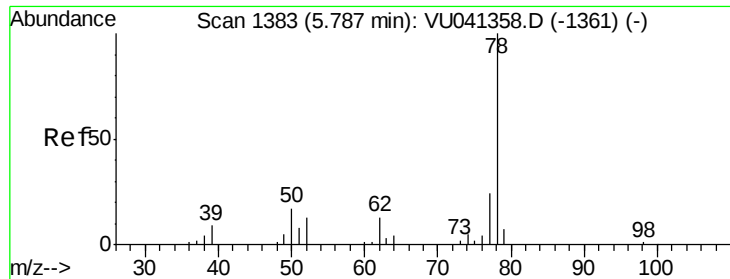
Tot Ion: 63 Resp: 17401
 Ion Ratio Lower Upper
 63 100
 65 32.3 21.3 39.6
 83 14.1 8.8 16.3



#22
 cis-1,2-Dichloroethene
 Concen: 0.971 ug/L
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU041375.D
 Acq: 20 Nov 2020 18:28

Tgt Ion: 96 Resp: 4031
 Ion Ratio Lower Upper
 96 100
 61 134.9 97.2 180.4
 68 0.0 0.0 0.0





#33

Benzene

Concen: 0.852 ug/L

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU041375.D

Acq: 20 Nov 2020 18:28

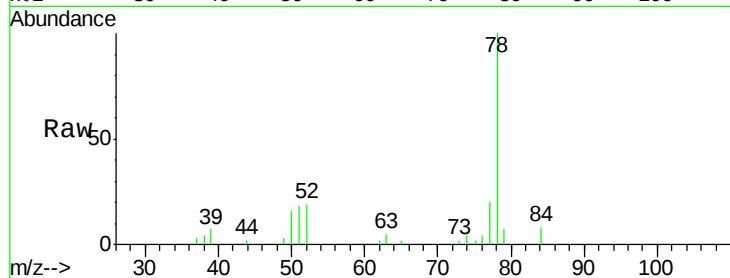
Instrument :

MSVOA_U

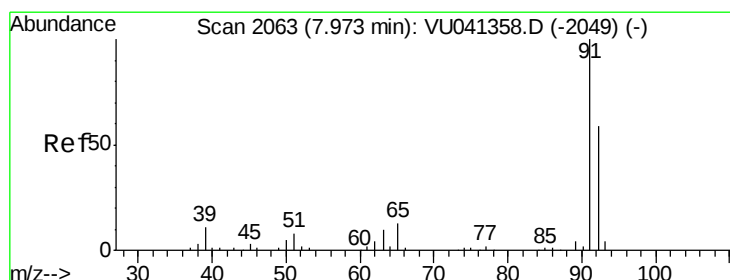
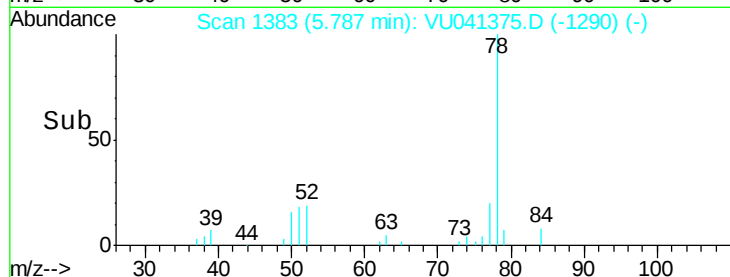
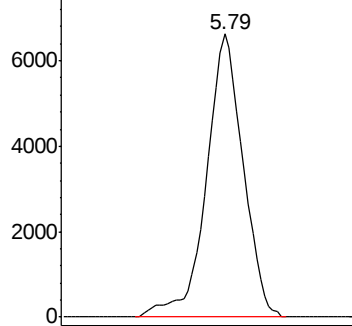
ClientSampleId :

H4421

Tgt Ion: 78 Resp: 13482



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.037 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU041375.D

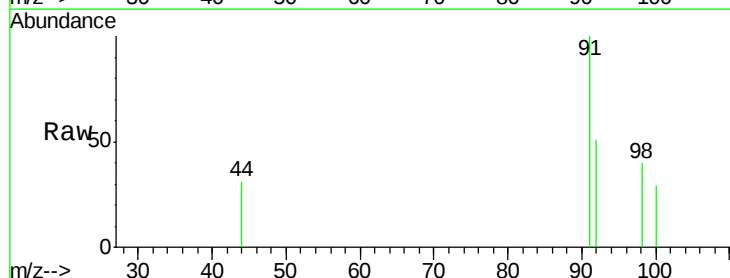
Acq: 20 Nov 2020 18:28

Tgt Ion: 91 Resp: 621

Ion Ratio Lower Upper

91 100

92 51.0 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

