

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041325.D
 Acq On : 18 Nov 2020 20:37
 Operator : SY/MD
 Sample : L4790-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4424

Manual Integrations
 APPROVED

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 11/20/2020 2:21:20 PM

Quant Time: Nov 19 01:30:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 19 00:50:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64143	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64319	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25275	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21036	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.92	69	19231	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.58	63	33899	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.66	46	94763	48.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.42%
24) Chloroform-d	5.08	84	50252	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.72	65	31249	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.74	84	88795	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.70	67	29438	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	69540	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.19	79	11465	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	63359	46.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26703	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	25659	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

					Ovalue
5) Vinyl chloride	1.61	62	77733	13.960 ug/L	98
13) Acetone	2.67	43	2473m	1.916 ug/L	
17) Methyl tert-butyl Ether	3.38	73	28712	2.512 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	91149	22.414 ug/L	97
19) 1,1-Dichloroethane	3.89	63	6799	0.748 ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	503379	109.604 ug/L	96
33) Benzene	5.79	78	1914	0.110 ug/L	100
34) Trichloroethene	6.55	95	3453	0.733 ug/L	96

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

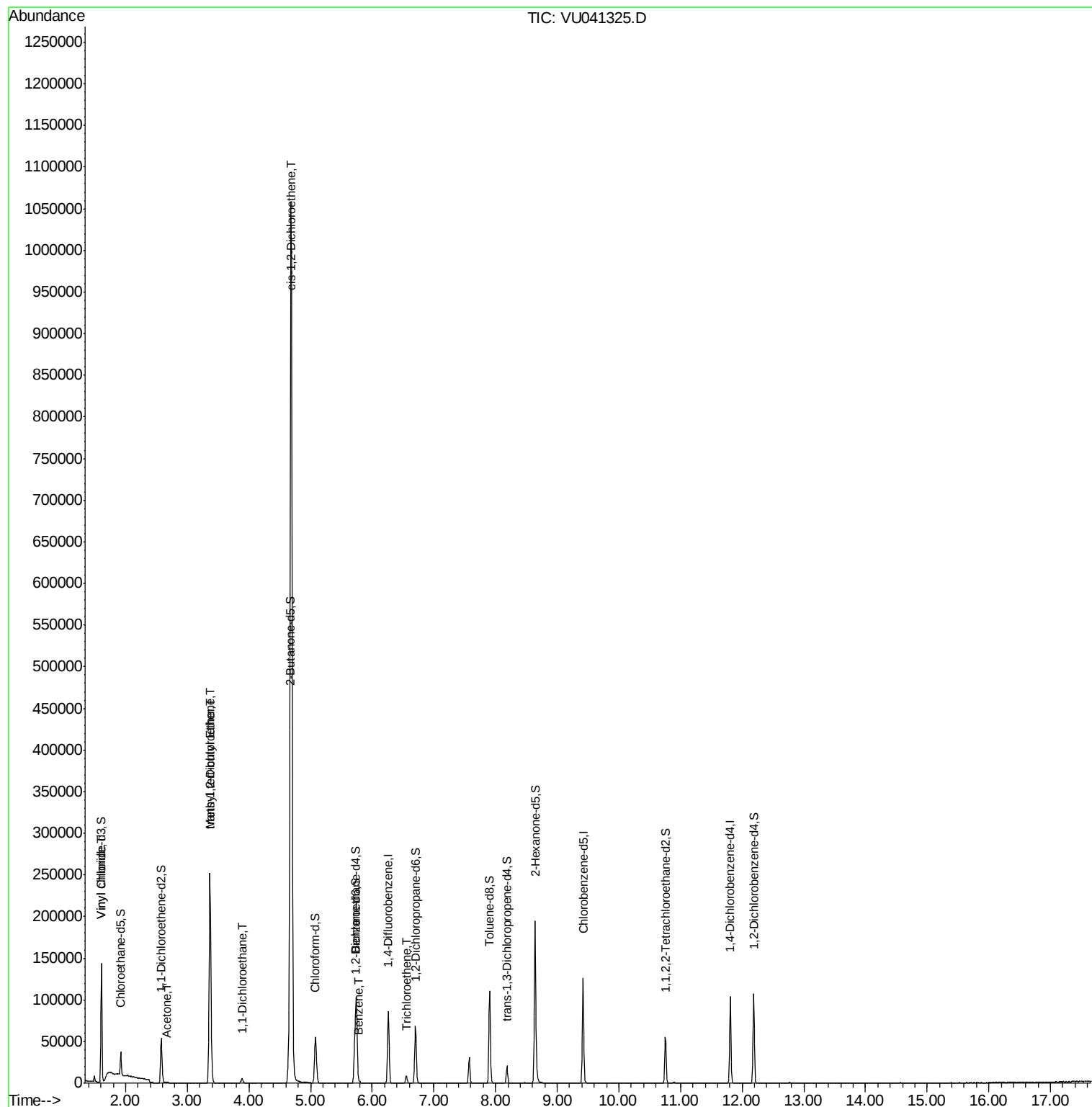
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
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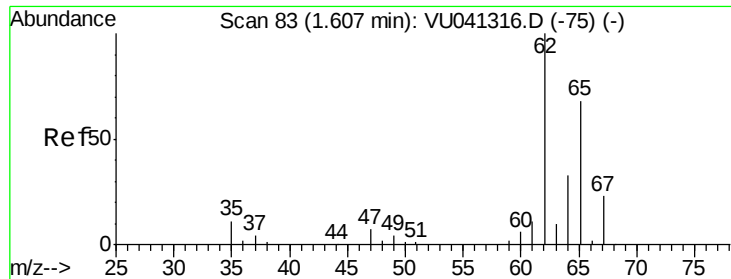
Instrument :
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Quant Time: Nov 19 01:30:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 13.960 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041325.D

Acq: 18 Nov 2020 20:37

Instrument :

MSVOA_U

ClientSampled :

H4424

Tot Ion: 62 Resp: 77733

Ion Ratio Lower Upper

62 100

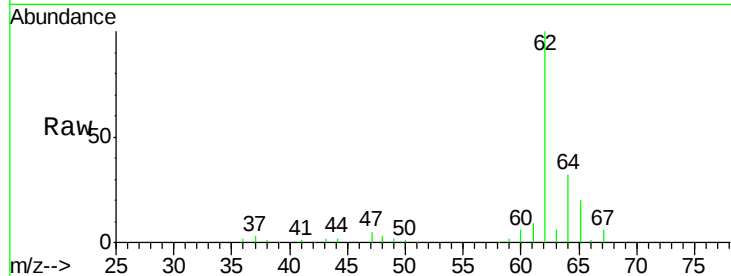
64 31.6 22.7 42.3

Manual Integrations

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Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

80000

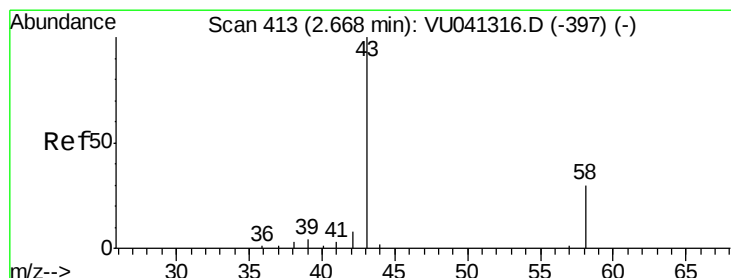
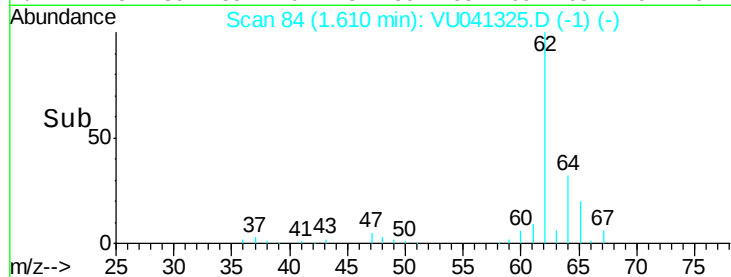
60000

40000

20000

0

Time-->



#13

Acetone

Concen: 1.916 ug/L m

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU041325.D

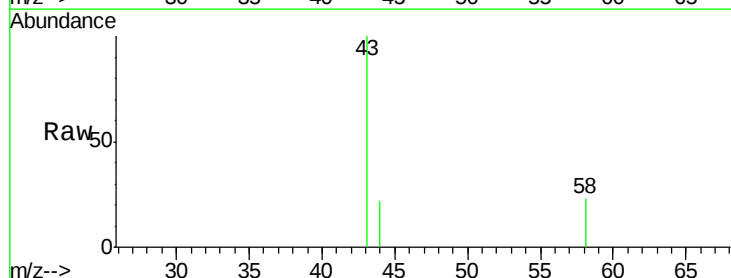
Acq: 18 Nov 2020 20:37

Tgt Ion: 43 Resp: 2473

Ion Ratio Lower Upper

43 100

58 18.8 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.67

800

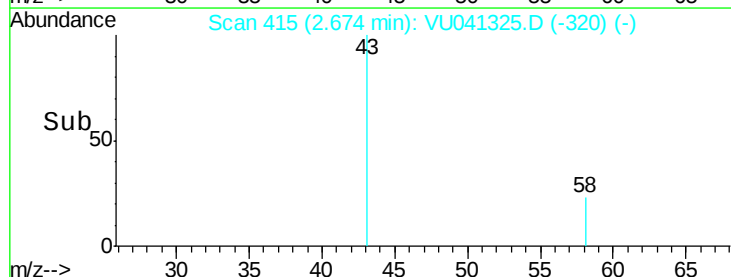
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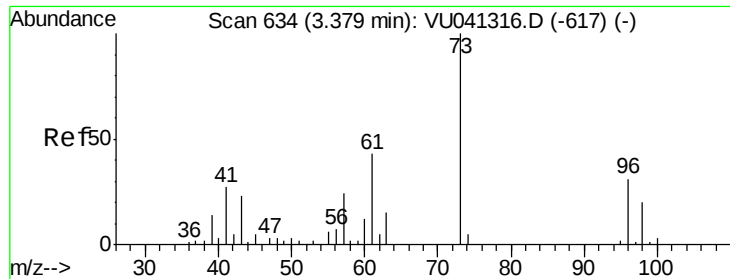
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200

0

Time-->





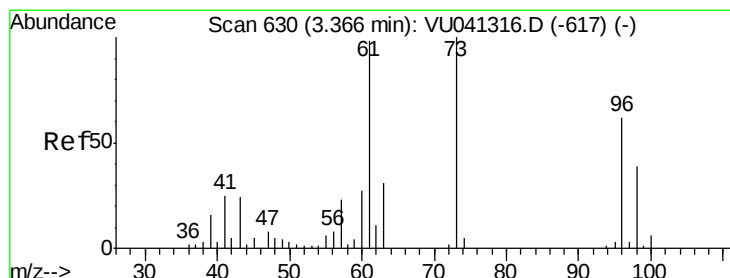
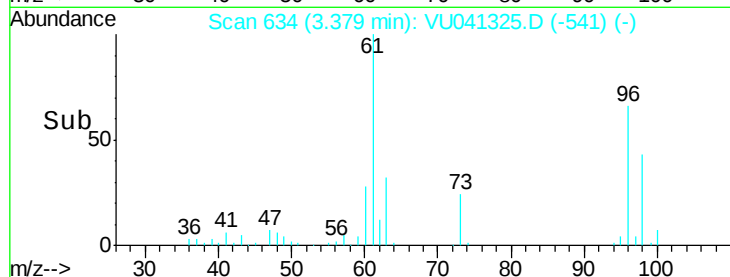
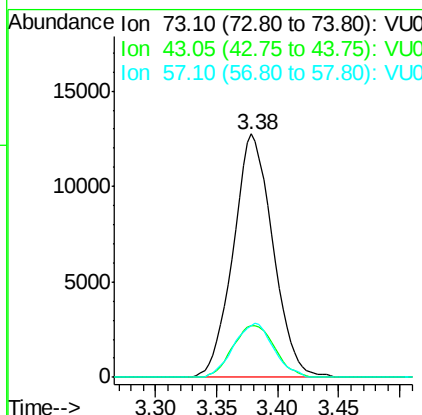
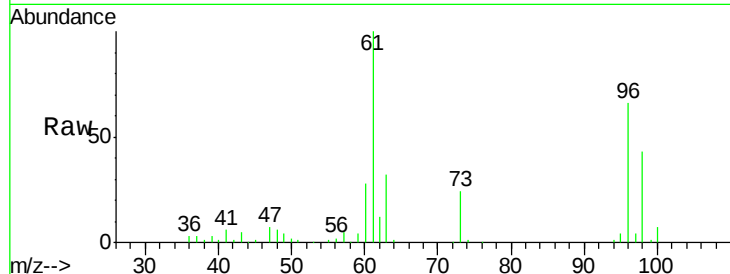
#17
Methvl tert-butvl Ether
Concen: 2.512 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041325.D
Acq: 18 Nov 2020 20:37

Instrument :
MSVOA_U
ClientSampleId :
H4424

Tot Ion	Ratio	Lower	Upper
73	100		
43	22.7	18.5	27.7
57	22.3	18.4	27.6

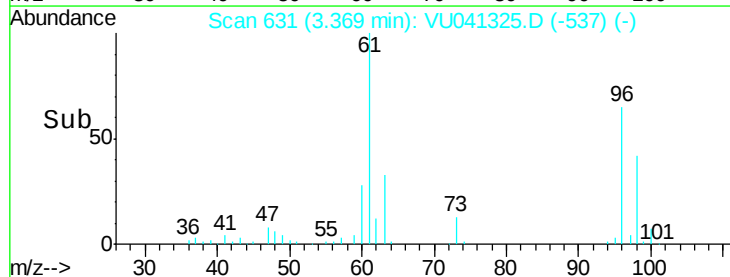
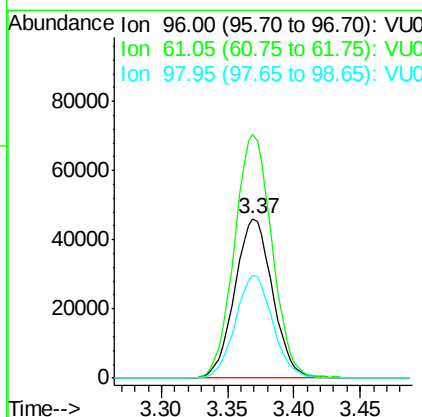
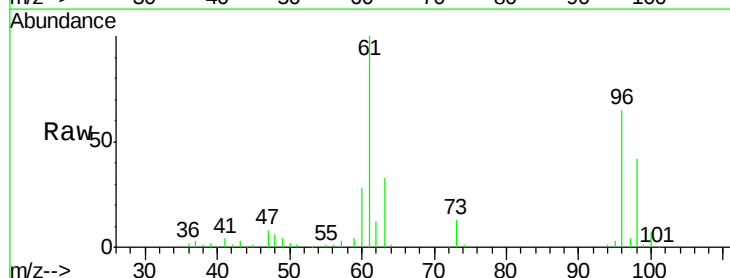
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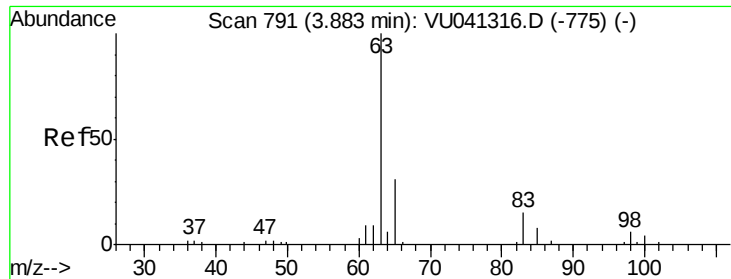
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#18
trans-1,2-Dichloroethene
Concen: 22.414 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041325.D
Acq: 18 Nov 2020 20:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.7	110.9	205.9
98	64.2	45.4	84.2





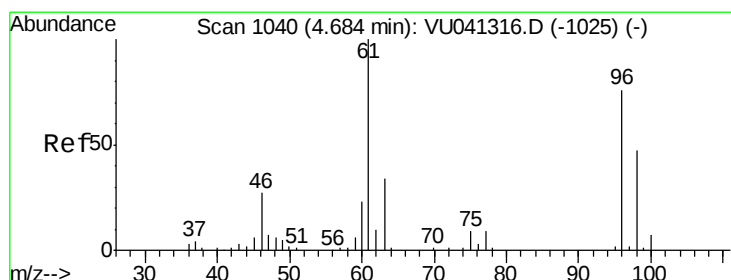
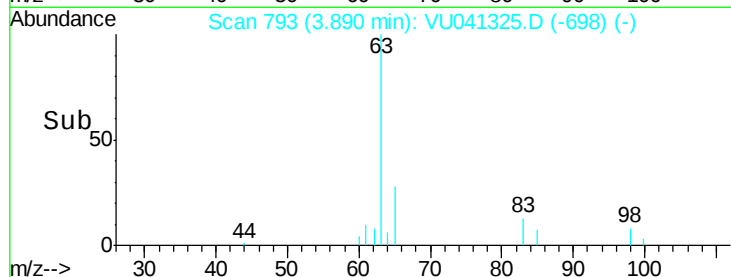
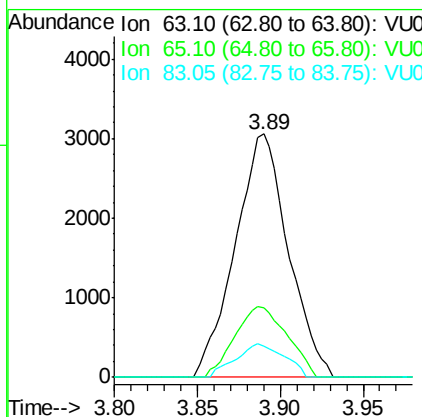
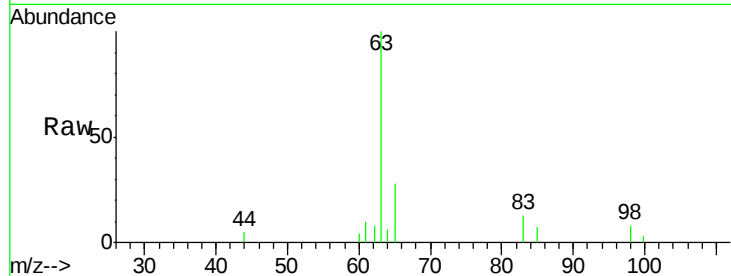
#19
 1,1-Dichloroethane
 Concen: 0.748 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: VU041325.D
 Acq: 18 Nov 2020 20:37

Instrument :
 MSVOA_U
 ClientSampleId :
 H4424

Tot Ion:	63	Resp:	6799
Ion	Ratio	Lower	Upper
63	100		
65	28.4	21.3	39.6
83	12.9	8.8	16.3

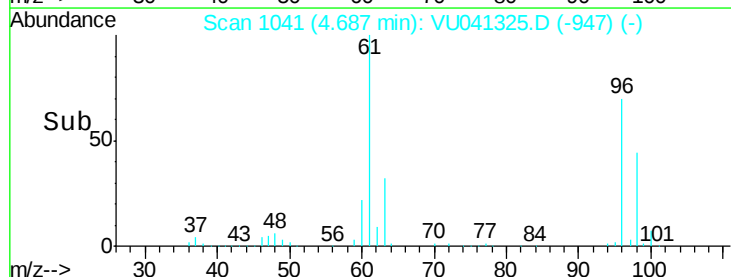
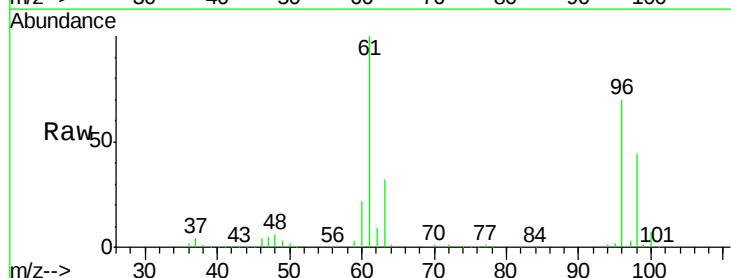
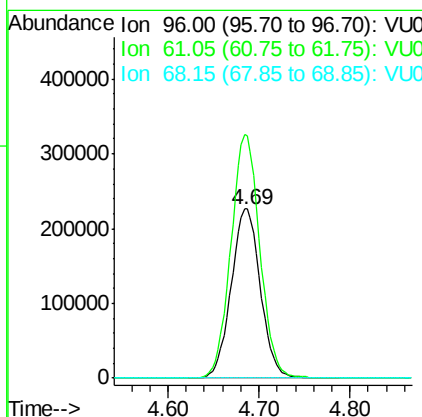
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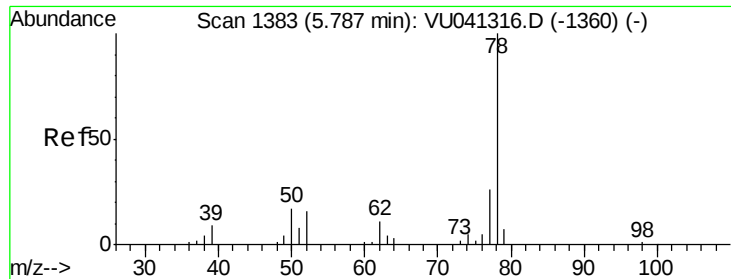
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#22
 cis-1,2-Dichloroethene
 Concen: 109.604 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU041325.D
 Acq: 18 Nov 2020 20:37

Tgt Ion:	96	Resp:	503379
Ion	Ratio	Lower	Upper
96	100		
61	143.2	97.2	180.4
68	0.0	0.0	0.0





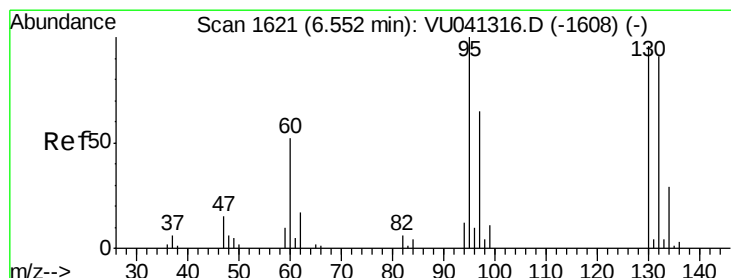
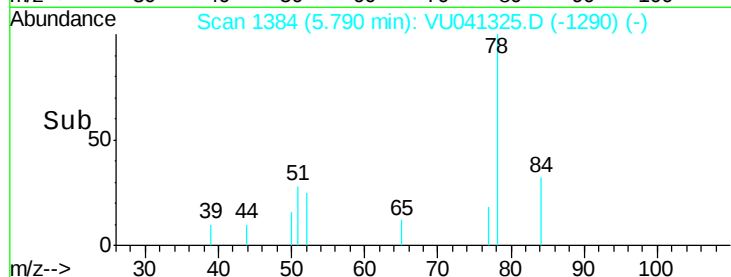
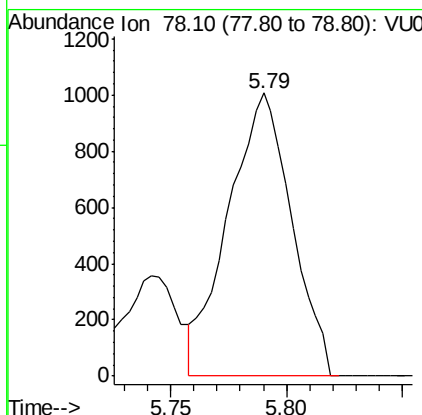
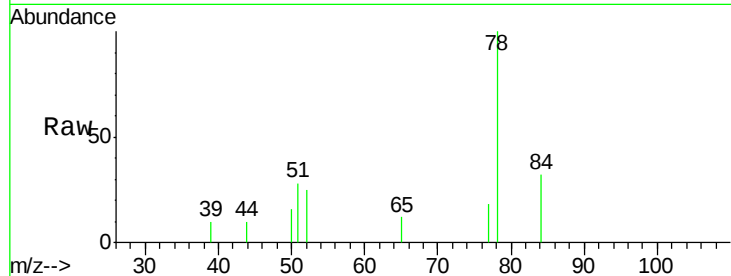
#33
Benzene
Concen: 0.110 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041325.D
Acq: 18 Nov 2020 20:37

Instrument :
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Tgt Ion: 78 Resp: 1914

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#34
Trichloroethene
Concen: 0.733 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041325.D
Acq: 18 Nov 2020 20:37

Tgt Ion: 95 Resp: 3453
Ion Ratio Lower Upper
95 100
97 65.6 45.6 84.6
132 87.3 64.8 120.4
130 88.6 64.8 120.4

