

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
 Data File : VU039301.D
 Acq On : 06 Jul 2020 19:05
 Operator : SY/MD
 Sample : L3193-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4282

Manual Integrations
 APPROVED

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 7/8/2020 2:52:50 PM

Quant Time: Jul 07 03:38:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:17:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111366	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	103215	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	47032	5.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.80%
7) Chloroethane-d5	1.92	69	39782	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.58	63	65763	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	4.67	46	186985	57.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.86%
24) Chloroform-d	5.08	84	87547	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.72	65	53519	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.74	84	176171	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.71	67	58068	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.91	98	158639	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
43) trans-1,3-Dichloropropene-	8.19	79	23079	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.65	63	145542	56.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.16%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	53019	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	58460	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	215318	25.951	ug/L #	79
13) Acetone	2.67	43	14936m	9.779	ug/L	
17) Methyl tert-butyl Ether	3.38	73	44219	2.131	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	8708	1.270	ug/L	97
19) 1,1-Dichloroethane	3.90	63	5481	0.399	ug/L	90
21) 2-Butanone	4.75	43	50687	18.233	ug/L	86
22) cis-1,2-Dichloroethene	4.69	96	98574	12.613	ug/L	97
30) Cyclohexane	5.40	56	947	0.080	ug/L #	89
33) Benzene	5.79	78	7479	0.257	ug/L	100
34) Trichloroethene	6.56	95	1493	0.199	ug/L	85

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

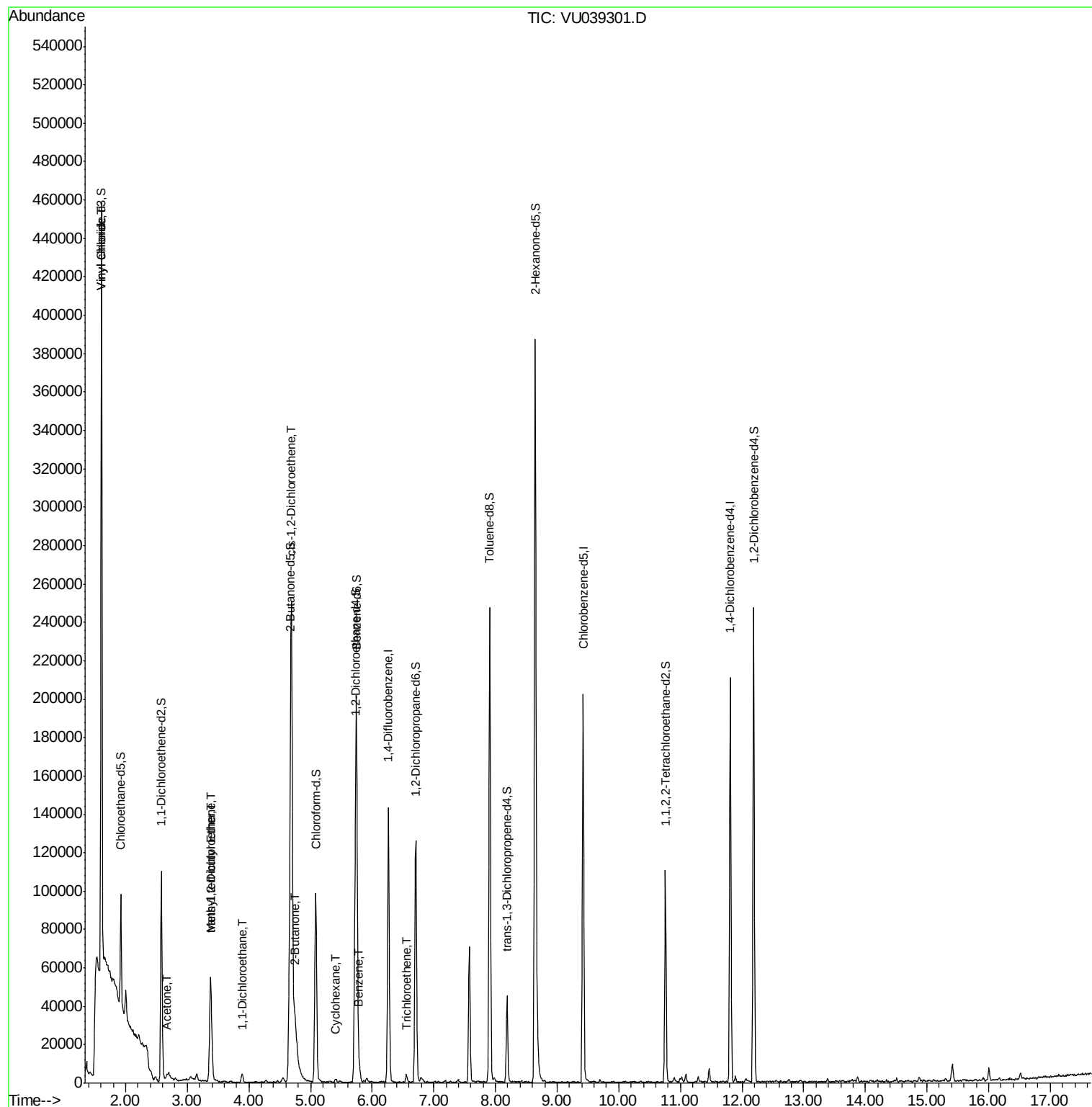
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
Data File : VU039301.D
Acq On : 06 Jul 2020 19:05
Operator : SY/MD
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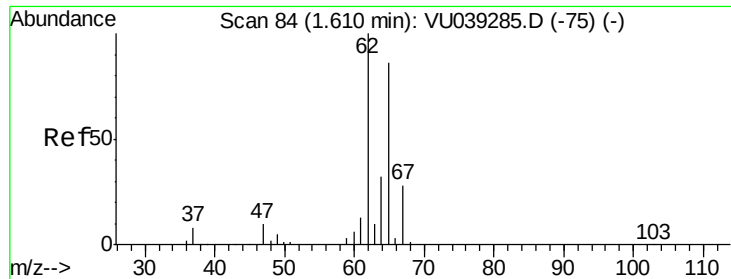
Instrument :
MSVOA_U
ClientSampleId :
H4282

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Quant Time: Jul 07 03:38:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:17:04 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 25.951 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039301.D

Acq: 06 Jul 2020 19:05

Instrument :

MSVOA_U

ClientSampled :

H4282

Tot Ion: 62 Resp: 215318

Ion Ratio Lower Upper

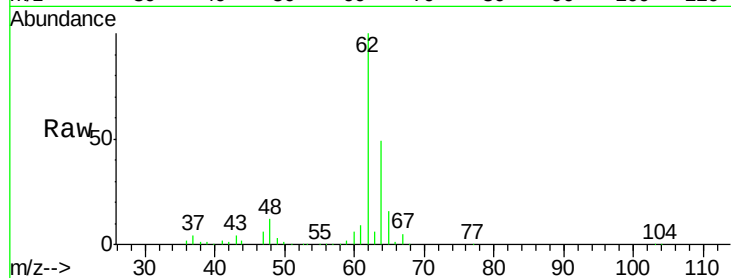
62 100

64 49.0 25.6 47.4#

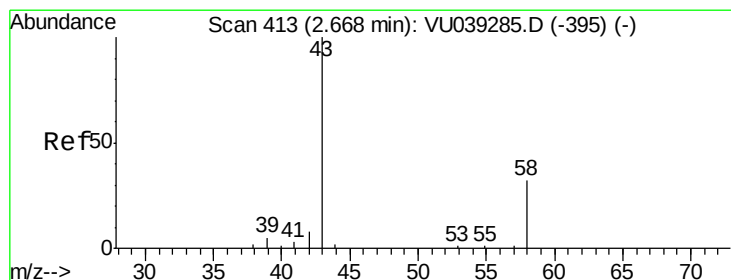
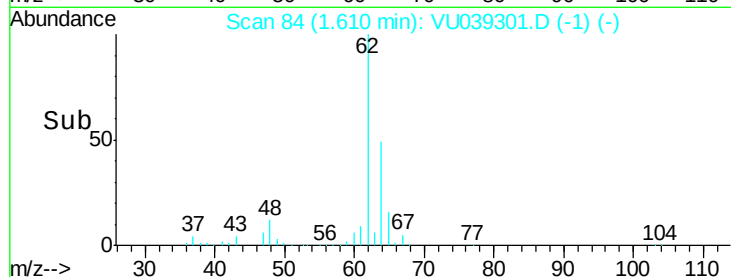
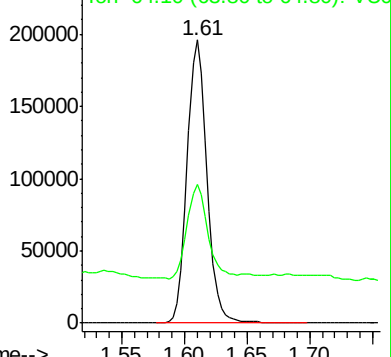
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Abundance Ion 62.00 (61.70 to 62.70): VU039301.D (-1) (-)



#13

Acetone

Concen: 9.779 ug/L m

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU039301.D

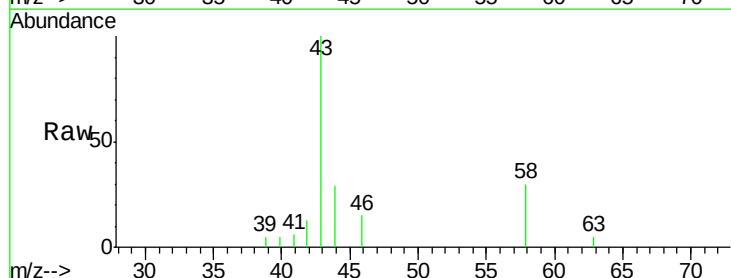
Acq: 06 Jul 2020 19:05

Tgt Ion: 43 Resp: 14936

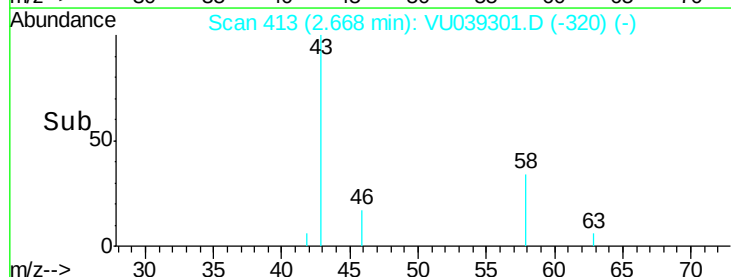
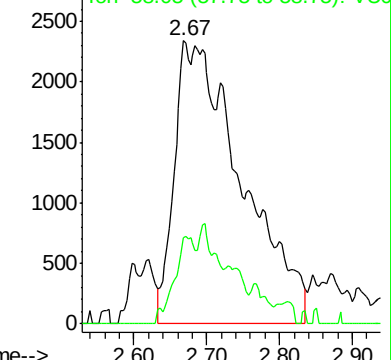
Ion Ratio Lower Upper

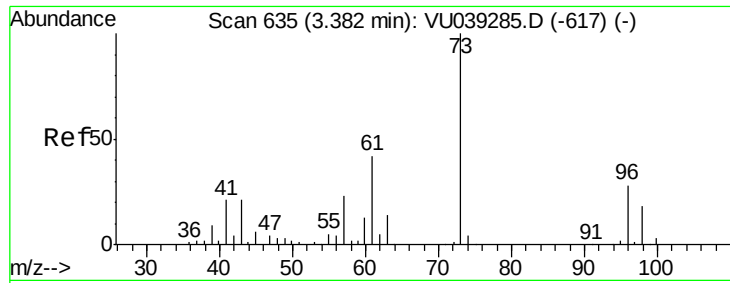
43 100

58 9.2 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU039301.D (-320) (-)





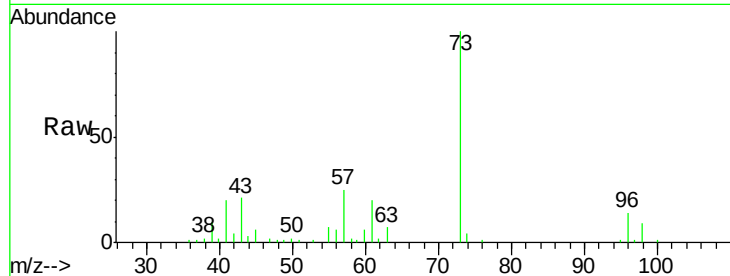
#17
Methyl tert-butyl Ether
Concen: 2.131 ug/L
RT: 3.38 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039301.D
Acq: 06 Jul 2020 19:05

Instrument :
MSVOA_U
ClientSampled :
H4282

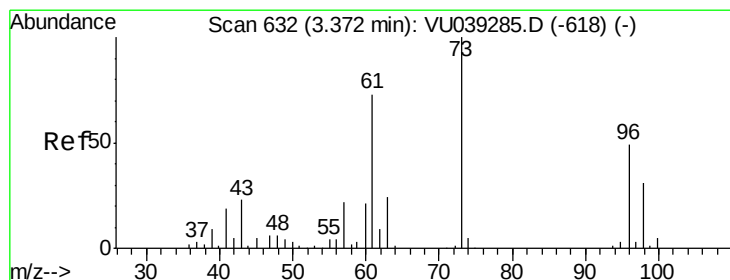
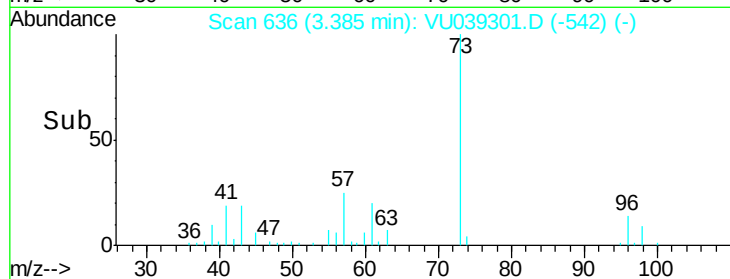
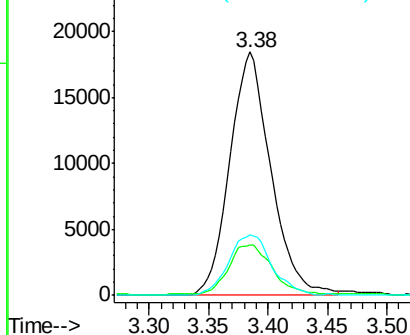
Tot Ion	Ratio	Lower	Upper
73	100		
43	21.3	17.5	26.3
57	25.9	18.6	27.8

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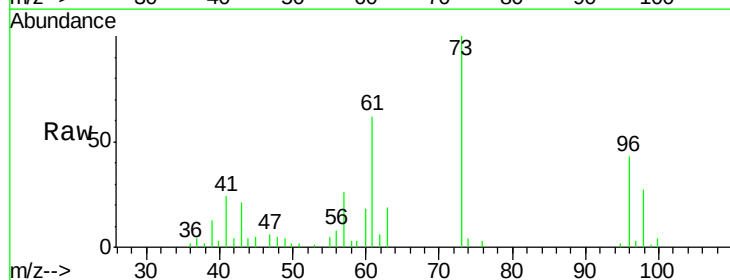


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

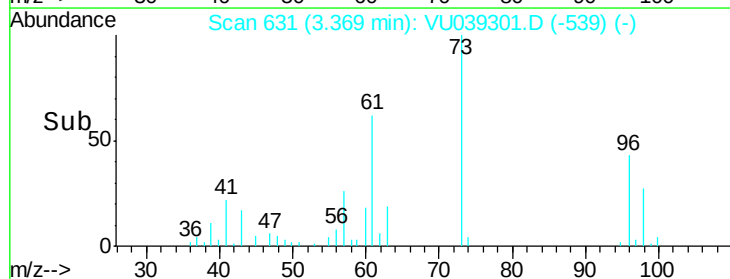
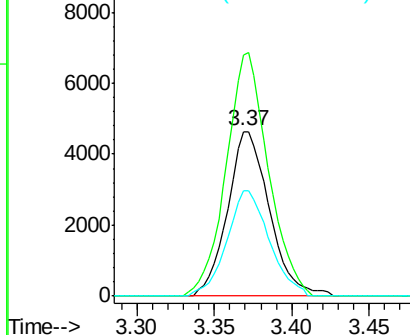


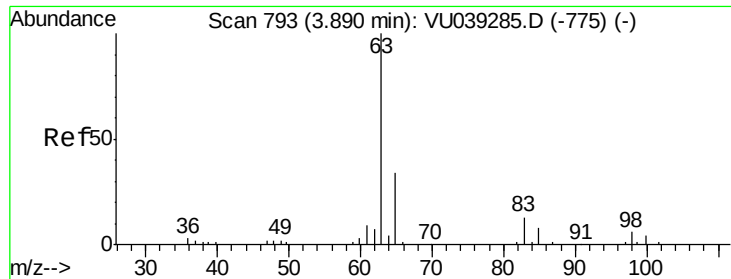
#18
trans-1,2-Dichloroethene
Concen: 1.270 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039301.D
Acq: 06 Jul 2020 19:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.5	104.7	194.5
98	64.1	43.1	80.1



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





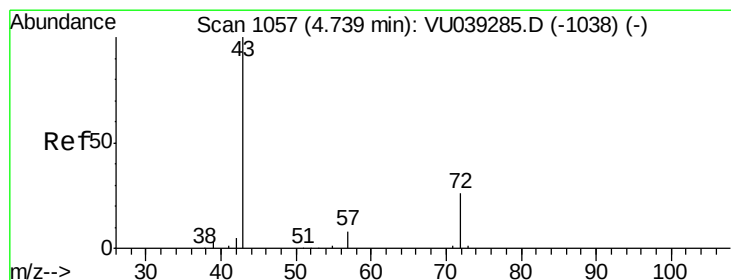
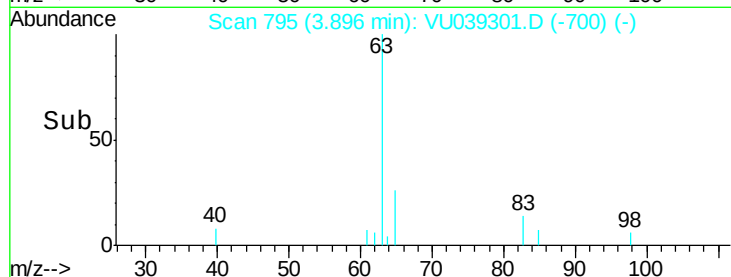
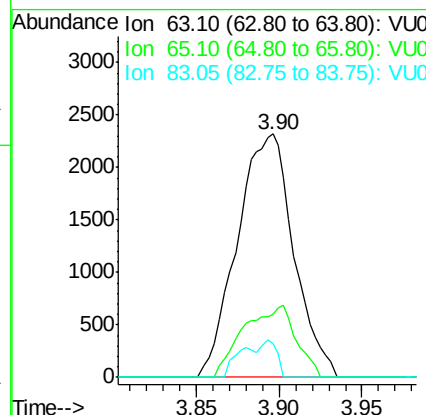
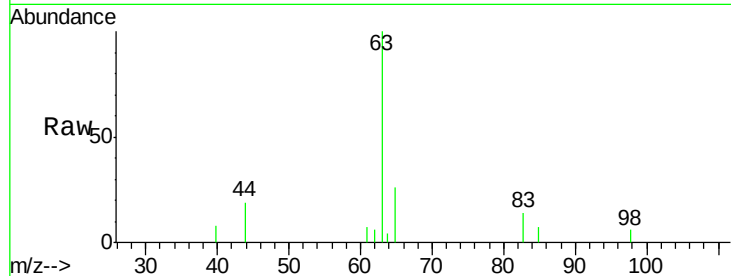
#19
 1,1-Dichloroethane
 Concen: 0.399 ug/L
 RT: 3.90 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: VU039301.D
 Acq: 06 Jul 2020 19:05

Instrument :
 MSVOA_U
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Tot Ion:	63	Resp:	5481
Ion	Ratio	Lower	Upper
63	100		
65	24.6	22.7	42.3
83	13.1	9.1	16.9

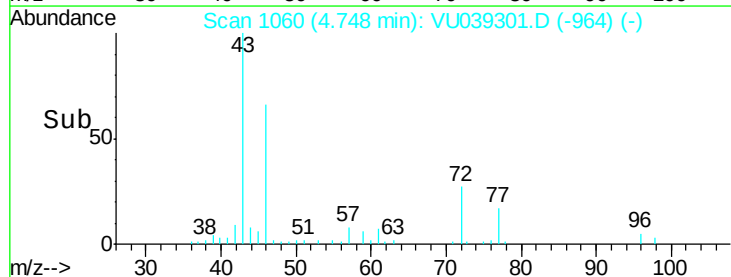
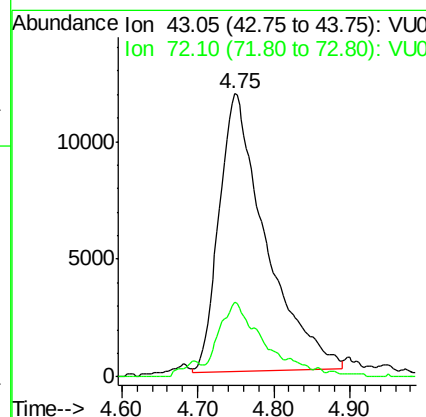
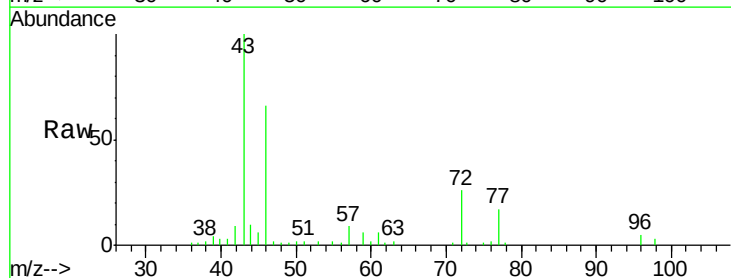
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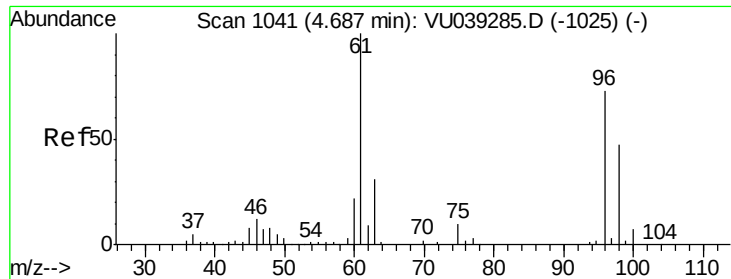
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#21
 2-Butanone
 Concen: 18.233 ug/L
 RT: 4.75 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: VU039301.D
 Acq: 06 Jul 2020 19:05

Tgt Ion:	43	Resp:	50687
Ion	Ratio	Lower	Upper
43	100		
72	18.5	12.8	38.3





#22

cis-1,2-Dichloroethene

Concen: 12.613 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU039301.D

Acq: 06 Jul 2020 19:05

Instrument :

MSVOA_U

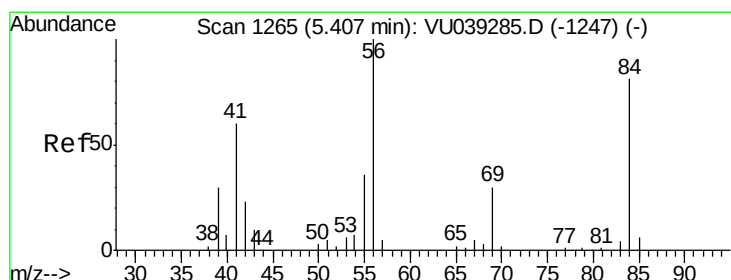
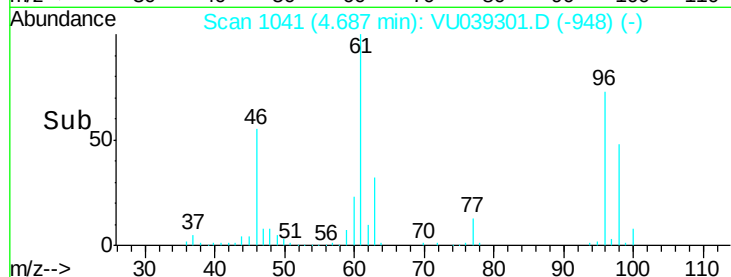
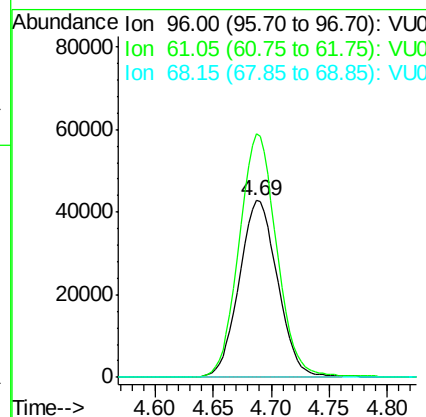
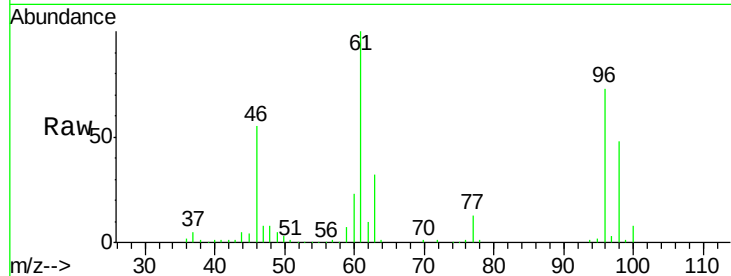
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Tot Ion:	96	Resp:	98574
Ion	Ratio	Lower	Upper
96	100		
61	137.8	93.7	173.9
68	0.0	0.0	0.0

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#30

Cyclohexane

Concen: 0.080 ug/L

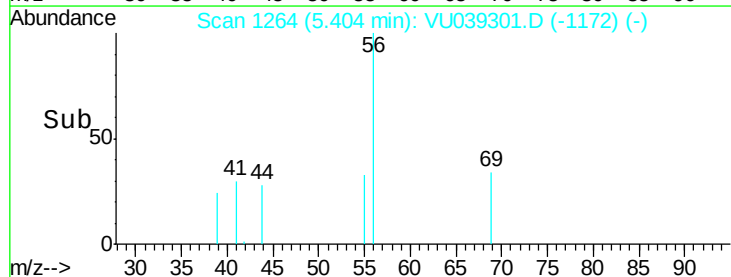
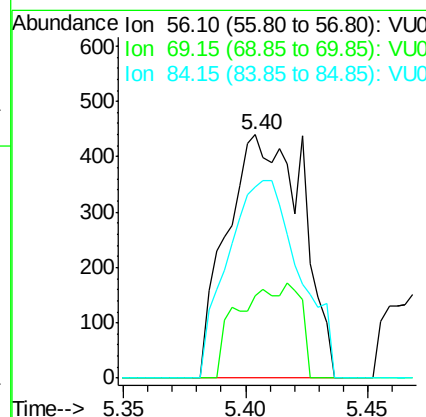
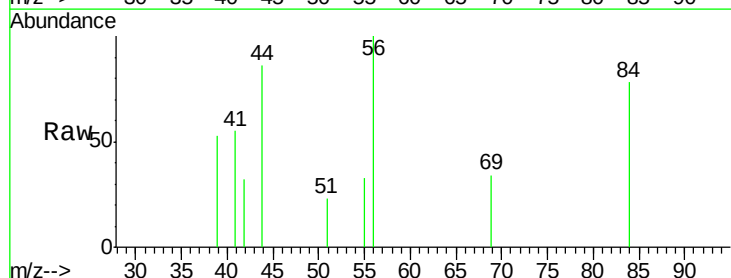
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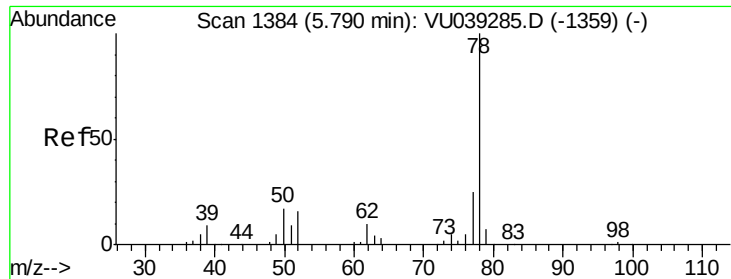
Delta R.T. -0.00 min

Lab File: VU039301.D

Acq: 06 Jul 2020 19:05

Tgt Ion:	56	Resp:	947
Ion	Ratio	Lower	Upper
56	100		
69	19.0	24.2	36.4#
84	76.6	67.0	100.4





#33

Benzene

Concen: 0.257 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. -0.00 min

Lab File: VU039301.D

Acq: 06 Jul 2020 19:05

Instrument :

MSVOA_U

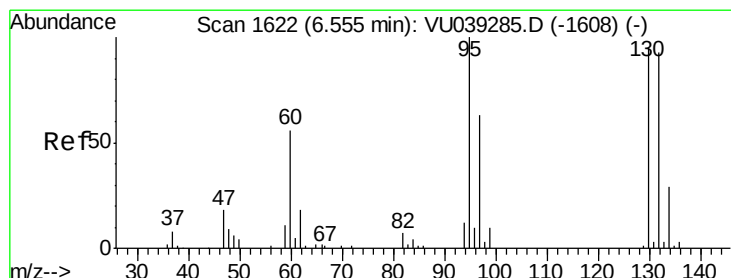
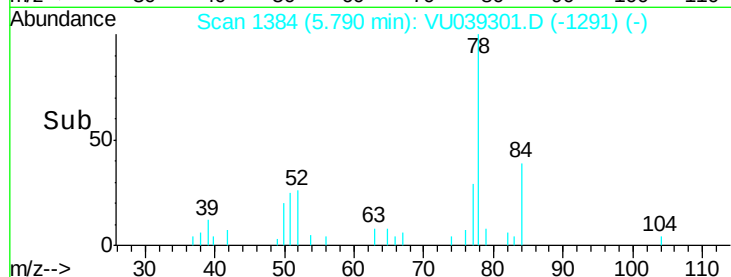
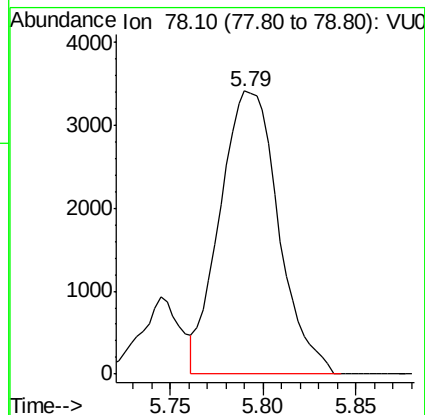
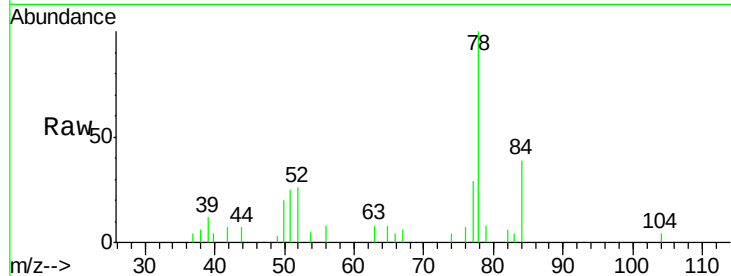
ClientSampleId :

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Tgt Ion: 78 Resp: 7479

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#34

Trichloroethene

Concen: 0.199 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.00 min

Lab File: VU039301.D

Acq: 06 Jul 2020 19:05

Tgt Ion: 95 Resp: 1493

Ion	Ratio	Lower	Upper
95	100		
97	58.8	47.0	87.2
132	100.5	65.0	120.8
130	73.7	69.8	129.6

95 100

97 58.8 47.0 87.2

132 100.5 65.0 120.8

130 73.7 69.8 129.6

