

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093020\
 Data File : VU040400.D
 Acq On : 30 Sep 2020 15:40
 Operator : SY/MD
 Sample : L4186-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 BG0F1

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 5:44:02 PM

Quant Time: Oct 01 03:54:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 03:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136975	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	139442	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62381	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29972	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.92	69	26310	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.58	63	45284	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	4.66	46	159174	47.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.50%
24) Chloroform-d	5.08	84	71206	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.72	65	42749	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.74	84	119748	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.70	67	44650	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.91	98	93673	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	8.19	79	16642	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.64	63	104822	42.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42442	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	44539	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	433679	32.755	ug/L	98
13) Acetone	2.66	43	2394	0.853	ug/L	72
14) Carbon disulfide	2.81	76	2581	0.078	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	5411	0.502	ug/L	94
19) 1,1-Dichloroethane	3.88	63	2224m	0.100	ug/L	
22) cis-1,2-Dichloroethene	4.69	96	62093	5.204	ug/L	98
33) Benzene	5.79	78	4305	0.092	ug/L	100
51) Chlorobenzene	9.45	112	1917	0.062	ug/L #	86
53) m,p-Xylene	9.69	106	2561	0.132	ug/L	82

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

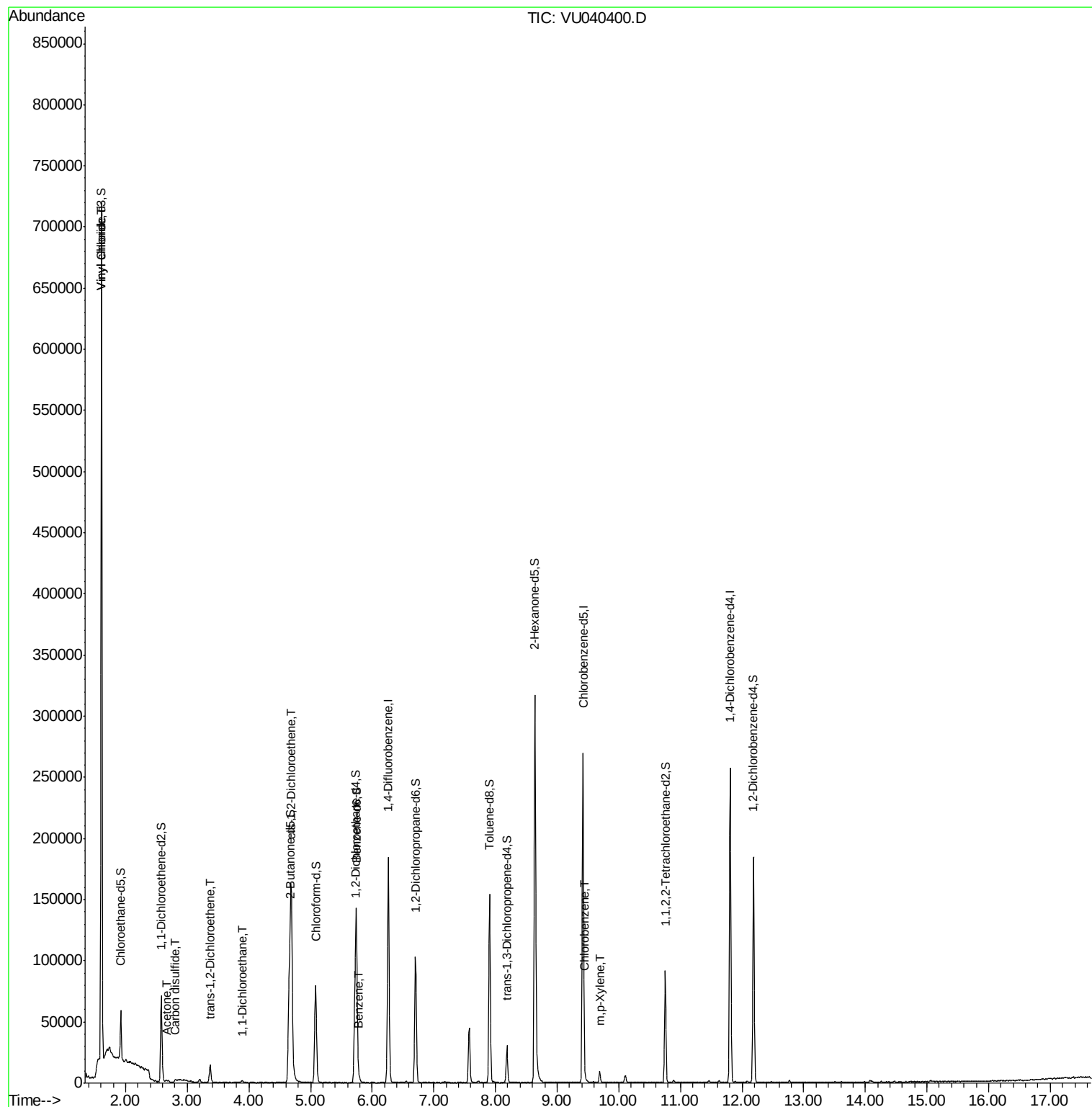
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093020\
Data File : VU040400.D
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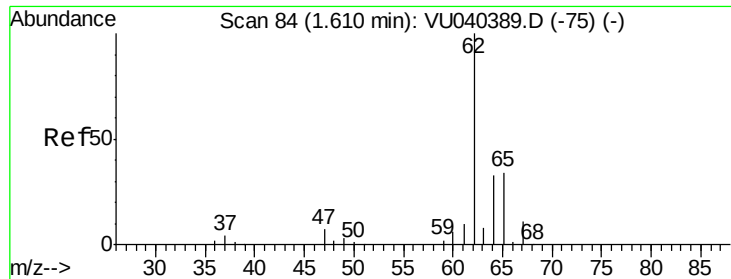
Instrument :
MSVOA_U
ClientSampleId :
BG0F1

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Quant Time: Oct 01 03:54:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 03:05:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 32.755 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040400.D

Acq: 30 Sep 2020 15:40

Instrument :

MSVOA_U

ClientSampled :

BG0F1

Tot Ion: 62 Resp: 433679

Ion Ratio Lower Upper

62 100

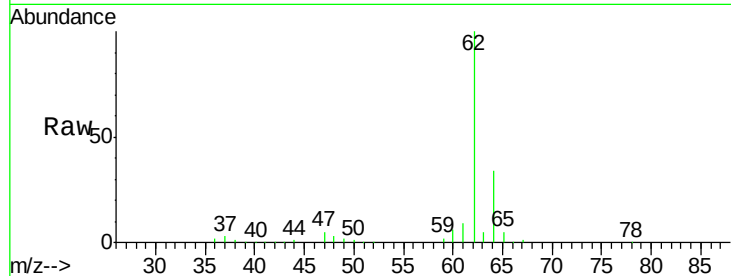
64 33.9 23.0 42.8

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

400000

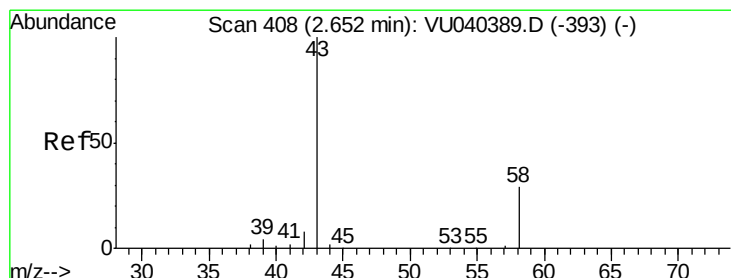
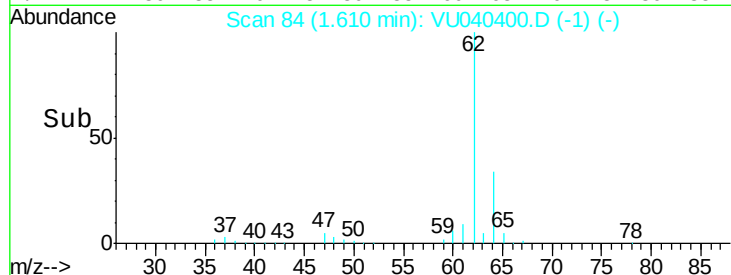
300000

200000

100000

0

Time-->



#13

Acetone

Concen: 0.853 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU040400.D

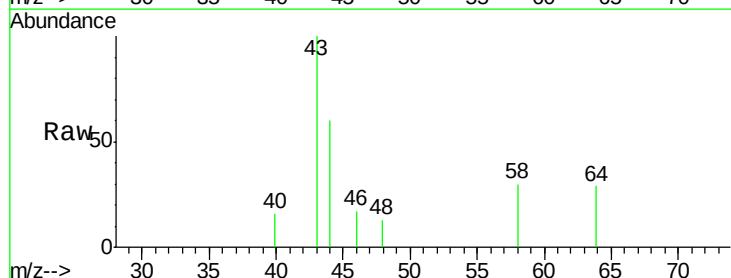
Acq: 30 Sep 2020 15:40

Tgt Ion: 43 Resp: 2394

Ion Ratio Lower Upper

43 100

58 15.3 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.66

1000

800

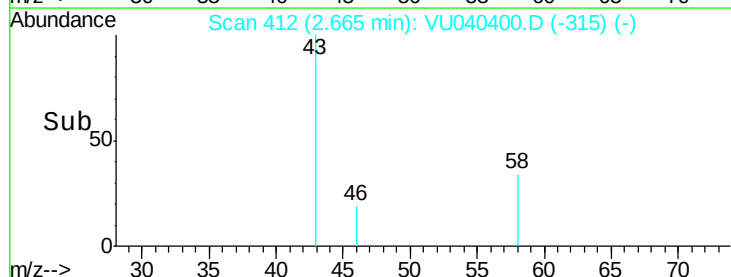
600

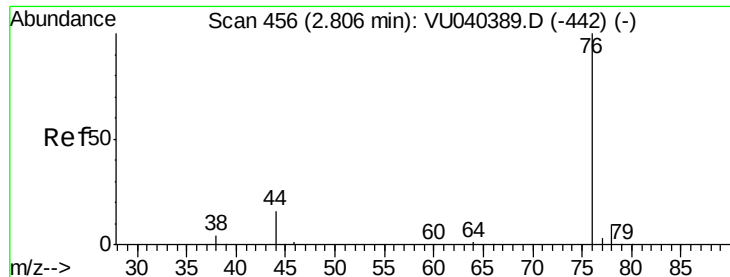
400

200

0

Time-->





#14

Carbon disulfide

Concen: 0.078 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040400.D

Acq: 30 Sep 2020 15:40

Instrument :

MSVOA_U

ClientSampled :

BG0F1

Tot Ion: 76 Resp: 2581

Ion Ratio Lower Upper

76 100

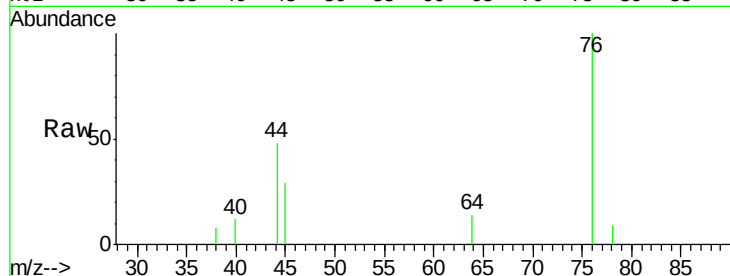
78 9.4 7.2 10.8

Manual Integrations

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Abundance Ion 76.05 (75.75 to 76.75): VU040400.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040400.D (-363) (-)

2.81

1500

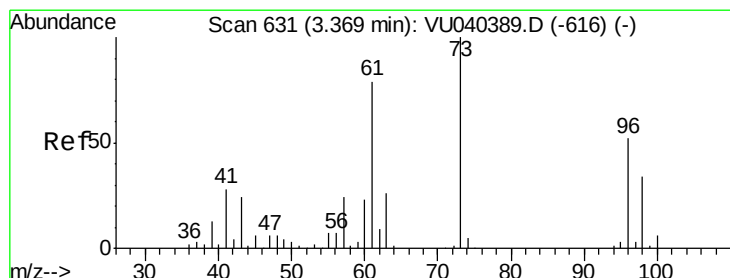
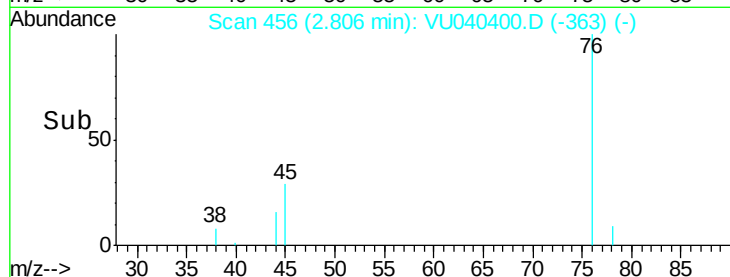
1000

500

0

2.75 2.80 2.85

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.502 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU040400.D

Acq: 30 Sep 2020 15:40

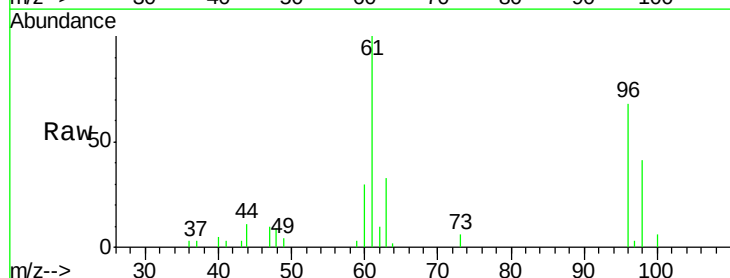
Tgt Ion: 96 Resp: 5411

Ion Ratio Lower Upper

96 100

61 147.9 109.3 203.1

98 61.2 45.8 85.0



Abundance Ion 96.00 (95.70 to 96.70): VU040400.D (-538) (-)

Ion 61.05 (60.75 to 61.75): VU040400.D (-538) (-)

Ion 97.95 (97.65 to 98.65): VU040400.D (-538) (-)

3.37

6000

5000

4000

3000

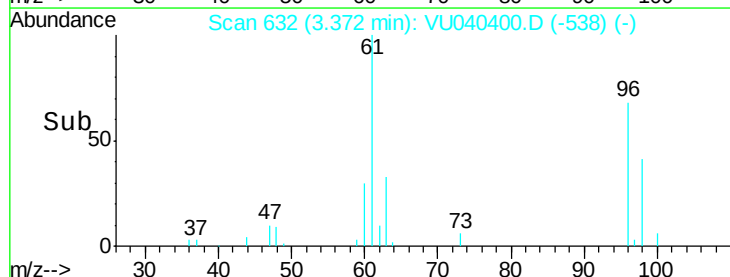
2000

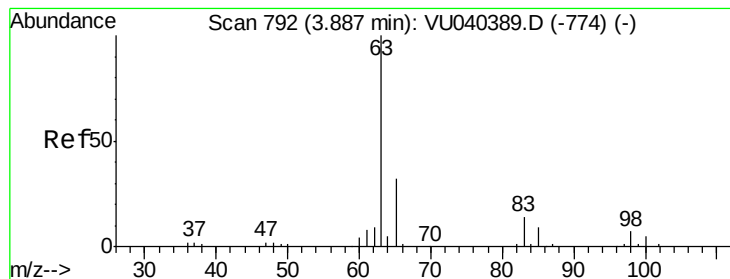
1000

0

3.30 3.35 3.40

Time-->





#19

1,1-Dichloroethane

Concen: 0.100 ug/L m

RT: 3.88 min Scan# 789

Delta R.T. -0.01 min

Lab File: VU040400.D

Acq: 30 Sep 2020 15:40

Instrument :

MSVOA_U

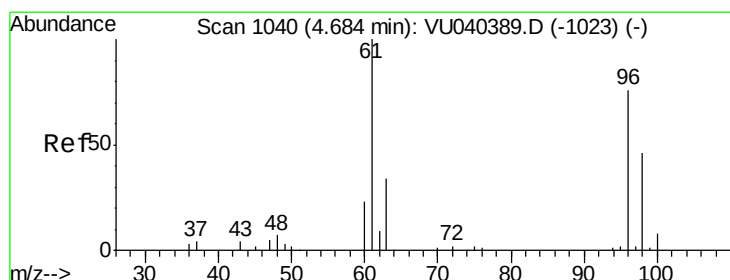
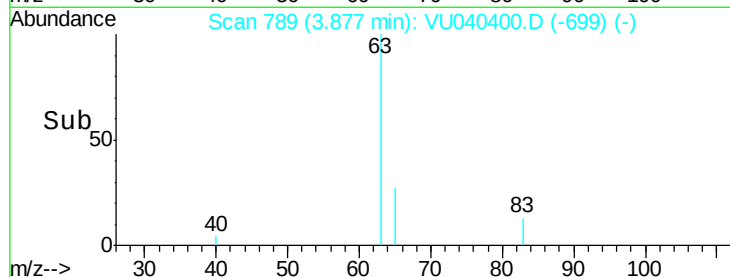
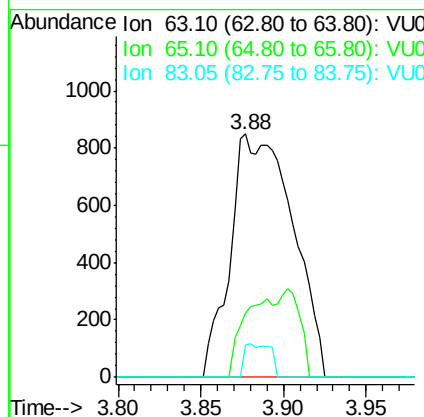
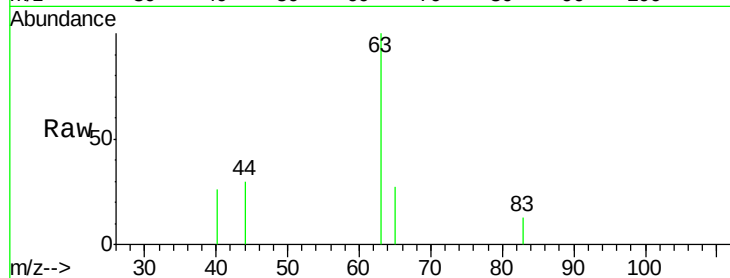
ClientSampled :

BG0F1

Tot Ion:	63	Resp:	2224
Ion	Ratio	Lower	Upper
63	100		
65	26.6	21.7	40.3
83	13.3	9.1	16.9

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#22

cis-1,2-Dichloroethene

Concen: 5.204 ug/L

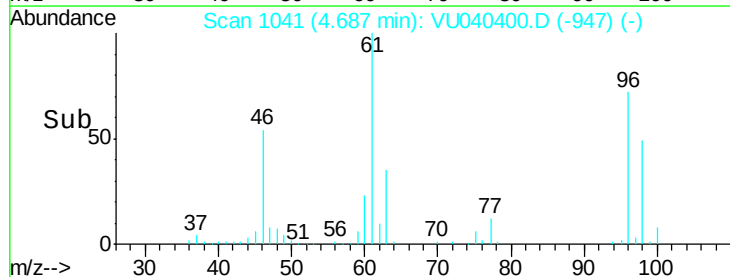
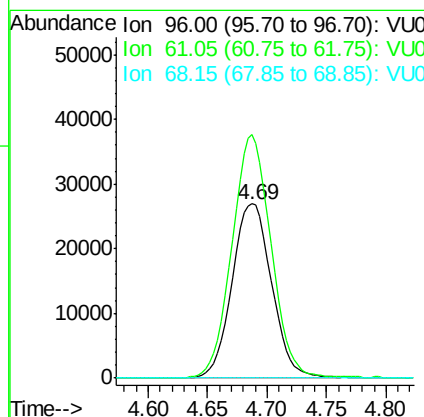
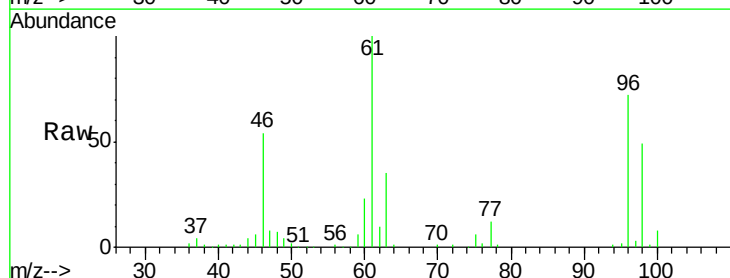
RT: 4.69 min Scan# 1041

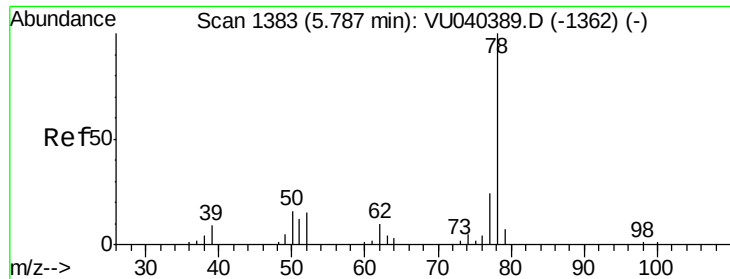
Delta R.T. 0.00 min

Lab File: VU040400.D

Acq: 30 Sep 2020 15:40

Tgt Ion:	96	Resp:	62093
Ion	Ratio	Lower	Upper
96	100		
61	139.8	99.3	184.5
68	0.0	0.0	0.0





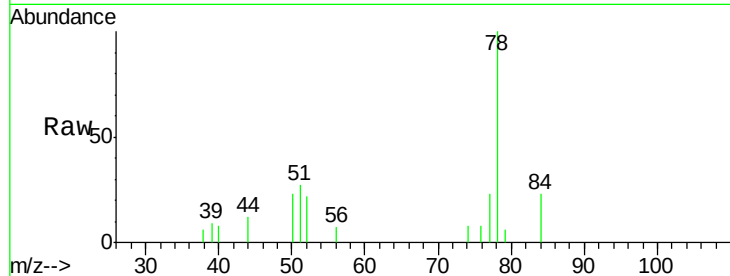
#33
Benzene
Concen: 0.092 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.01 min
Lab File: VU040400.D
Acq: 30 Sep 2020 15:40

Instrument :
MSVOA_U
ClientSampleId :
BG0F1

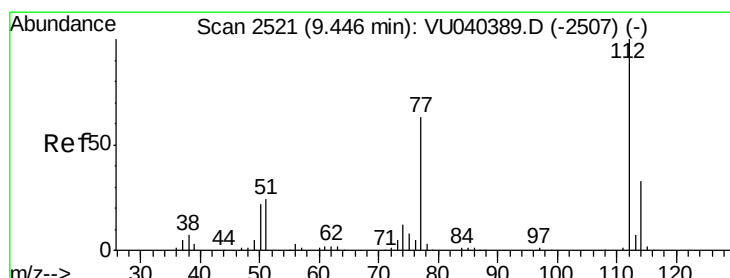
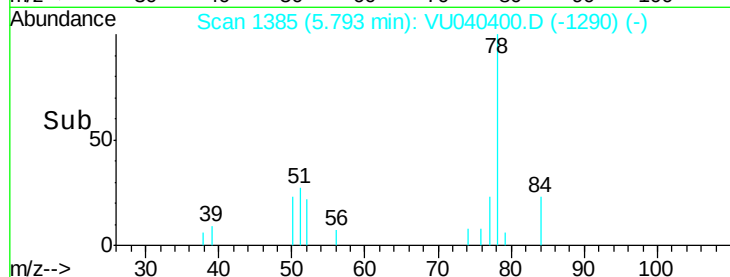
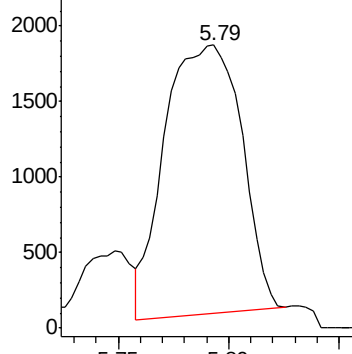
Tgt Ion: 78 Resp: 4305

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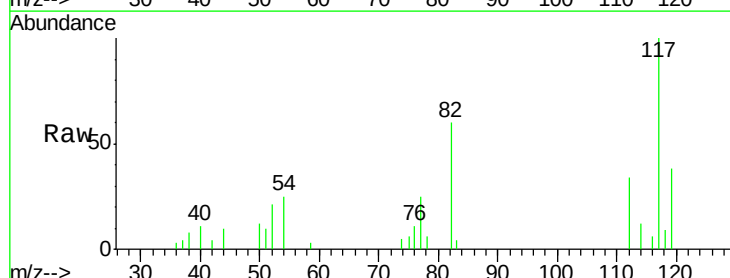


Abundance Ion 78.10 (77.80 to 78.80): VU0



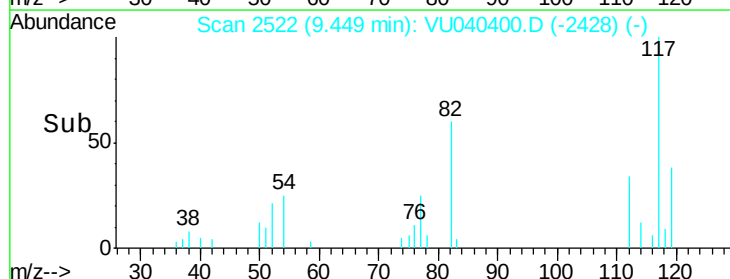
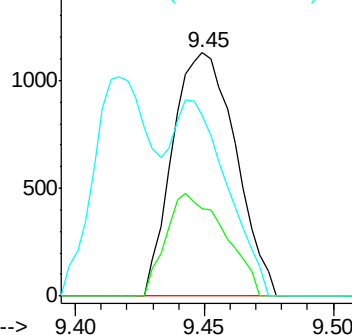
#51
Chlorobenzene
Concen: 0.062 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040400.D
Acq: 30 Sep 2020 15:40

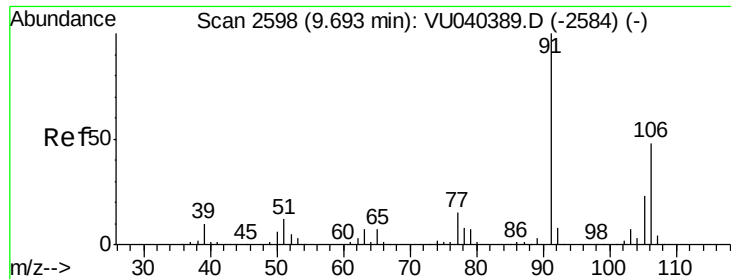
Tgt Ion: 112 Resp: 1917
Ion Ratio Lower Upper
112 100
114 36.0 22.0 40.8
77 74.3 49.5 74.3#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VU0





#53
 m,p-Xylene
 Concen: 0.132 ug/L
 RT: 9.69 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: VU040400.D
 Acq: 30 Sep 2020 15:40

Instrument :
 MSVOA_U
 ClientSampled :
 BG0F1

Tot Ion	Ratio	Lower	Upper
106	100		
91	184.5	149.0	276.6

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