

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040290.D
 Acq On : 25 Sep 2020 11:22
 Operator : SY/MD
 Sample : L4147-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS6A6

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 10:47:14 AM

Quant Time: Sep 26 05:51:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 04:43:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	138162	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60937	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34729	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.92	69	33199	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.58	63	57207	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.66	46	165118	54.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.44%
24) Chloroform-d	5.08	84	74094	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.72	65	48149	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.74	84	144415	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.70	67	49865	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.90	98	119569	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.18	79	18279	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.64	63	122101	54.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42850	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	45957	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	11304	0.861	ug/L	96
13) Acetone	2.68	43	8385m	3.002	ug/L	
18) trans-1,2-Dichloroethene	3.36	96	1043	0.091	ug/L	90
22) cis-1,2-Dichloroethene	4.68	96	60242	4.871	ug/L	98
25) Chloroform	5.10	83	4535	0.187	ug/L	89
34) Trichloroethene	6.55	95	48203	3.736	ug/L	97
47) Tetrachloroethene	8.56	164	4820726	568.782	ug/L	94

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

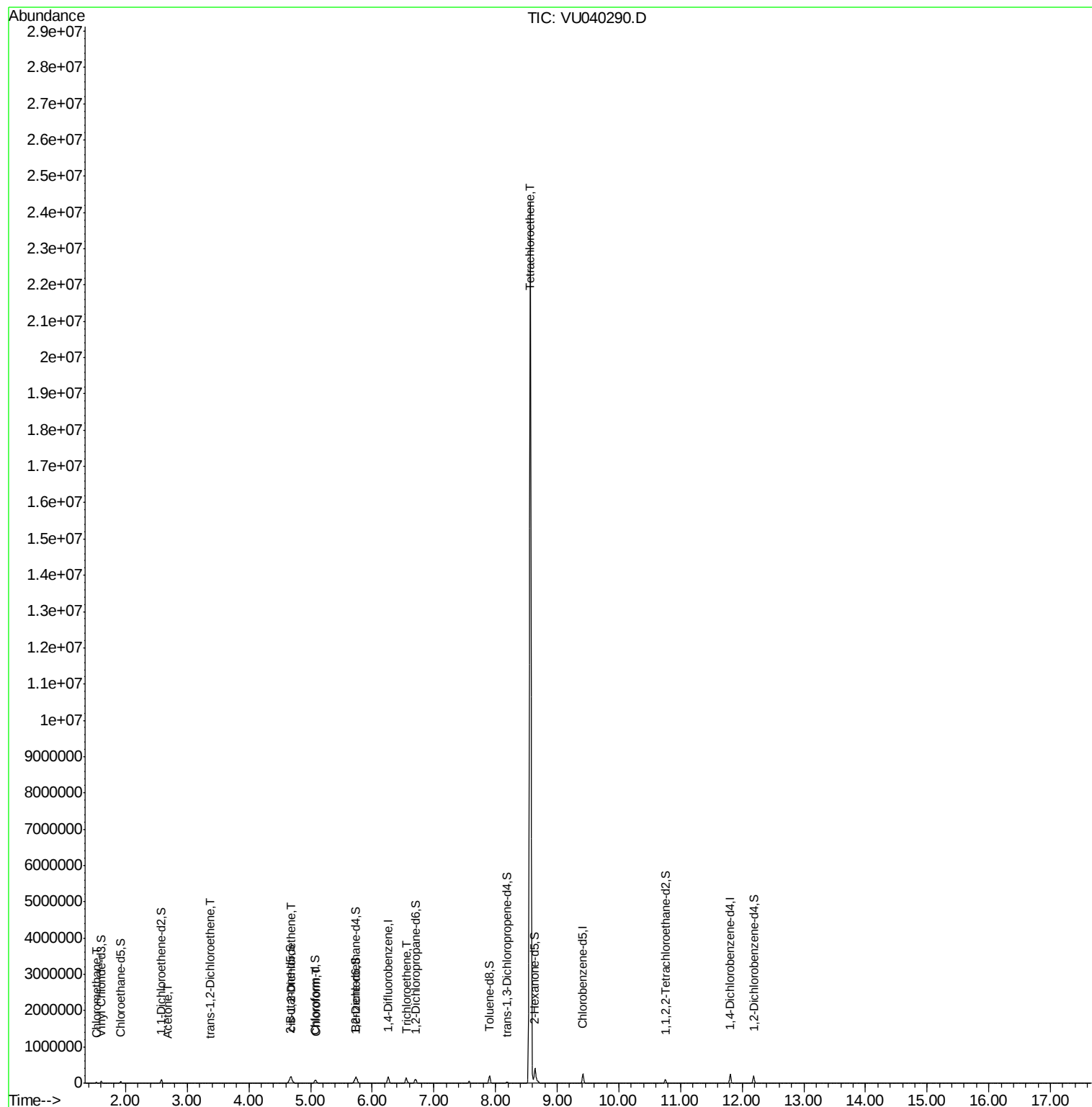
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092620\
Data File : VU040290.D
Acq On : 25 Sep 2020 11:22
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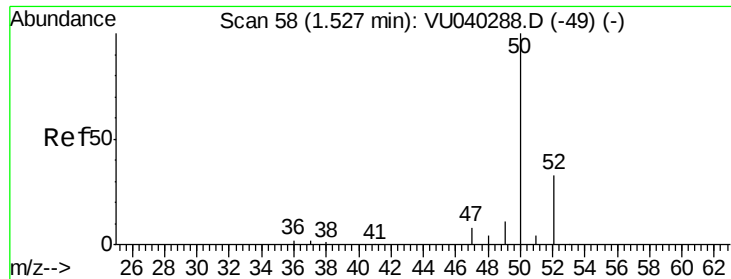
Instrument :
MSVOA_U
ClientSampleId :
BFS A6

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Quant Time: Sep 26 05:51:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 04:43:23 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.861 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040290.D

Acq: 25 Sep 2020 11:22

Instrument :

MSVOA_U

ClientSampled :

BFSA6

Tot Ion: 50 Resp: 11304

Ion Ratio Lower Upper

50 100

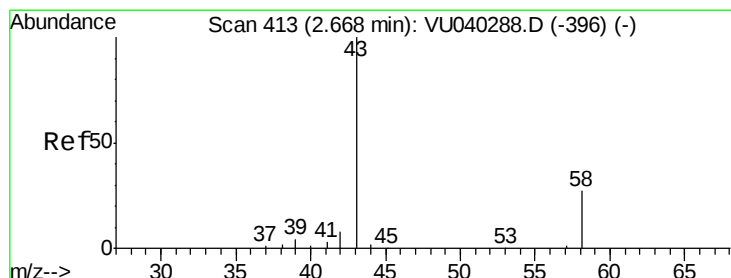
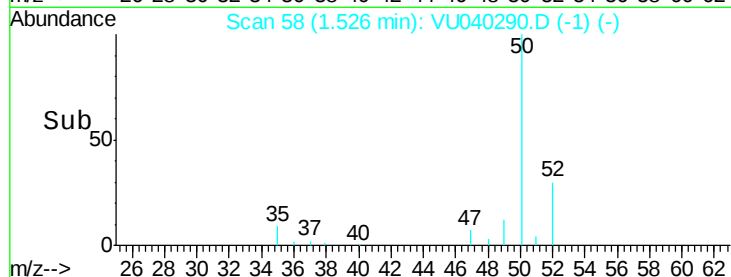
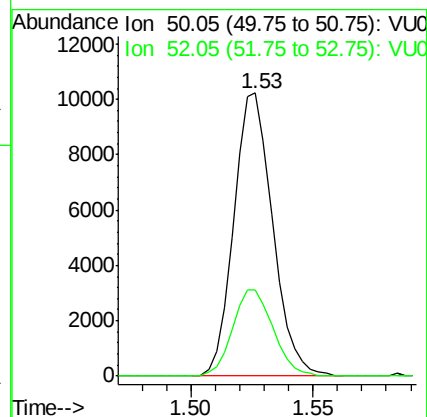
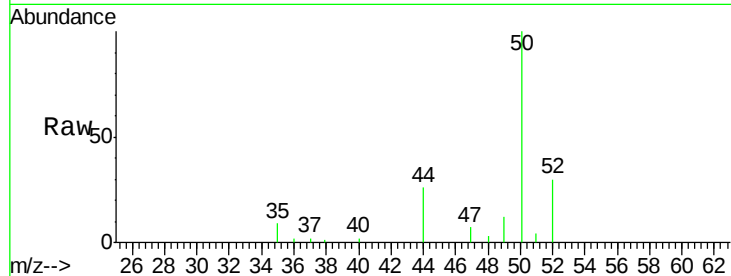
52 30.3 22.8 42.4

Manual Integrations

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#13

Acetone

Concen: 3.002 ug/L m

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU040290.D

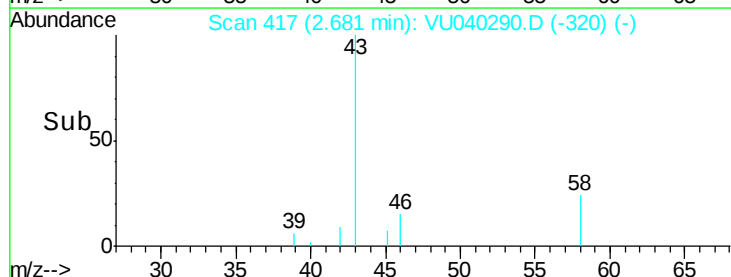
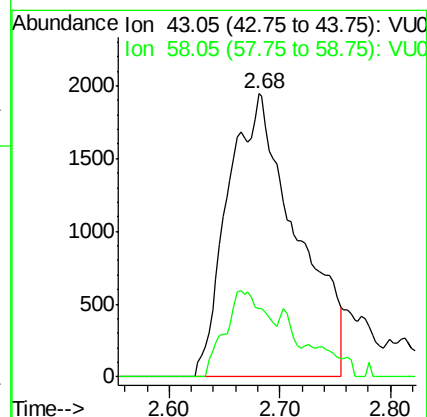
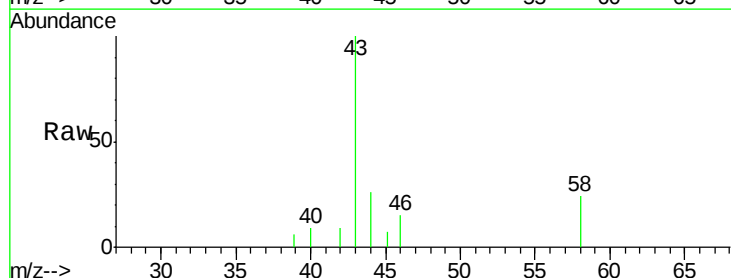
Acq: 25 Sep 2020 11:22

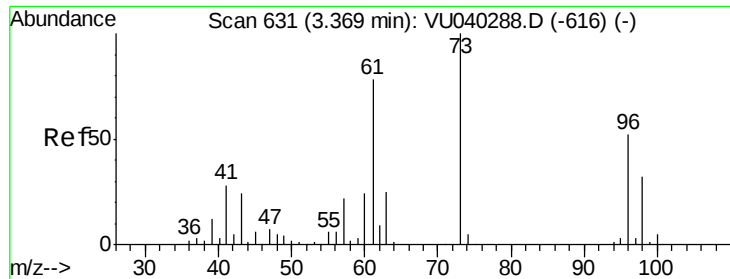
Tgt Ion: 43 Resp: 8385

Ion Ratio Lower Upper

43 100

58 2.6 0.0 55.4





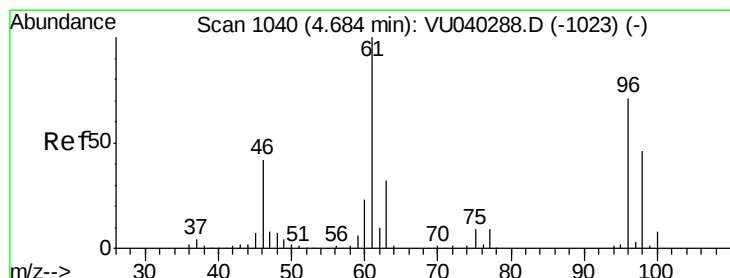
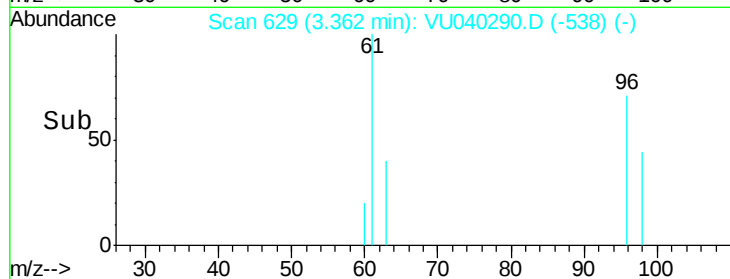
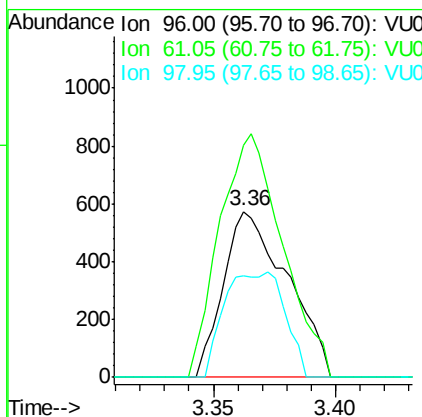
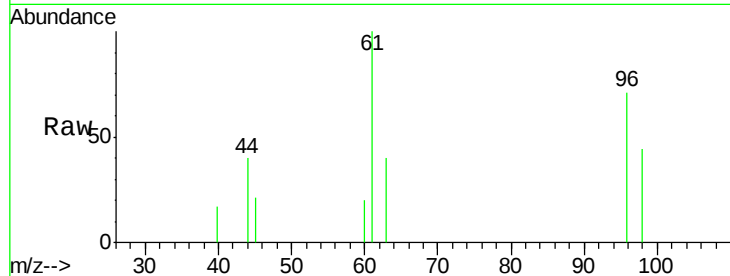
#18
trans-1,2-Dichloroethene
Concen: 0.091 ug/L
RT: 3.36 min Scan# 629
Delta R.T. -0.01 min
Lab File: VU040290.D
Acq: 25 Sep 2020 11:22

Instrument :
MSVOA_U
ClientSampled :
BFS A6

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.2	110.5	205.3
98	61.5	43.2	80.2

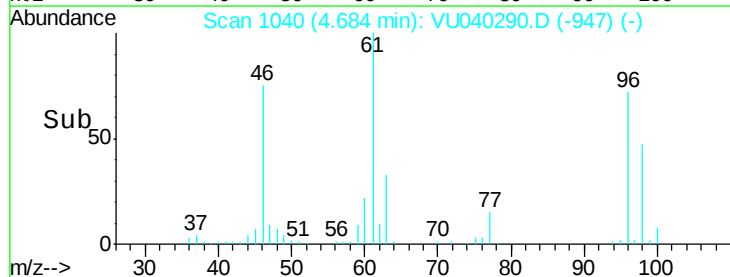
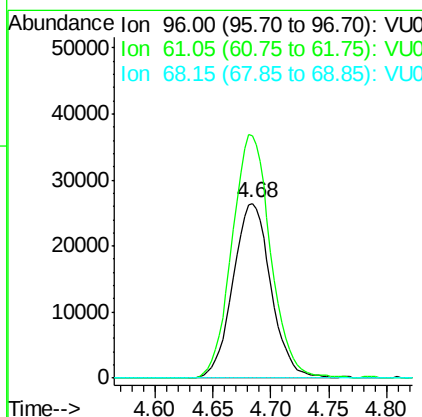
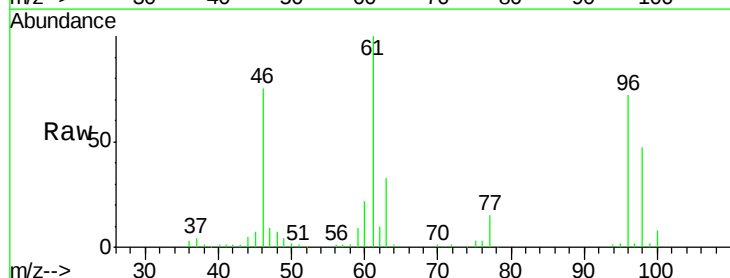
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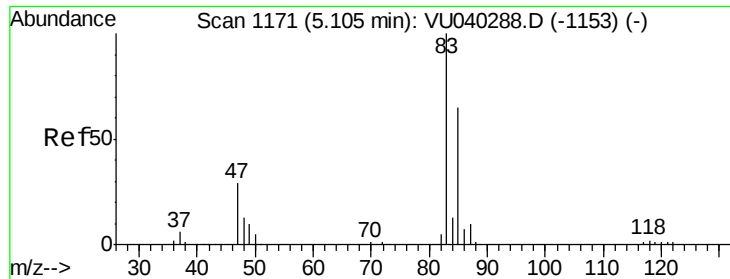
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#22
cis-1,2-Dichloroethene
Concen: 4.871 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU040290.D
Acq: 25 Sep 2020 11:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.6	98.8	183.4
68	0.0	0.0	0.0





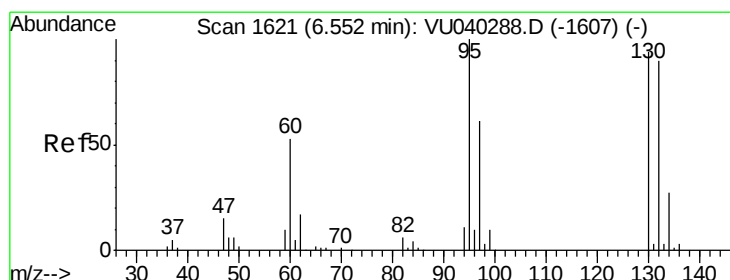
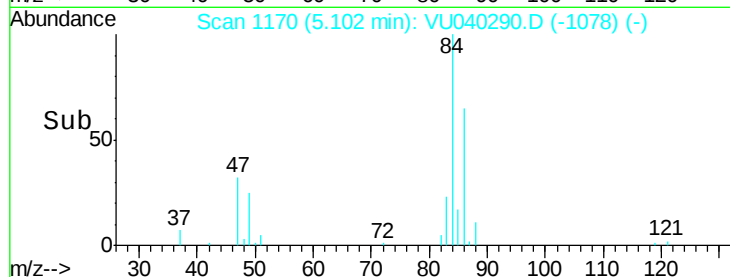
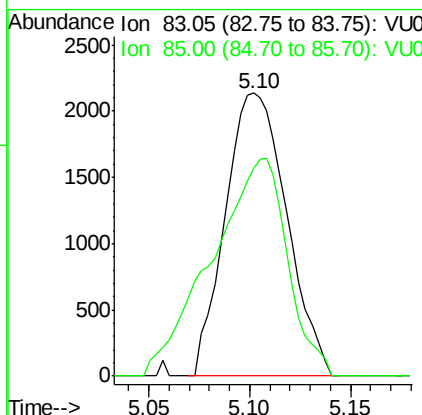
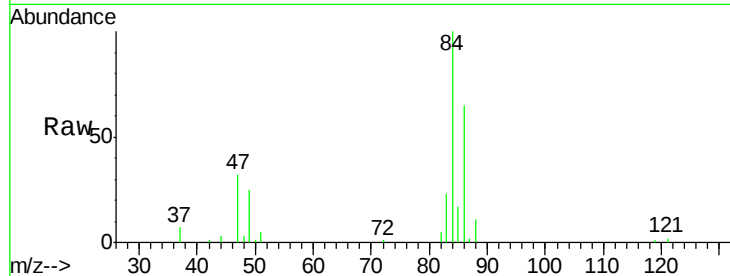
#25
Chloroform
Concen: 0.187 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040290.D
Acq: 25 Sep 2020 11:22

Instrument :
MSVOA_U
ClientSampled :
BFS6

Tot Ion: 83 Resp: 4535
Ion Ratio Lower Upper
83 100
85 73.4 45.3 84.1

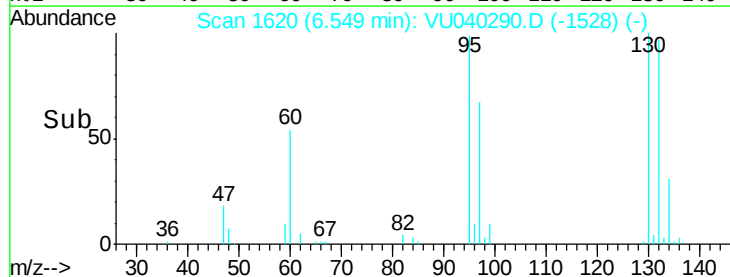
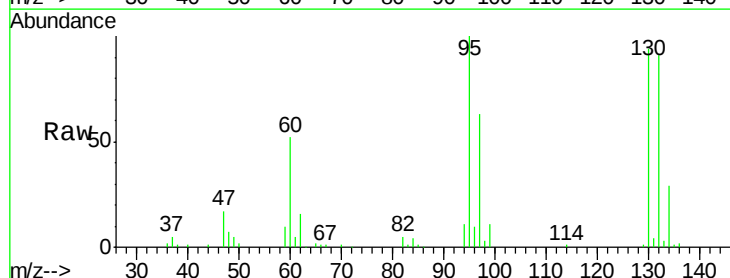
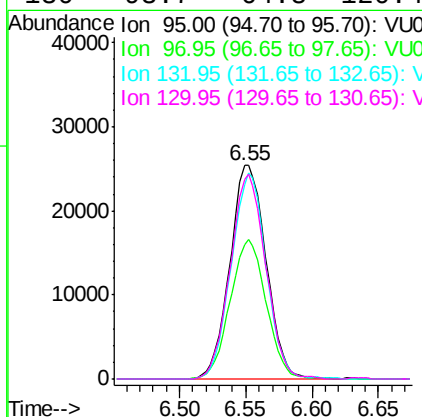
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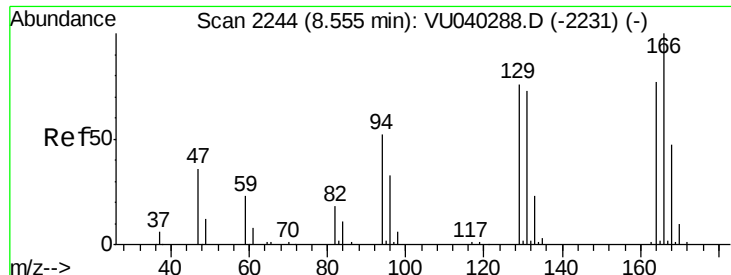
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#34
Trichloroethene
Concen: 3.736 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VU040290.D
Acq: 25 Sep 2020 11:22

Tgt Ion: 95 Resp: 48203
Ion Ratio Lower Upper
95 100
97 63.1 43.3 80.5
132 91.0 59.4 110.4
130 93.7 64.8 120.4





#47

Tetrachloroethene

Concen: 568.782 ug/L

RT: 8.56 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VU040290.D

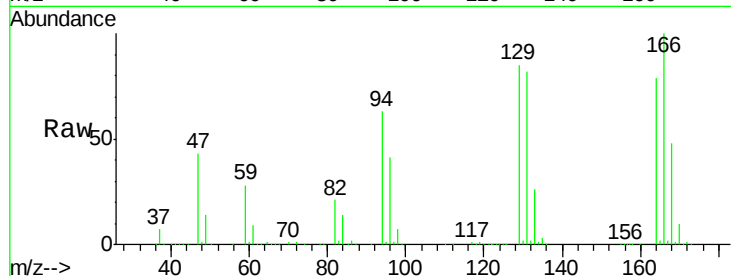
Acq: 25 Sep 2020 11:22

Instrument :

MSVOA_U

ClientSampleId :

BFSA6



Tot Ion:164 Resp: 4820726

Ion Ratio Lower Upper

164 100

129 108.6 71.5 132.7

131 104.4 65.9 122.5

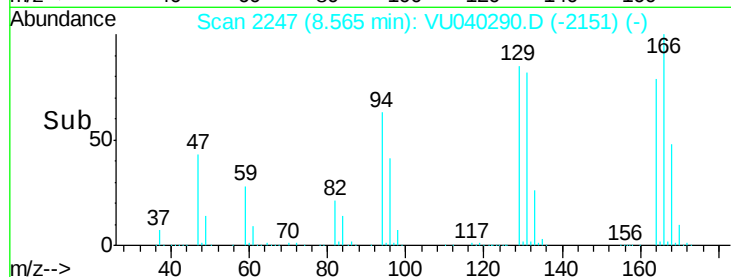
166 127.3 87.3 162.1

Manual Integrations

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Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

