

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037097.D
 Acq On : 05 Mar 2020 20:43
 Operator : JC/MD
 Sample : L1784-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 C0B02

Manual Integrations
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Quant Time: Mar 06 02:28:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	252025	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	240630	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89401	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	72946	34.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.94%
7) Chloroethane-d5	1.93	69	76194	43.51	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.02%
11) 1,1-Dichloroethene-d2	2.59	63	111795	31.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.08%
21) 2-Butanone-d5	4.67	46	148262	104.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.43%
24) Chloroform-d	5.11	84	153188	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.74	65	106857	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
32) Benzene-d6	5.76	84	326628	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
36) 1,2-Dichloropropane-d6	6.73	67	102755	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.16%
41) Toluene-d8	7.92	98	282152	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	8.20	79	46283	44.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.36%
47) 2-Hexanone-d5	8.66	63	104869	95.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	155113	48.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	86691	49.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	80375	49.940	ug/L	100
12) 1,1-Dichloroethene	2.60	96	11244	6.907	ug/L	# 1
13) Acetone	2.66	43	3303	2.262	ug/L	95
20) cis-1,2-Dichloroethene	4.71	96	24095	12.323	ug/L	96
25) Chloroform	5.13	83	8435	2.573	ug/L	96
30) 1,1,1-Trichloroethane	5.36	97	313343	121.454	ug/L	98
31) Carbon tetrachloride	5.56	117	7674	3.795	ug/L	97
34) Trichloroethene	6.58	95	29118957m	15584.843	ug/L	
45) 1,1,2-Trichloroethane	8.43	97	13044	7.166	ug/L	98
46) Tetrachloroethene	8.57	164	2924	2.376	ug/L	95
63) 1,4-Dichlorobenzene	11.85	146	2763	0.964	ug/L	93

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

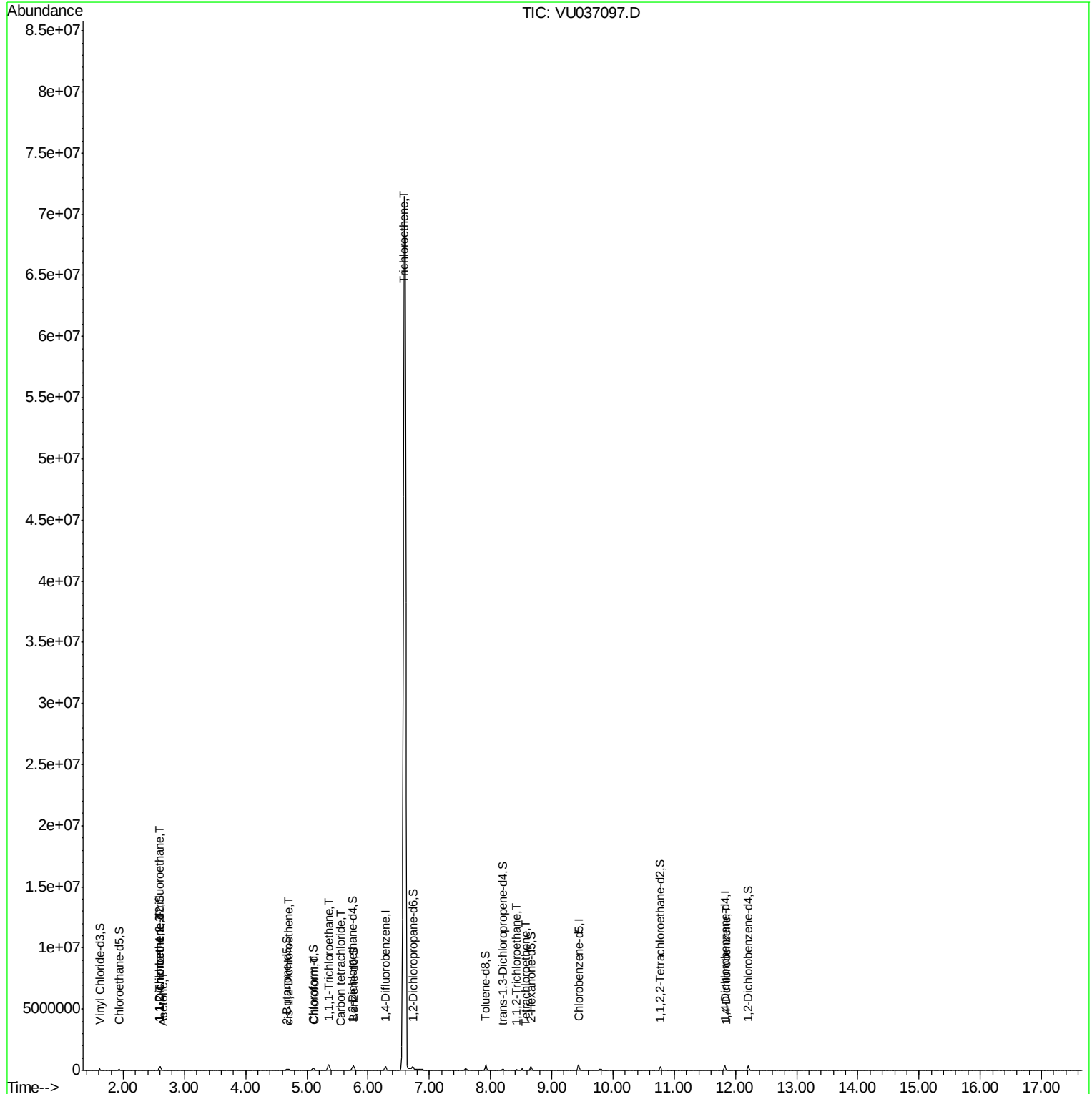
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
Data File : VU037097.D
Acq On : 05 Mar 2020 20:43
Operator : JC/MD
Sample : L1784-14
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 29 Sample Multiplier: 1

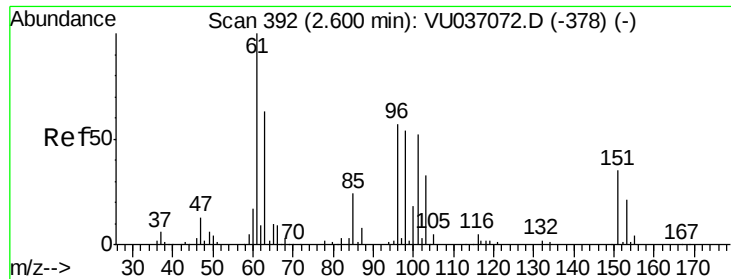
Instrument :
MSVOA_U
ClientSampleId :
C0B02

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Quant Time: Mar 06 02:28:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 22:35:59 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 49.940 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037097.D

Acq: 05 Mar 2020 20:43

Instrument :

MSVOA_U

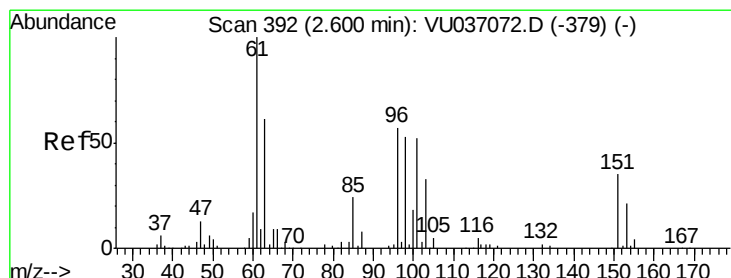
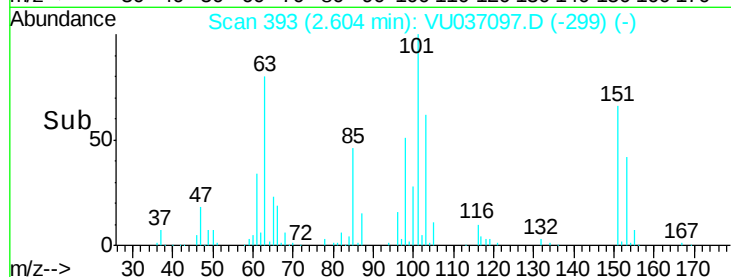
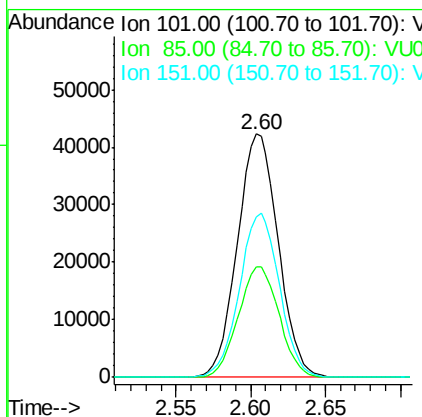
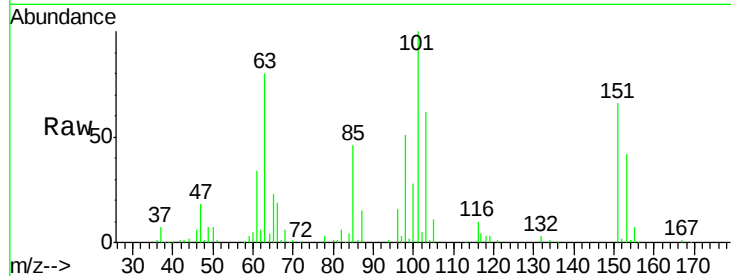
ClientSampled :

C0B02

Tot Ion:	101	Resp:	80375
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.4	54.6
151	66.0	52.4	78.6

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#12

1,1-Dichloroethene

Concen: 6.907 ug/L

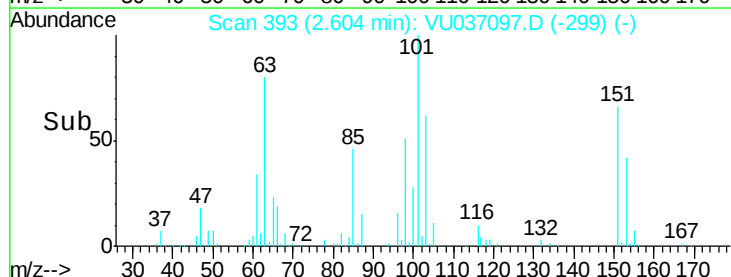
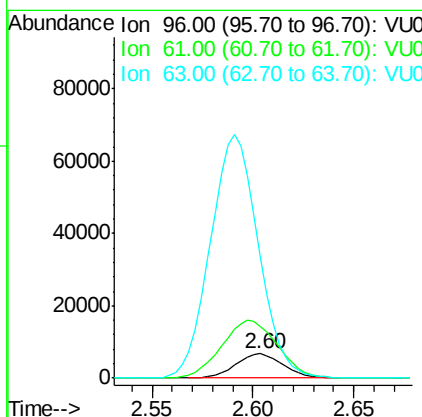
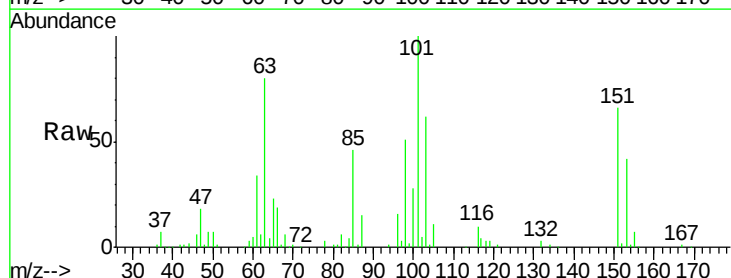
RT: 2.60 min Scan# 393

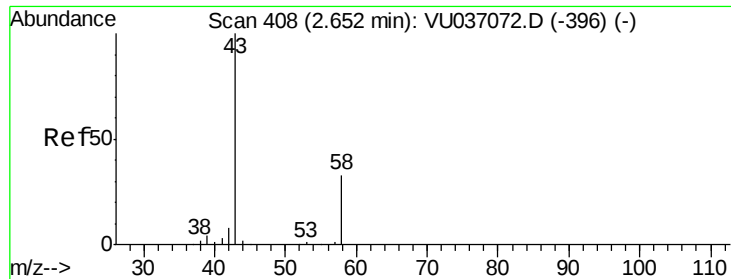
Delta R.T. 0.00 min

Lab File: VU037097.D

Acq: 05 Mar 2020 20:43

Tgt Ion:	96	Resp:	11244
Ion Ratio	Lower	Upper	
96	100		
61	214.2	127.5	236.7
63	503.3	101.4	188.2#





#13

Acetone

Concen: 2.262 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037097.D

Acq: 05 Mar 2020 20:43

Instrument :

MSVOA_U

ClientSampled :

C0B02

Tot Ion: 43 Resp: 3303

Ion Ratio Lower Upper

43 100

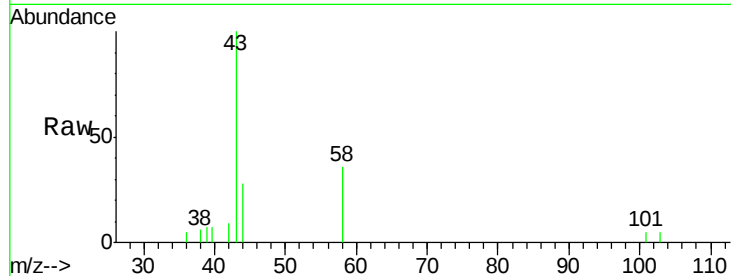
58 34.9 0.0 64.6

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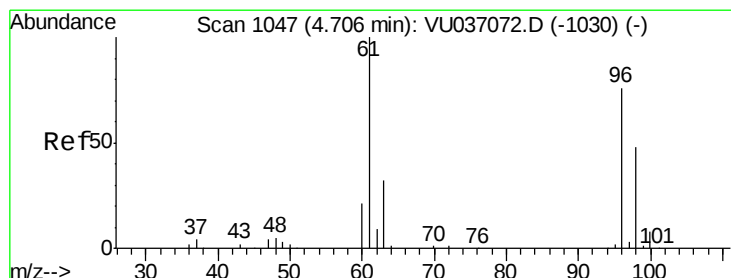
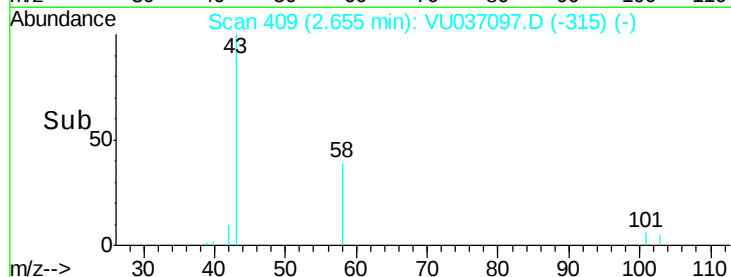
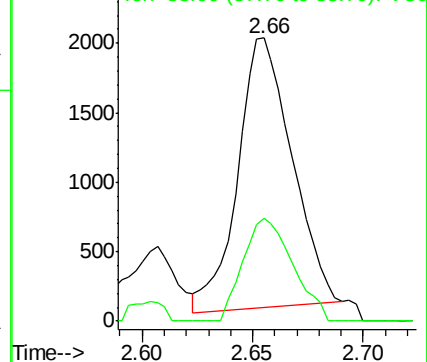
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Abundance Ion 43.00 (42.70 to 43.70): VU037097.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU037097.D (-315) (-)



#20

cis-1,2-Dichloroethene

Concen: 12.323 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037097.D

Acq: 05 Mar 2020 20:43

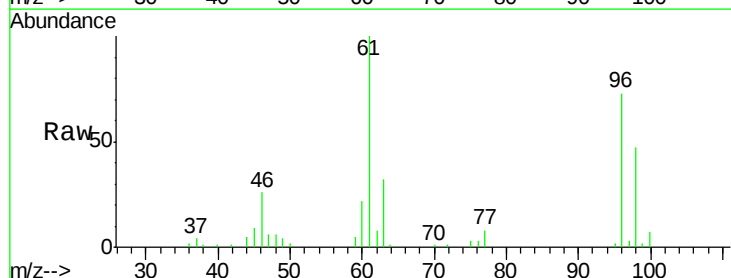
Tgt Ion: 96 Resp: 24095

Ion Ratio Lower Upper

96 100

61 137.2 93.1 172.9

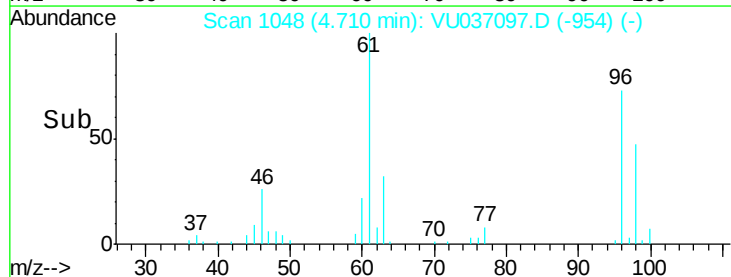
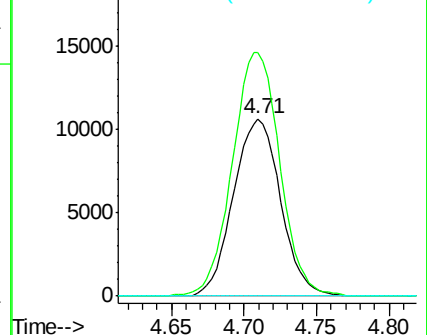
68 0.0 0.0 0.0

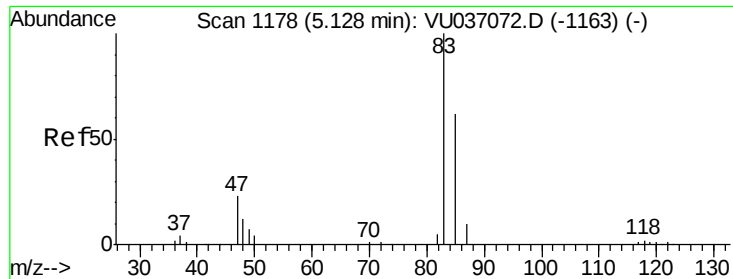


Abundance Ion 96.00 (95.70 to 96.70): VU037097.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU037097.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU037097.D (-954) (-)





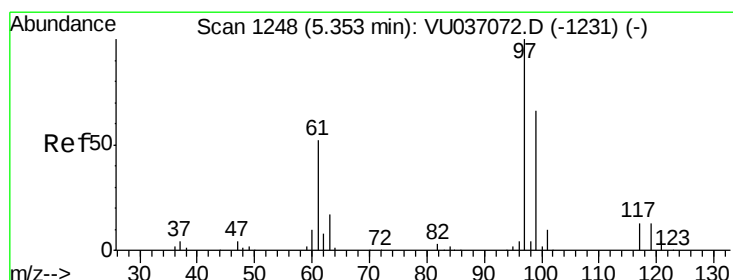
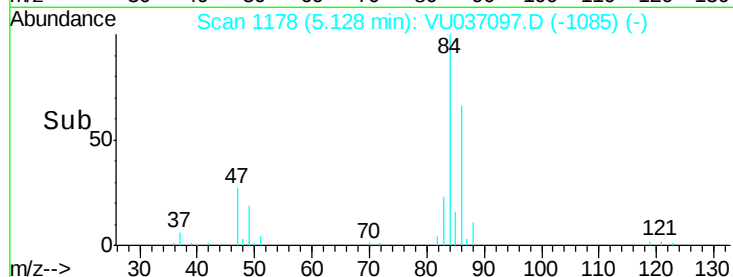
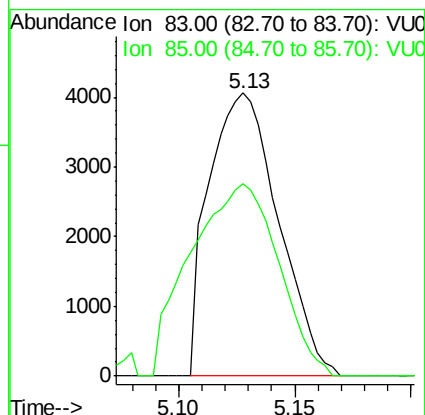
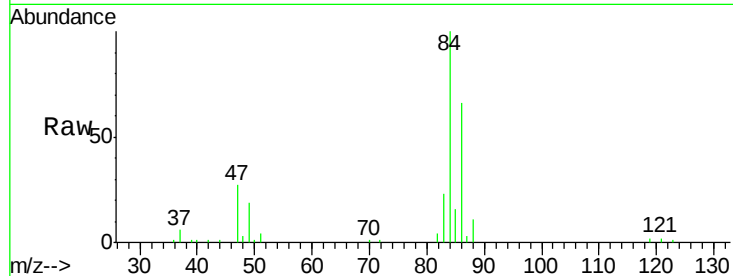
#25
Chloroform
Concen: 2.573 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037097.D
Acq: 05 Mar 2020 20:43

Instrument :
MSVOA_U
ClientSampleId :
C0B02

Tot Ion	83	Resp	8435
Ion Ratio	100	Lower	Upper
85	68.0	45.1	83.9

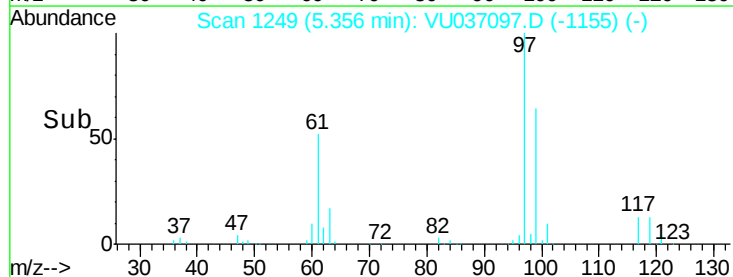
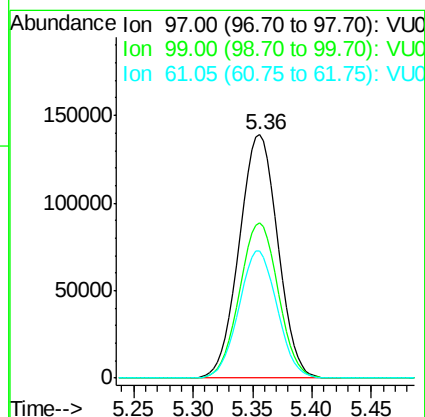
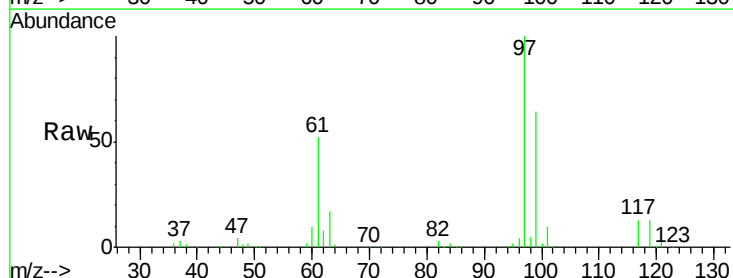
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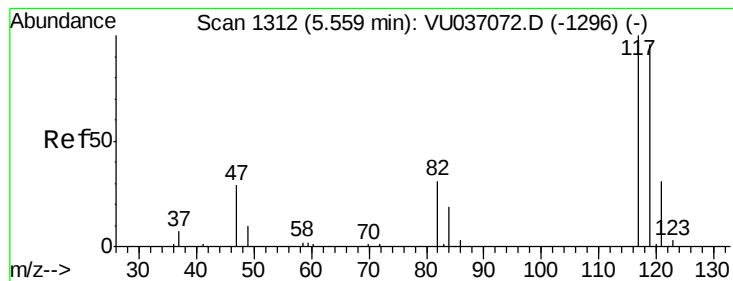
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#30
1,1,1-Trichloroethane
Concen: 121.454 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU037097.D
Acq: 05 Mar 2020 20:43

Tgt Ion	97	Resp	313343
Ion Ratio	100	Lower	Upper
99	64.1	50.4	75.6
61	51.9	40.3	60.5





#31

Carbon tetrachloride

Concen: 3.795 ug/L

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU037097.D

Acq: 05 Mar 2020 20:43

Instrument :

MSVOA_U

ClientSampleId :

C0B02

Tot Ion:117 Resp: 7674

Ion Ratio Lower Upper

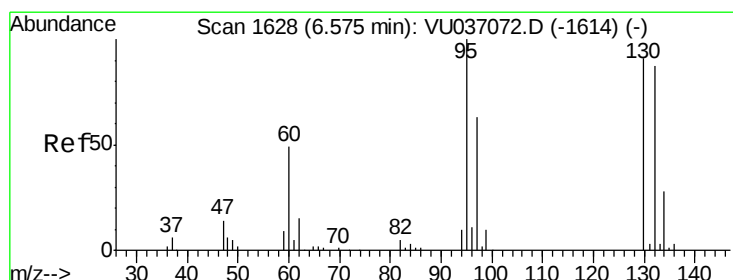
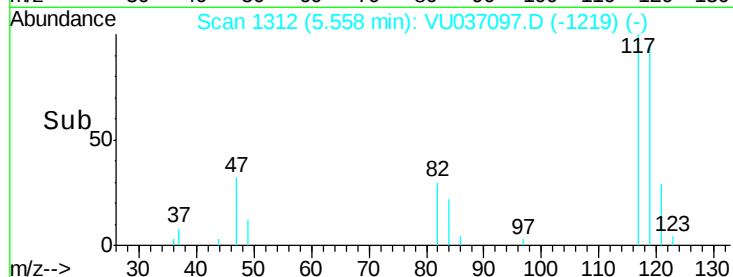
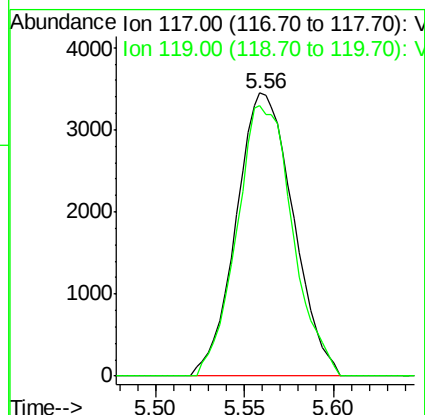
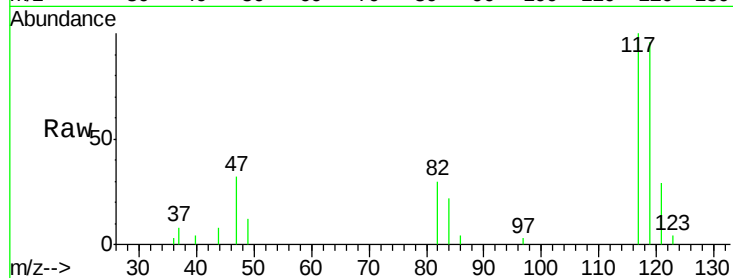
117 100

119 93.7 77.2 115.8

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#34

Trichloroethene

Concen: 15584.843 ug/L m

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VU037097.D

Acq: 05 Mar 2020 20:43

Tgt Ion: 95 Resp:29118957

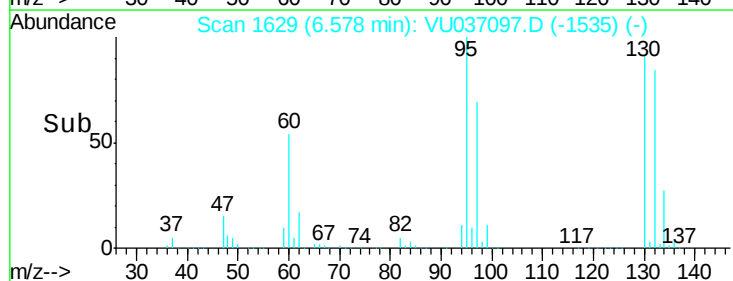
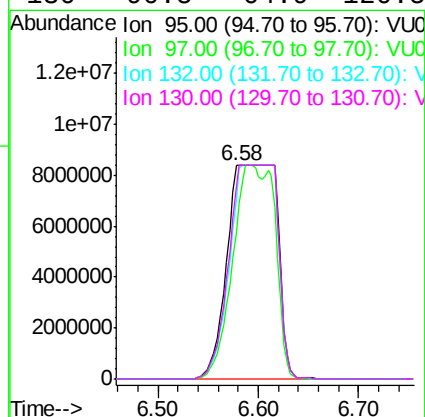
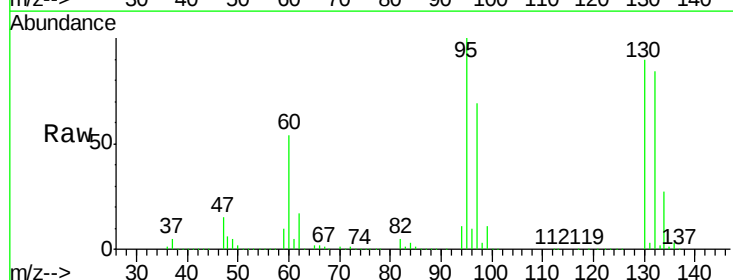
Ion Ratio Lower Upper

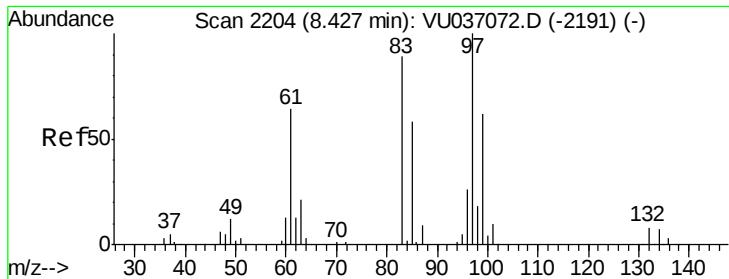
95 100

97 68.9 44.1 81.9

132 84.3 60.6 112.6

130 90.5 64.9 120.5





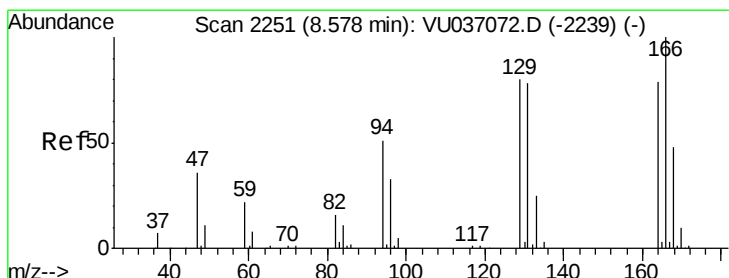
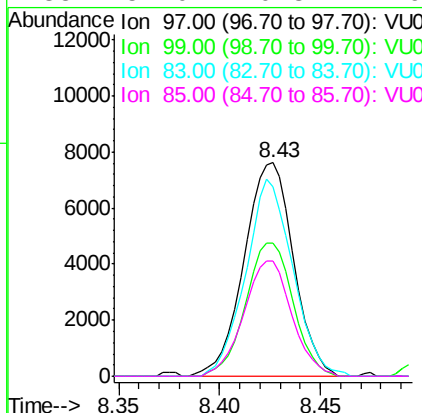
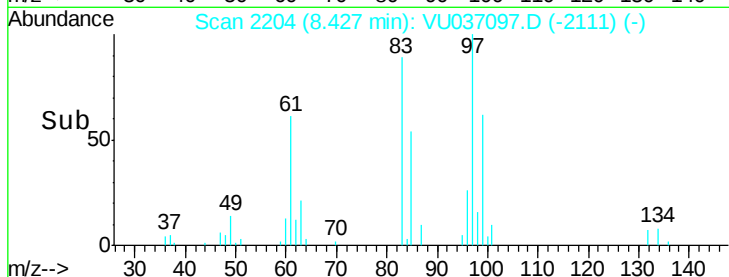
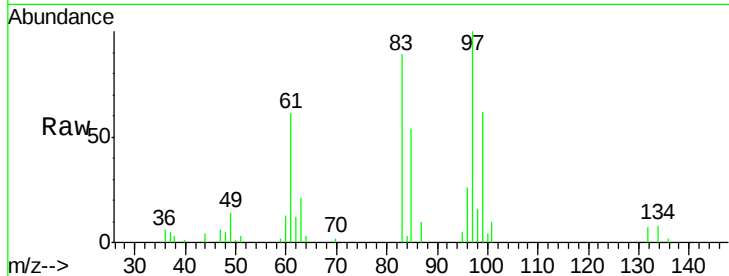
#45
 1,1,2-Trichloroethane
 Concen: 7.166 ug/L
 RT: 8.43 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VU037097.D
 Acq: 05 Mar 2020 20:43

Instrument :
 MSVOA_U
 ClientSampled :
 C0B02

Tot Ion:	97	Resp:	13044
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.6	81.0
83	88.5	62.7	116.5
85	54.0	40.3	74.9

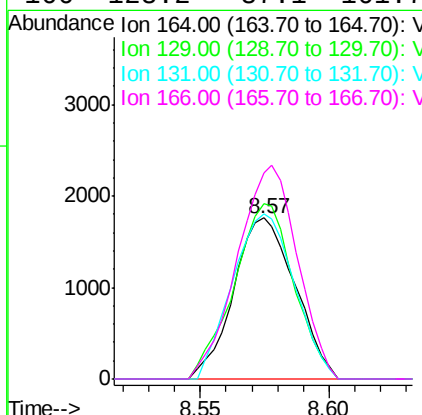
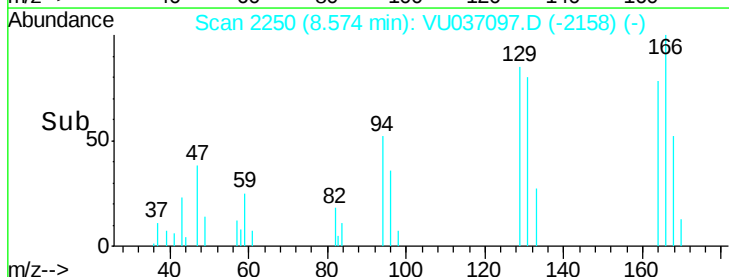
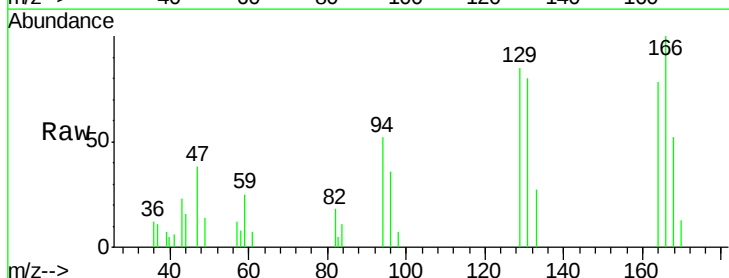
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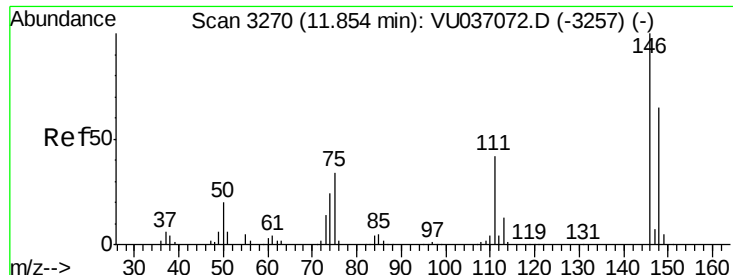
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#46
 Tetrachloroethene
 Concen: 2.376 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU037097.D
 Acq: 05 Mar 2020 20:43

Tgt Ion:	164	Resp:	2924
Ion	Ratio	Lower	Upper
164	100		
129	108.6	72.0	133.8
131	102.6	67.9	126.1
166	128.2	87.1	161.7





#63
 1,4-Dichlorobenzene
 Concen: 0.964 ug/L
 RT: 11.85 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU037097.D
 Acq: 05 Mar 2020 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B02

Tot Ion:	146	Resp:	2763
Ion Ratio	Lower	Upper	
146	100		
111	45.1	29.8	55.4
148	72.0	45.1	83.9

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