

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037047.D
 Acq On : 04 Mar 2020 18:33
 Operator : JC/MD
 Sample : L1784-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ3

Manual Integrations
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sam
 3/5/2020 3:34:30 PM

Quant Time: Mar 05 01:55:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 00:57:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	258175	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246972	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	92761	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90669	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.64%
7) Chloroethane-d5	1.93	69	88211	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.34%
11) 1,1-Dichloroethene-d2	2.59	63	131339	36.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.34%
21) 2-Butanone-d5	4.67	46	149913	103.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.08%
24) Chloroform-d	5.11	84	161330	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
26) 1,2-Dichloroethane-d4	5.74	65	112990	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
32) Benzene-d6	5.76	84	351583	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.46%
36) 1,2-Dichloropropane-d6	6.73	67	109509	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.66%
41) Toluene-d8	7.92	98	304818	46.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	49029	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.20%
47) 2-Hexanone-d5	8.66	63	104532	92.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.39%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	157943	48.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.84%
64) 1,2-Dichlorobenzene-d4	12.21	152	90429	49.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.74%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	24304	14.741	ug/L	99
12) 1,1-Dichloroethene	2.60	96	16646	9.982	ug/L #	3
13) Acetone	2.65	43	3814	2.550	ug/L	99
19) 1,1-Dichloroethane	3.92	63	3467	0.996	ug/L	94
20) cis-1,2-Dichloroethene	4.71	96	142910	71.347	ug/L	99
25) Chloroform	5.13	83	7495	2.232	ug/L	97
30) 1,1,1-Trichloroethane	5.36	97	78286	29.565	ug/L	100
31) Carbon tetrachloride	5.56	117	2798	1.348	ug/L	92
34) Trichloroethene	6.58	95	26056511m	13587.668	ug/L	
45) 1,1,2-Trichloroethane	8.42	97	10236	5.479	ug/L	96
46) Tetrachloroethene	8.58	164	2818	2.231	ug/L	94

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

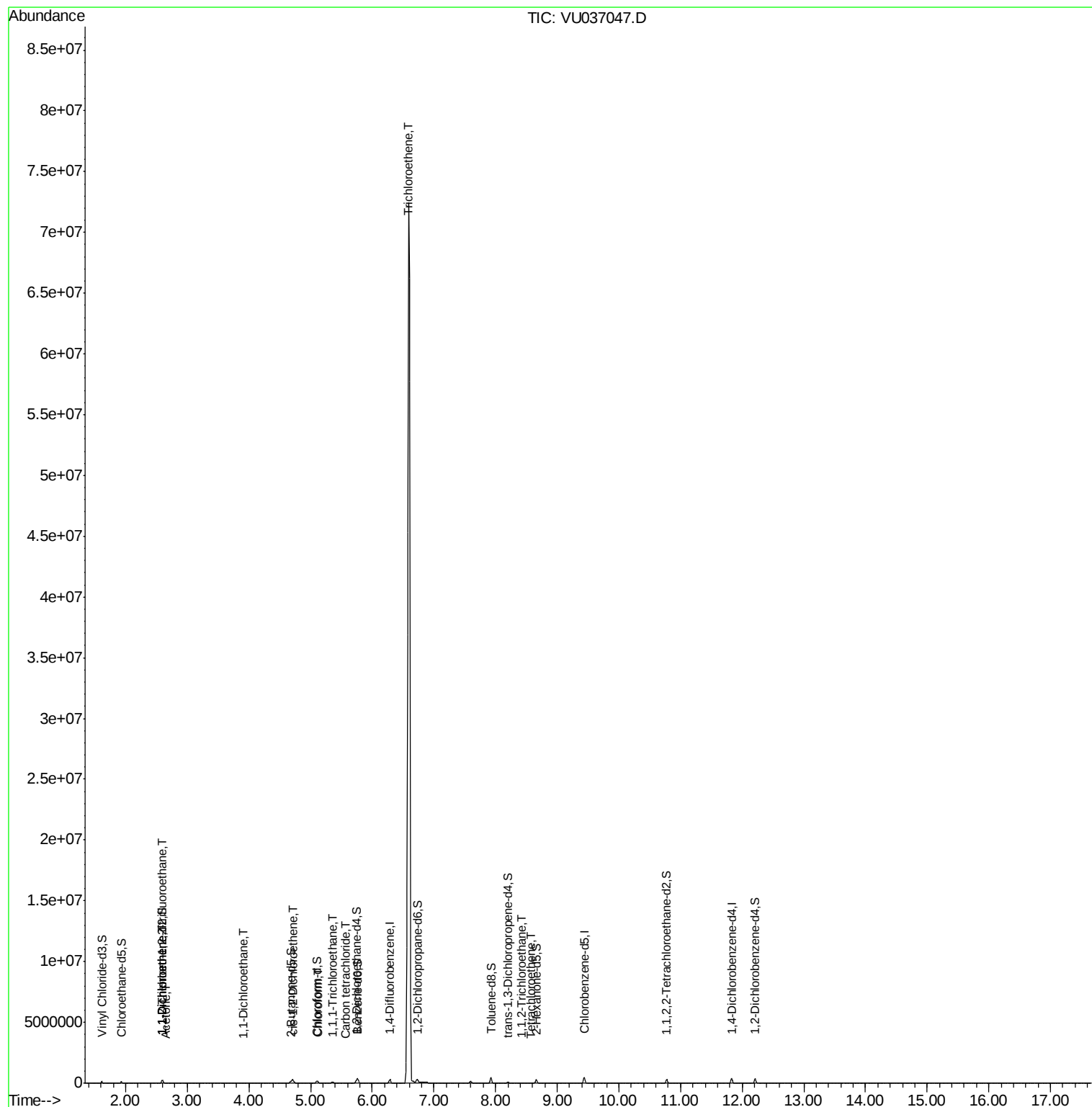
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
Data File : VU037047.D
Acq On : 04 Mar 2020 18:33
Operator : JC/MD
Sample : L1784-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

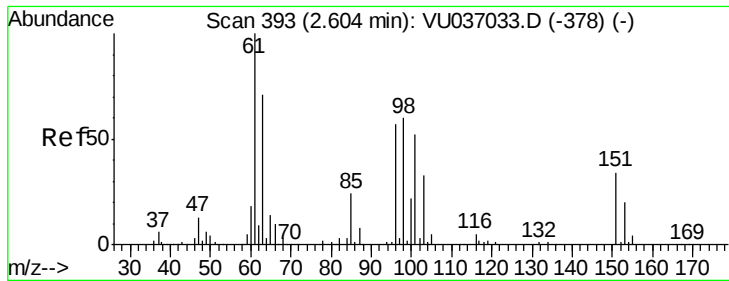
Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Mar 05 01:55:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 00:57:10 2020
Response via : Initial Calibration





#10

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

Concen: 14.741 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU037047.D

Acq: 04 Mar 2020 18:33

Instrument :

MSVOA_U

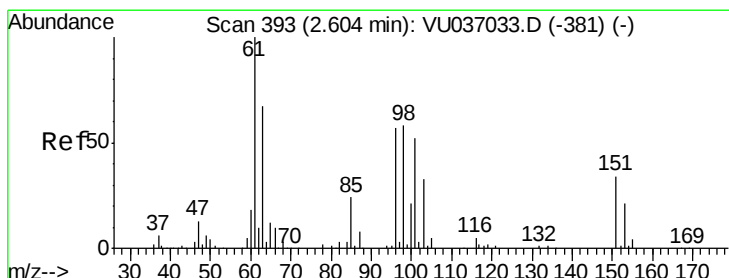
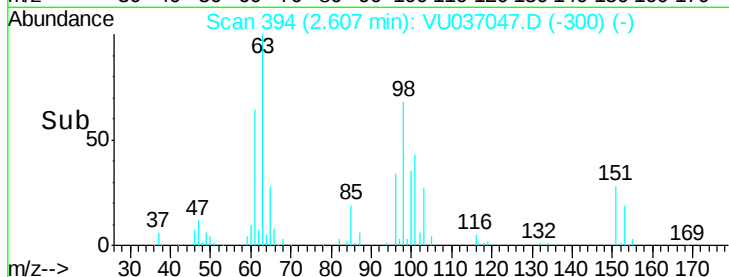
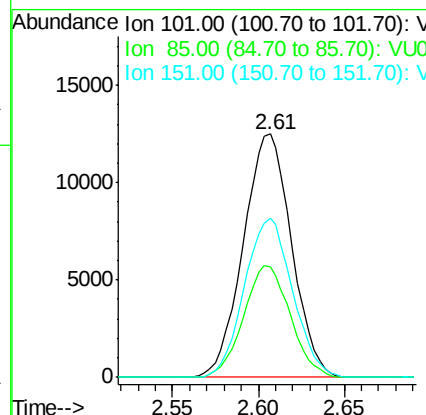
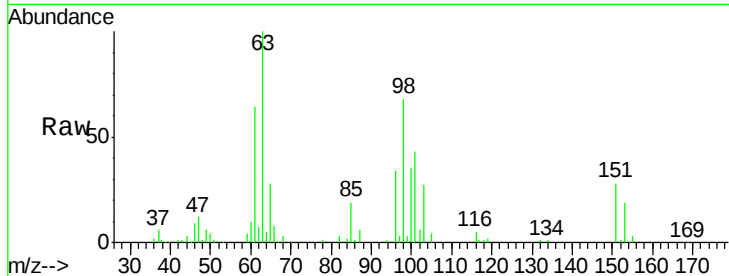
ClientSampleId :

C0AZ3

Tot Ion:	101	Resp:	24304
Ion Ratio	Lower	Upper	
101	100		
85	44.4	36.4	54.6
151	65.2	52.4	78.6

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#12

1,1-Dichloroethene

Concen: 9.982 ug/L

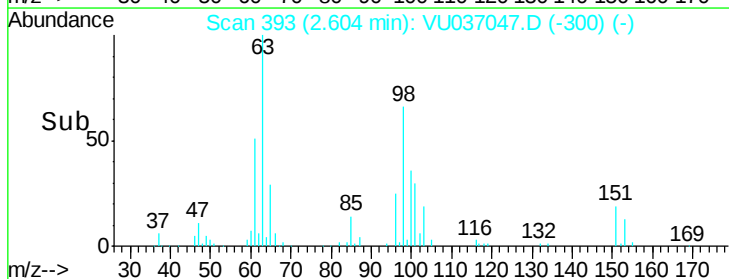
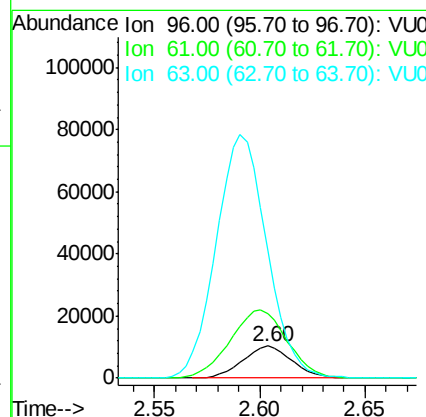
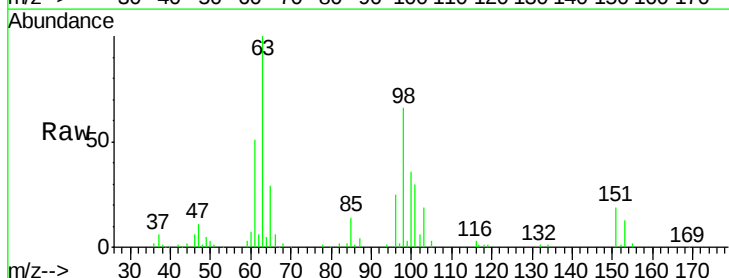
RT: 2.60 min Scan# 393

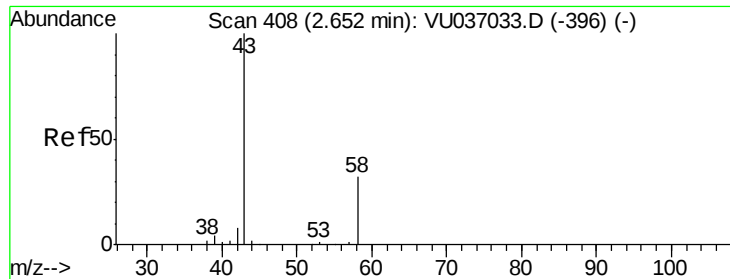
Delta R.T. -0.00 min

Lab File: VU037047.D

Acq: 04 Mar 2020 18:33

Tgt Ion:	96	Resp:	16646
Ion Ratio	Lower	Upper	
96	100		
61	201.1	127.5	236.7
63	395.5	101.4	188.2#





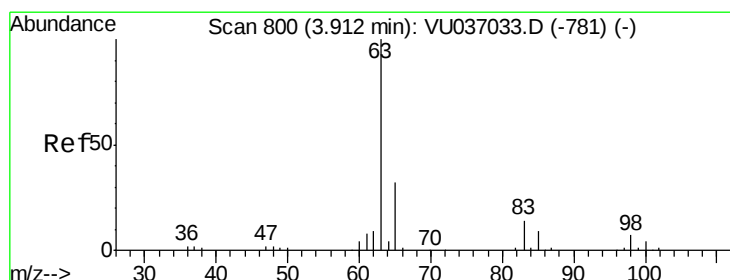
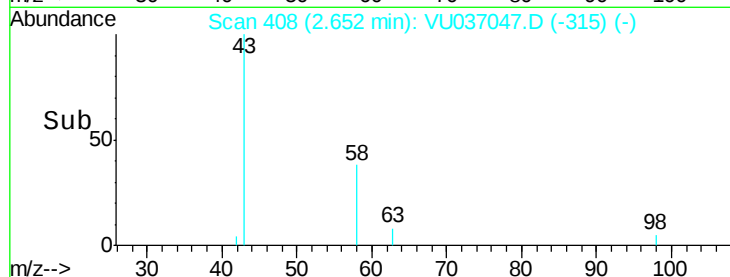
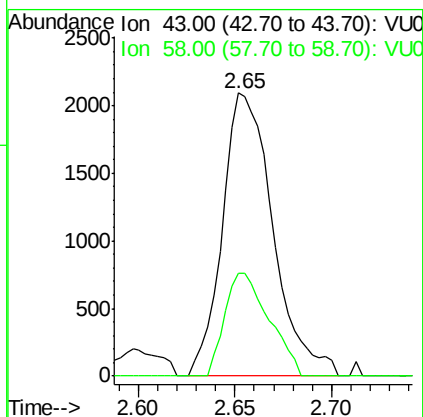
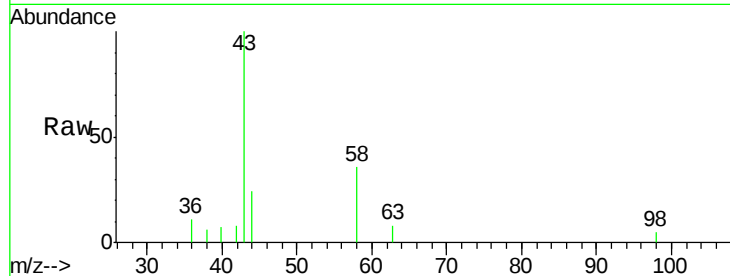
#13
Acetone
Concen: 2.550 ug/L
RT: 2.65 min Scan# 408
Delta R.T. -0.00 min
Lab File: VU037047.D
Acq: 04 Mar 2020 18:33

Instrument :
MSVOA_U
ClientSampleId :
C0AZ3

Tot Ion	Ratio	Lower	Upper
43	100		
58	31.6	0.0	64.6

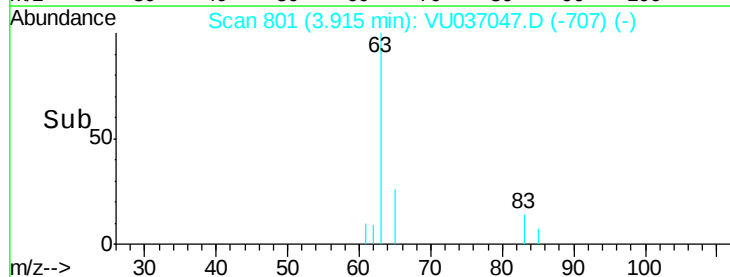
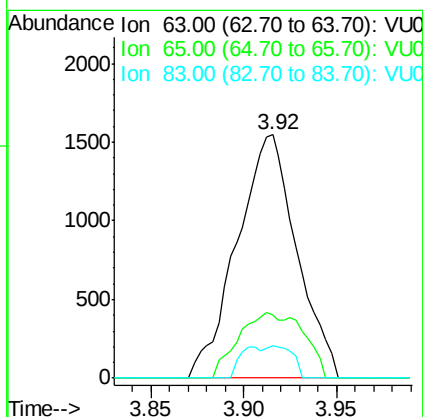
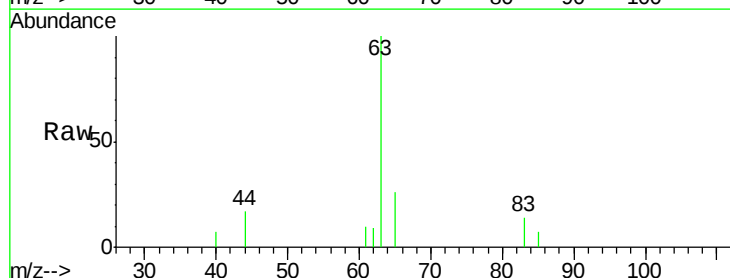
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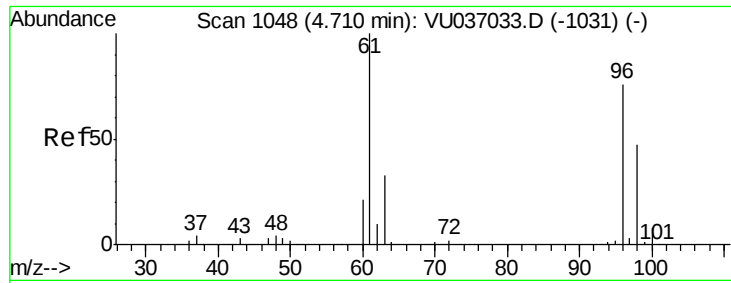
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#19
1,1-Dichloroethane
Concen: 0.996 ug/L
RT: 3.92 min Scan# 801
Delta R.T. 0.00 min
Lab File: VU037047.D
Acq: 04 Mar 2020 18:33

Tgt Ion	Ratio	Lower	Upper
63	100		
65	26.1	21.3	39.5
83	13.6	9.2	17.2





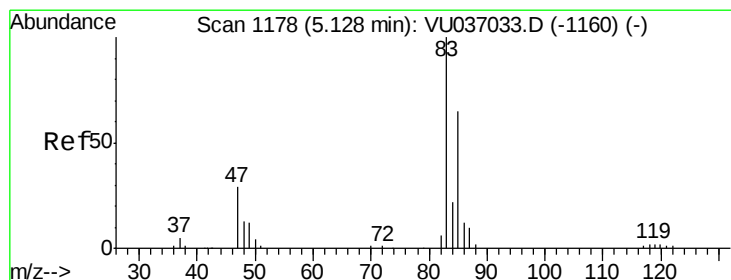
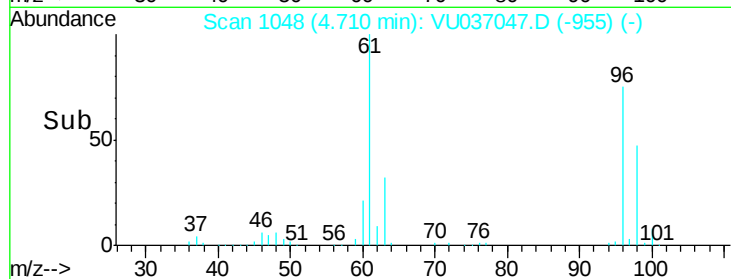
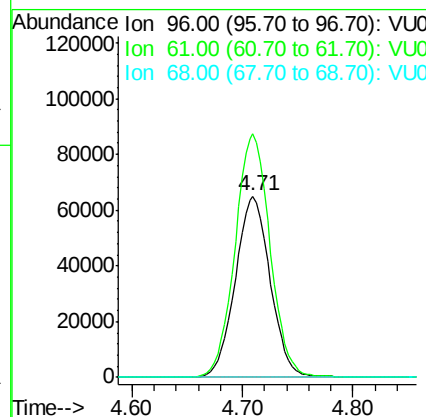
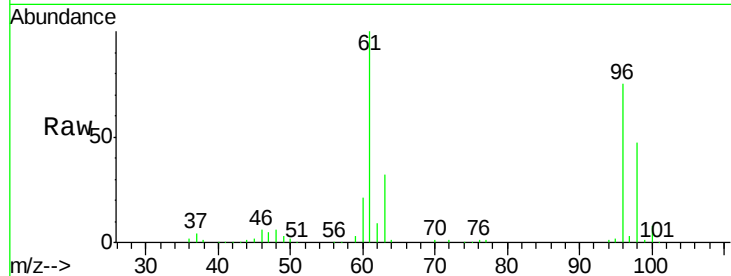
#20
 cis-1,2-Dichloroethene
 Concen: 71.347 ug/L
 RT: 4.71 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: VU037047.D
 Acq: 04 Mar 2020 18:33

Instrument :
 MSVOA_U
 ClientSampled :
 C0AZ3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		142910		
61	134.2		93.1	172.9	
68	0.0		0.0	0.0	

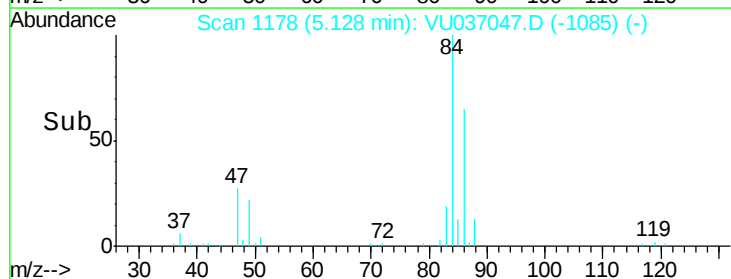
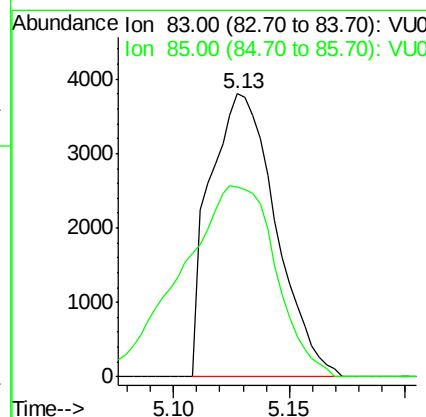
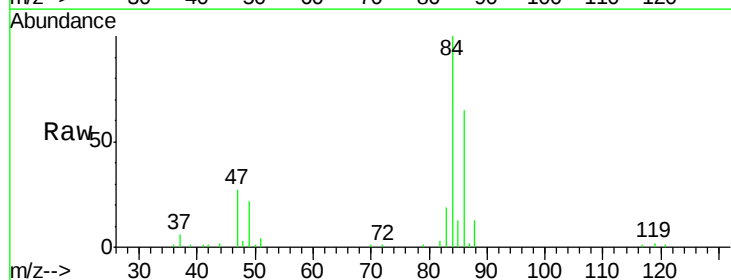
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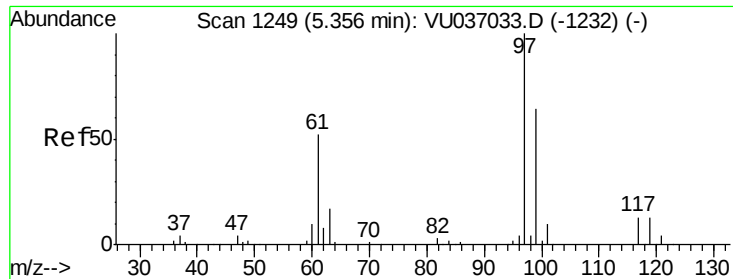
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#25
 Chloroform
 Concen: 2.232 ug/L
 RT: 5.13 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VU037047.D
 Acq: 04 Mar 2020 18:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		7495		
85	67.2		45.1	83.9	





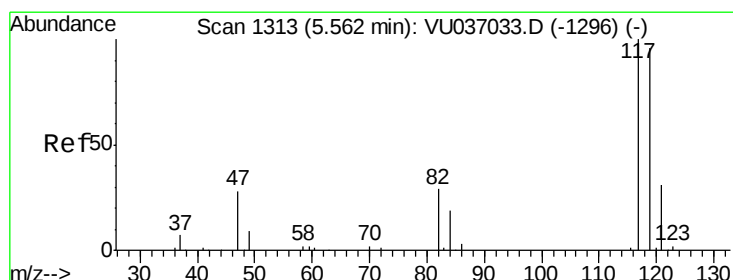
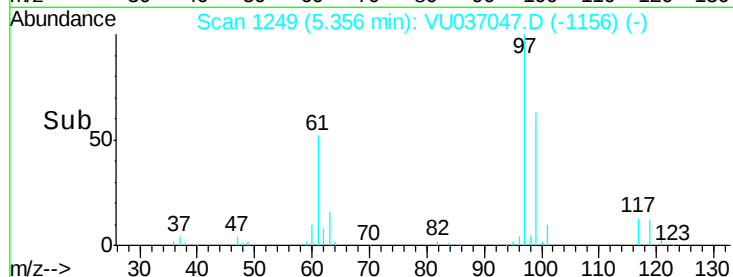
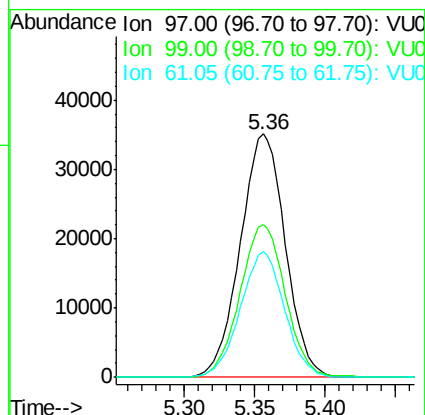
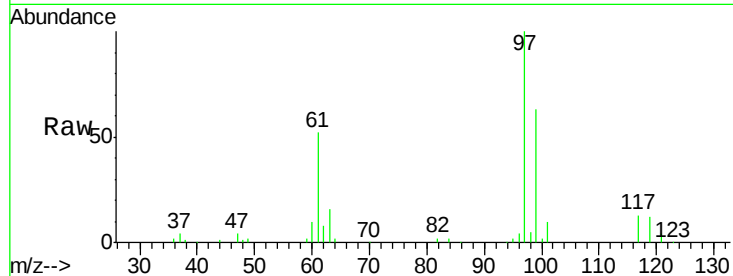
#30
 1,1,1-Trichloroethane
 Concen: 29.565 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: VU037047.D
 Acq: 04 Mar 2020 18:33

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ3

Tot Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.4	75.6
61	50.6	40.3	60.5

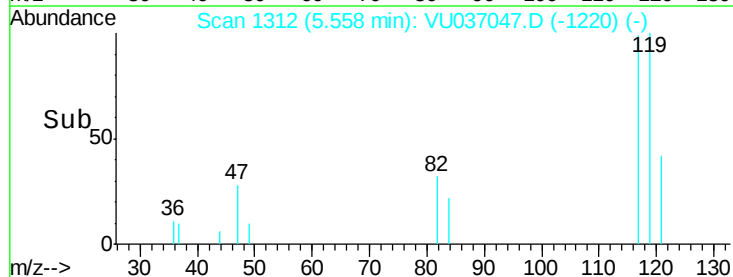
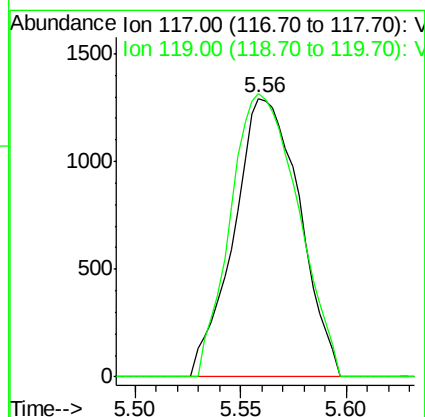
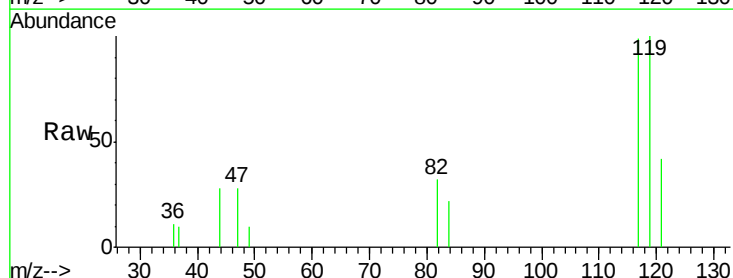
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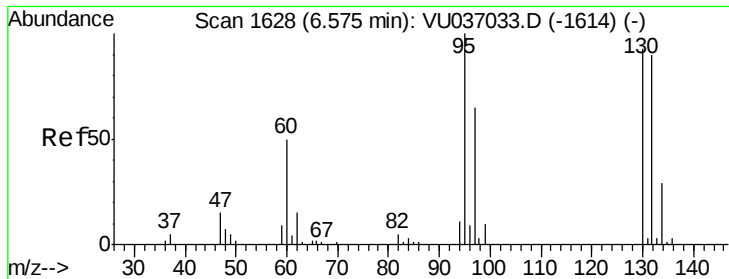
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#31
 Carbon tetrachloride
 Concen: 1.348 ug/L
 RT: 5.56 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: VU037047.D
 Acq: 04 Mar 2020 18:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.5	77.2	115.8





#34

Trichloroethene

Concen: 13587.668 ug/L m

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VU037047.D

Acq: 04 Mar 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

C0AZ3

Tot Ion: 95 Resp: 26056511

Ion Ratio Lower Upper

95 100

97 66.8 44.1 81.9

132 81.6 60.6 112.6

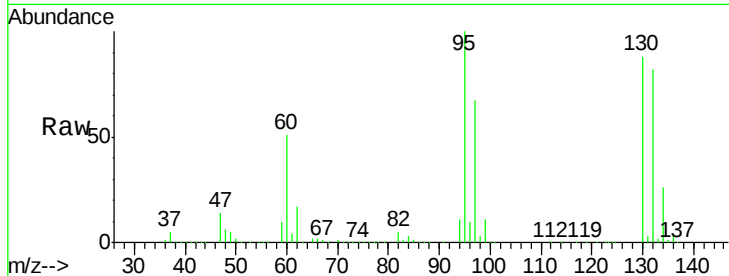
130 88.0 64.9 120.5

Manual Integrations

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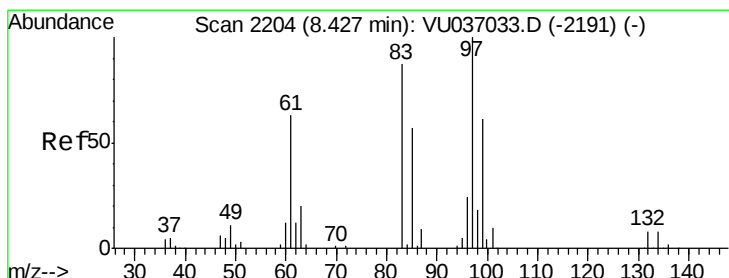
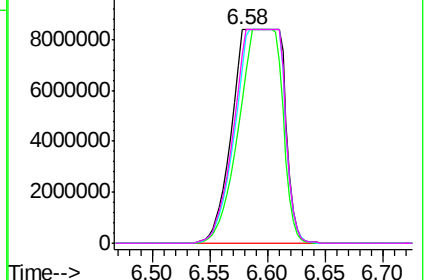
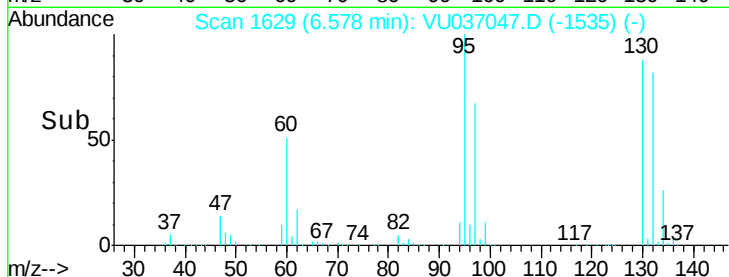


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#45

1,1,2-Trichloroethane

Concen: 5.479 ug/L

RT: 8.42 min Scan# 2203

Delta R.T. -0.00 min

Lab File: VU037047.D

Acq: 04 Mar 2020 18:33

Tgt Ion: 97 Resp: 10236

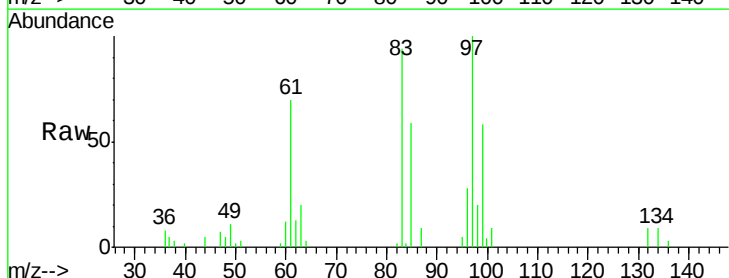
Ion Ratio Lower Upper

97 100

99 57.5 43.6 81.0

83 94.3 62.7 116.5

85 58.8 40.3 74.9

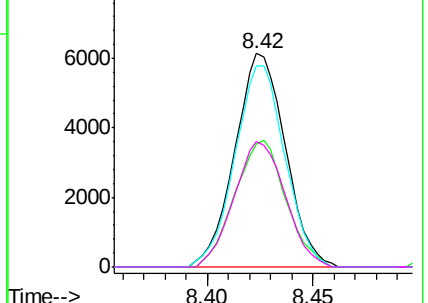
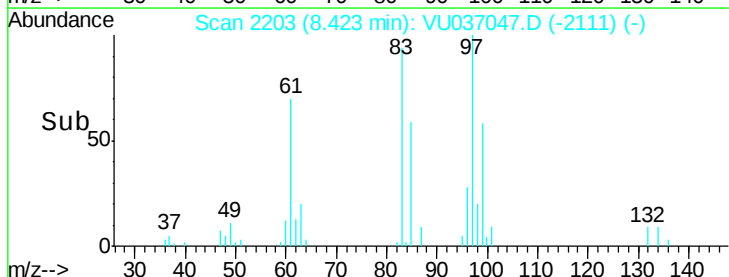


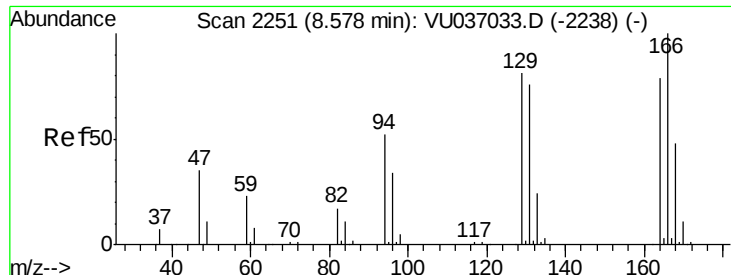
Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#46

Tetrachloroethene

Concen: 2.231 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.00 min

Lab File: VU037047.D

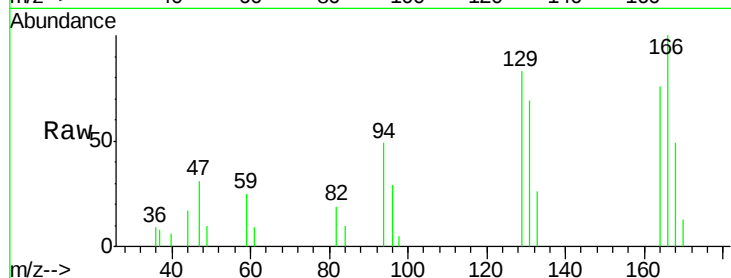
Acq: 04 Mar 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

C0AZ3



Tot Ion:164 Resp: 2818

Ion Ratio Lower Upper

164 100

129 109.2 72.0 133.8

131 91.3 67.9 126.1

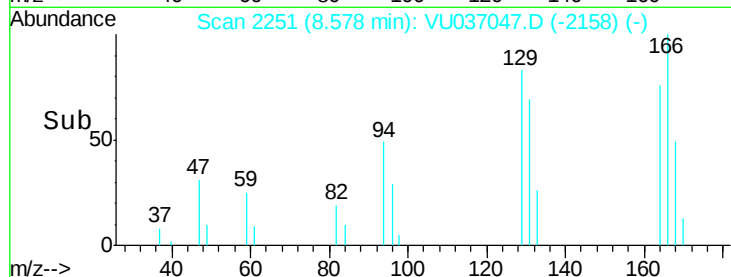
166 132.2 87.1 161.7

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Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

