

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037434.D
 Acq On : 28 Mar 2020 22:18
 Operator : JC/MD
 Sample : L2002-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWH8

Manual Integrations
 APPROVED

MMDadoda
 3/31/2020 2:58:03 PM

Quant Time: Mar 30 02:57:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 00:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	112139	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	104094	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	52893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36852	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.93	69	32186	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.59	63	58572	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.67	46	109346	48.46	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	5.11	84	69074	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.74	65	43491	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	148535	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.72	67	48533	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.92	98	141311	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	8.20	79	21574	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.66	63	94307	50.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	39619	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	51204	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Ovalue
13) Acetone	2.66	43	86643	66.833	ug/L 98
15) Methyl Acetate	2.98	43	168536	46.532	ug/L 97
21) 2-Butanone	4.75	43	11034m	5.007	ug/L
25) Chloroform	5.12	83	8825	0.582	ug/L 88
31) Carbon tetrachloride	5.56	117	36393	3.222	ug/L 100
42) Toluene	7.99	91	6830	0.206	ug/L 98

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

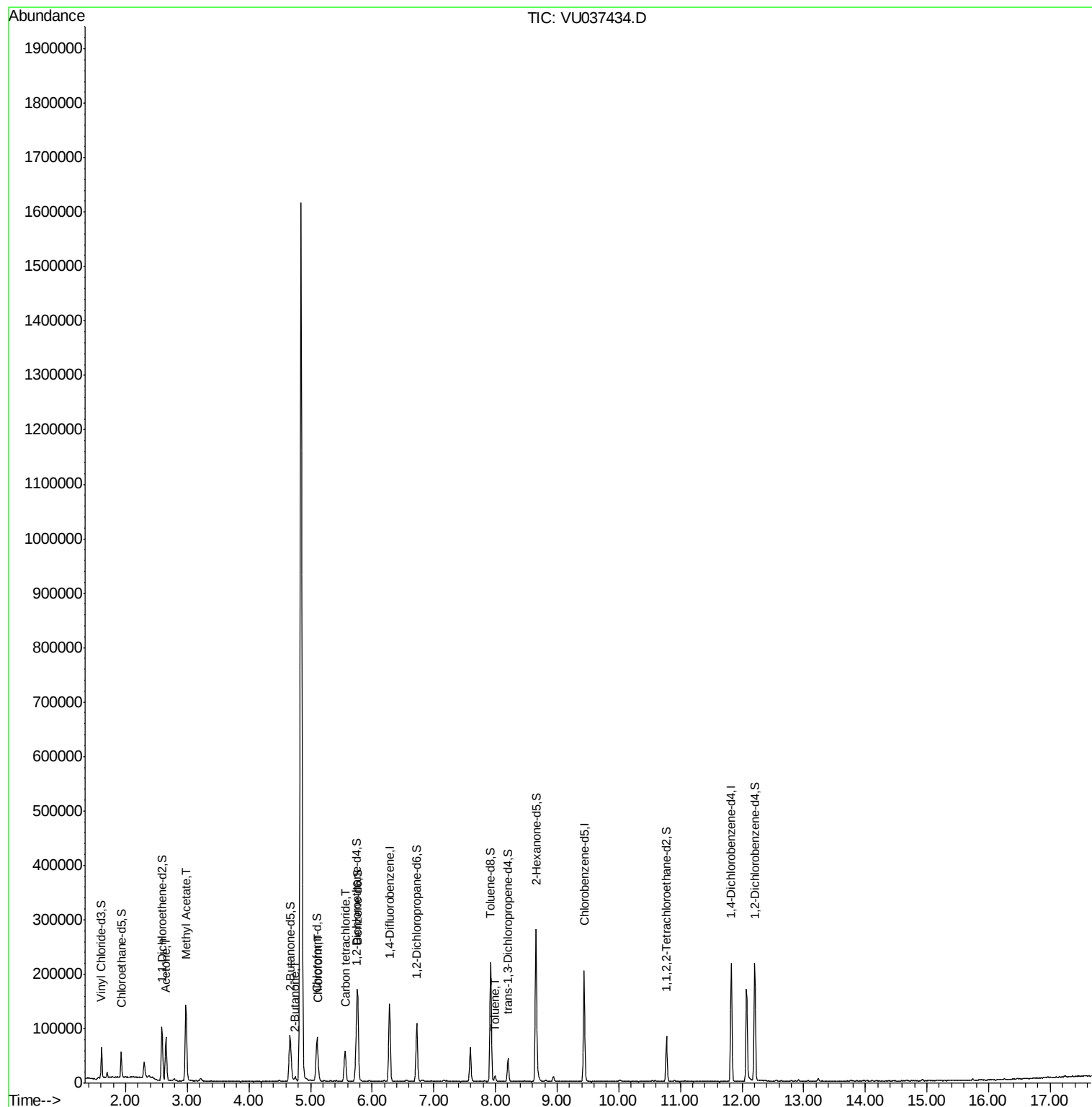
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
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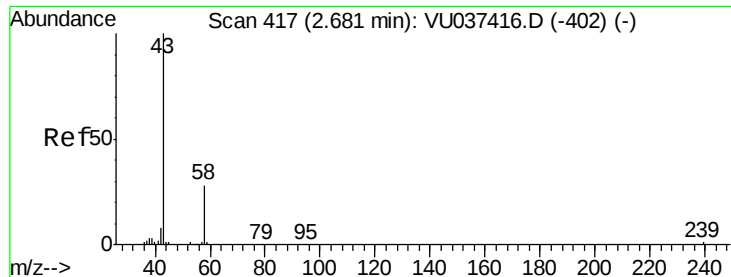
Instrument :
MSVOA_U
ClientSampleId :
GAWH8

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Quant Time: Mar 30 02:57:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Mar 30 00:15:54 2020
Response via : Initial Calibration





#13

Acetone

Concen: 66.833 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU037434.D

Acq: 28 Mar 2020 22:18

Instrument :

MSVOA_U

ClientSampled :

GAWH8

Tot Ion: 43 Resp: 86643

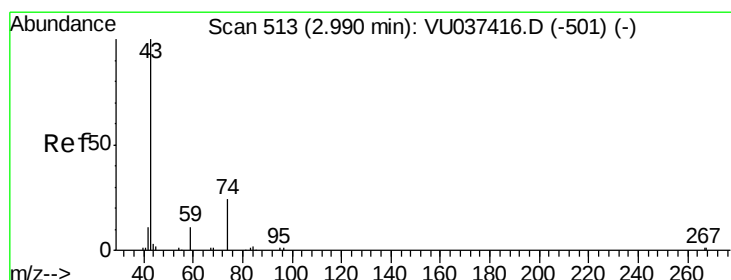
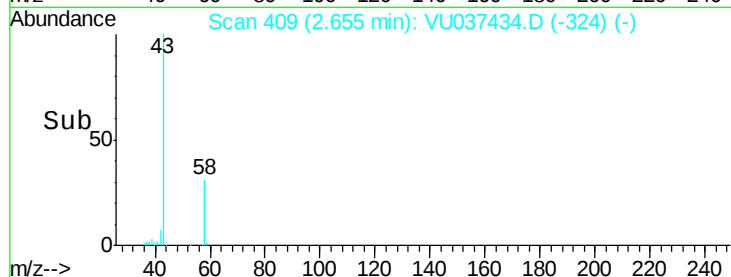
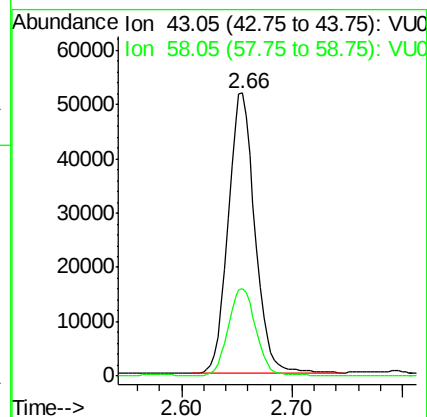
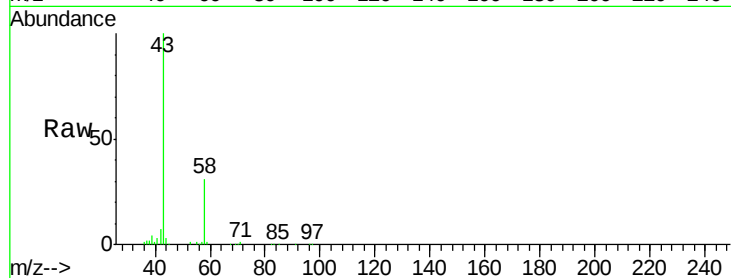
Ion Ratio Lower Upper

43 100

58 32.0 0.0 66.0

Manual Integrations
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#15

Methyl Acetate

Concen: 46.532 ug/L

RT: 2.98 min Scan# 510

Delta R.T. -0.01 min

Lab File: VU037434.D

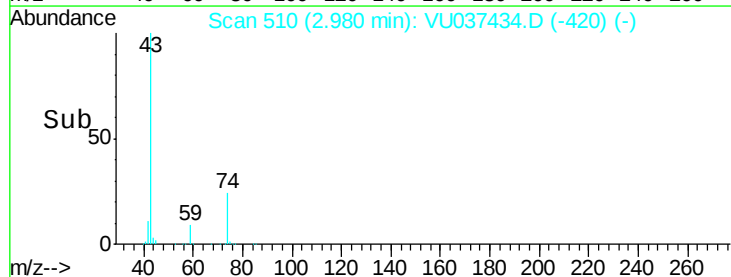
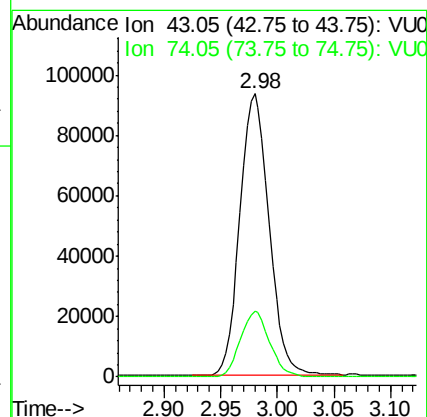
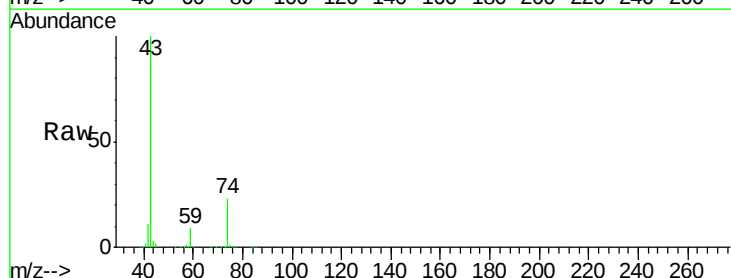
Acq: 28 Mar 2020 22:18

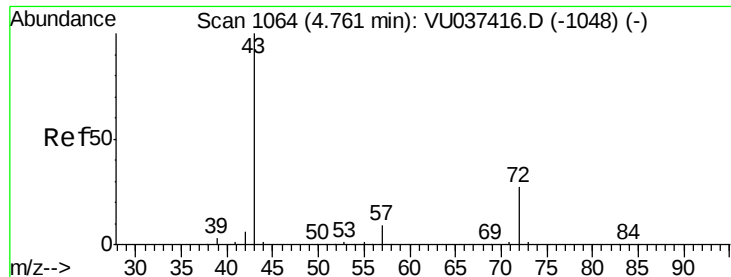
Tgt Ion: 43 Resp: 168536

Ion Ratio Lower Upper

43 100

74 23.3 19.8 29.6





#21

2-Butanone

Concen: 5.007 ug/L m

RT: 4.75 min Scan# 1061

Delta R.T. -0.01 min

Lab File: VU037434.D

Acq: 28 Mar 2020 22:18

Instrument :

MSVOA_U

ClientSampleId :

GAWH8

Tot Ion: 43 Resp: 11034

Ion Ratio Lower Upper

43 100

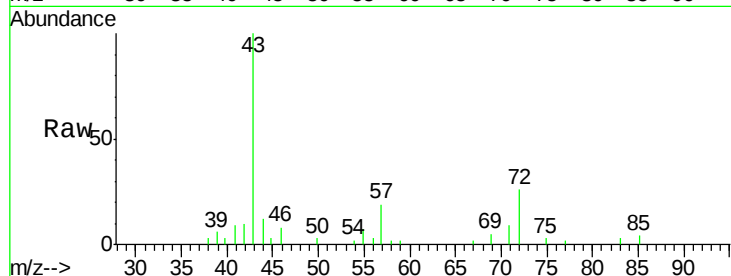
72 12.1 14.2 42.6#

Manual Integrations

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Abundance Ion 43.05 (42.75 to 43.75): VU037416.D (-1048) (-)

Ion 72.10 (71.80 to 72.80): VU037416.D (-1048) (-)

250000

200000

150000

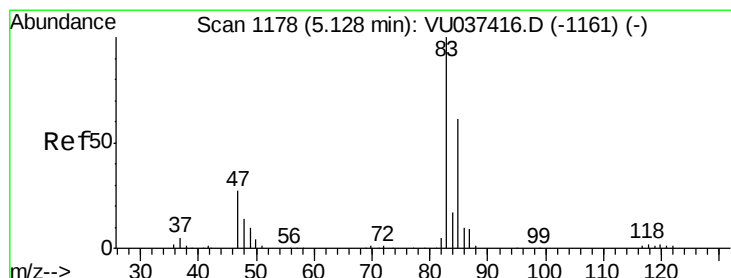
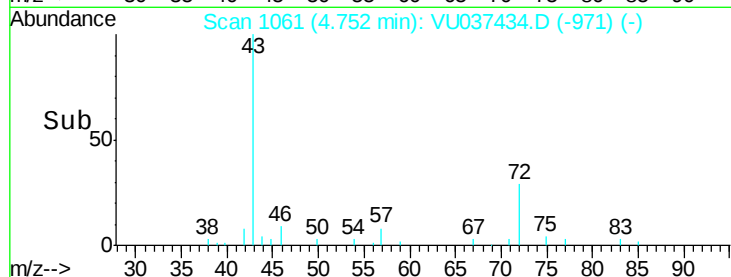
100000

50000

0

4.70 4.75 4.80

Time-->



#25

Chloroform

Concen: 0.582 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU037434.D

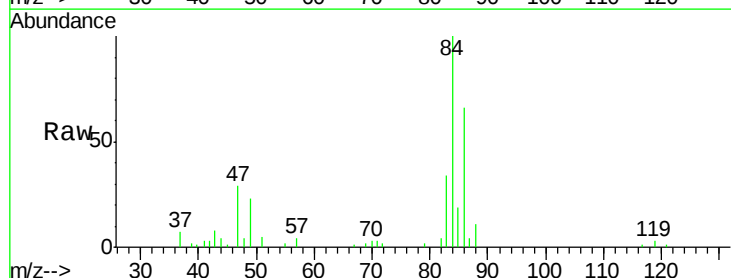
Acq: 28 Mar 2020 22:18

Tgt Ion: 83 Resp: 8825

Ion Ratio Lower Upper

83 100

85 55.7 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU037416.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU037416.D (-1161) (-)

4000

3000

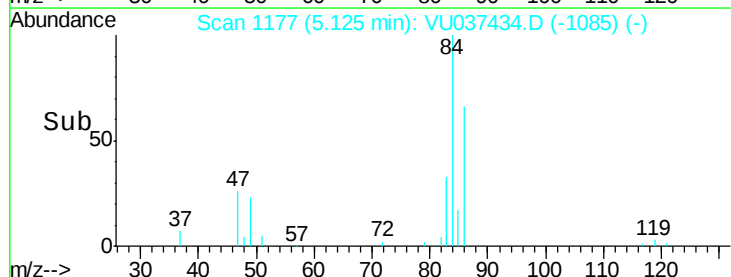
2000

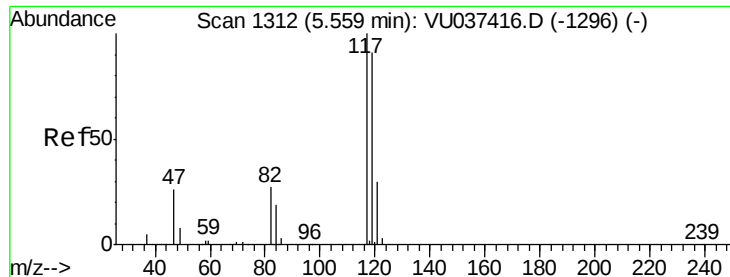
1000

0

5.05 5.10 5.15 5.20

Time-->





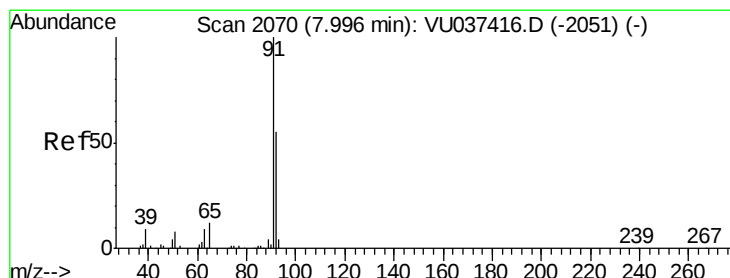
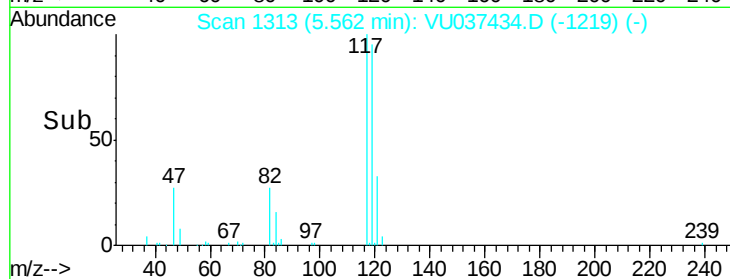
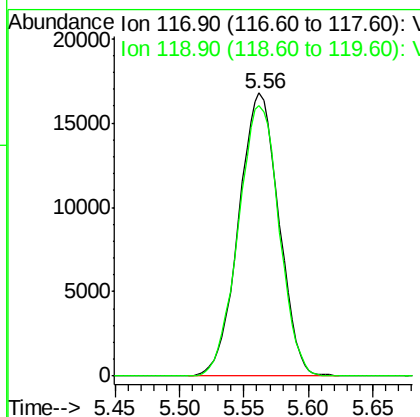
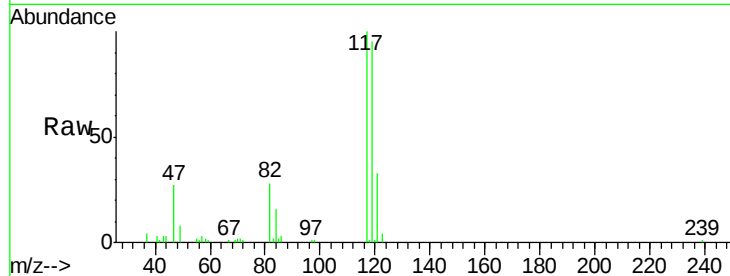
#31
Carbon tetrachloride
Concen: 3.222 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037434.D
Acq: 28 Mar 2020 22:18

Instrument :
MSVOA_U
ClientSampleId :
GAWH8

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.7	116.5

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#42
Toluene
Concen: 0.206 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU037434.D
Acq: 28 Mar 2020 22:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.3	39.8	73.8

