

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037791.D
 Acq On : 17 Apr 2020 23:26
 Operator : JC/MD
 Sample : L2319-03
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD5

Quant Time: Apr 18 06:25:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 05:19:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	277615	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	265418	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	130668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79573	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.93	69	76993	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.59	63	112994	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.66	46	302270	52.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.78%
24) Chloroform-d	5.10	84	156314	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.74	65	94592	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.76	84	322906	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.72	67	112276	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.92	98	289206	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.20	79	45581	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.65	63	260437	48.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	87704	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	108369	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

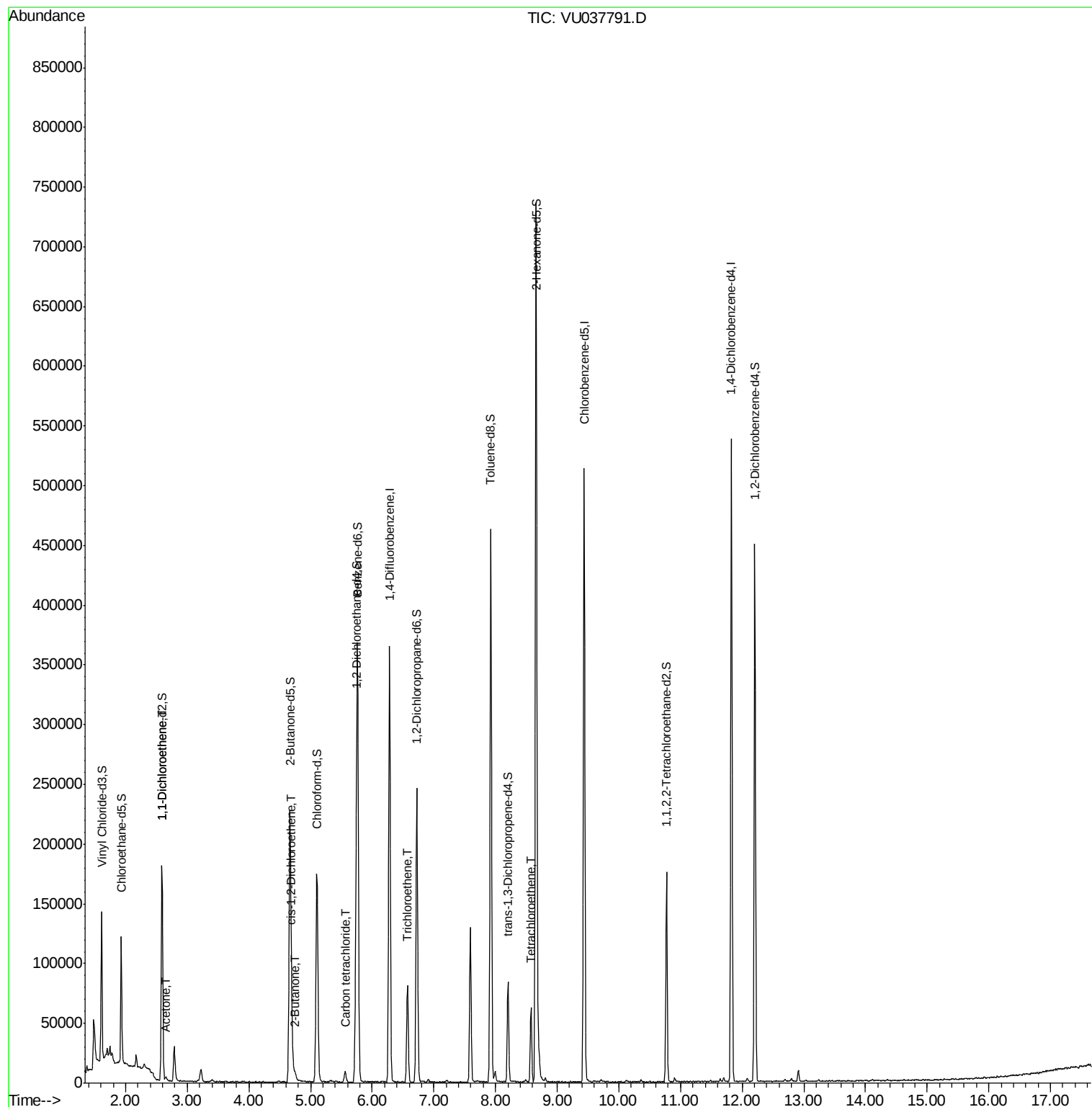
					Ovalue
12) 1,1-Dichloroethene	2.60	96	3485	0.182 ug/L	# 1
13) Acetone	2.66	43	4221	1.110 ug/L	85
21) 2-Butanone	4.75	43	8983	1.300 ug/L	95
22) cis-1,2-Dichloroethene	4.70	96	6184	0.276 ug/L	87
31) Carbon tetrachloride	5.56	117	5797	0.226 ug/L	93
34) Trichloroethene	6.57	95	26777	1.242 ug/L	95
47) Tetrachloroethene	8.57	164	13580	0.877 ug/L	90

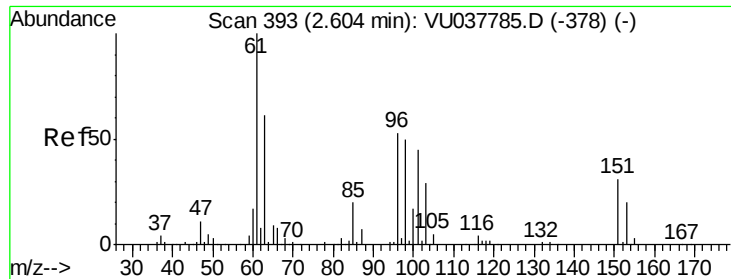
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.182 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU037791.D

Acq: 17 Apr 2020 23:26

Instrument :

MSVOA_U

ClientSampleId :

C0AD5

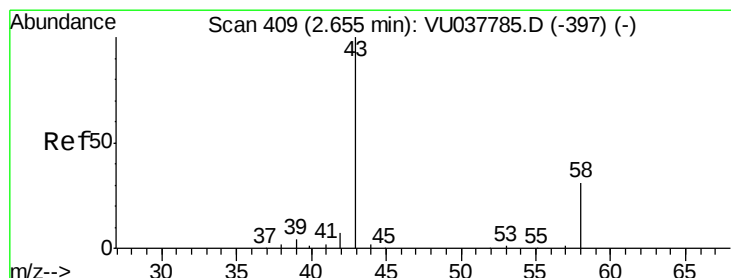
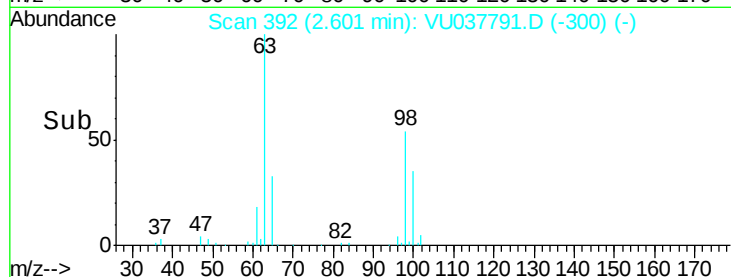
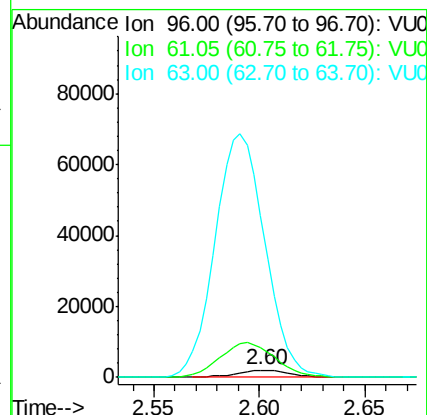
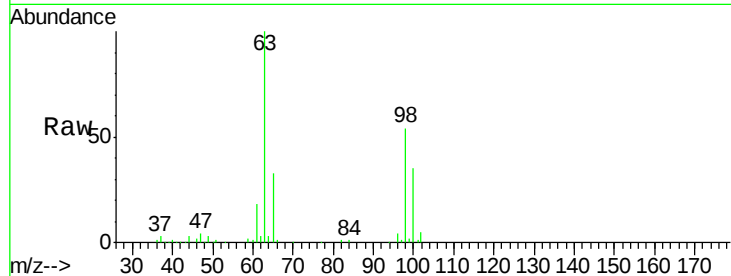
Tot Ion: 96 Resp: 3485

Ion Ratio Lower Upper

96 100

61 420.6 127.7 237.3#

63 2316.0 85.0 157.8#



#13

Acetone

Concen: 1.110 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037791.D

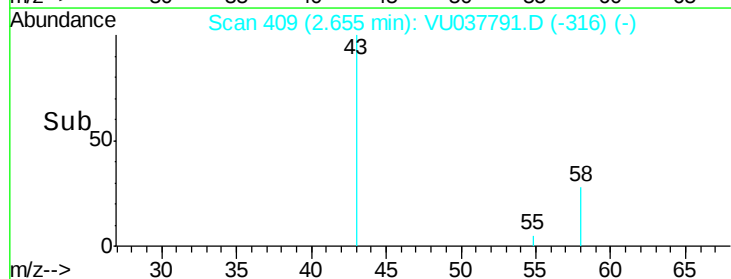
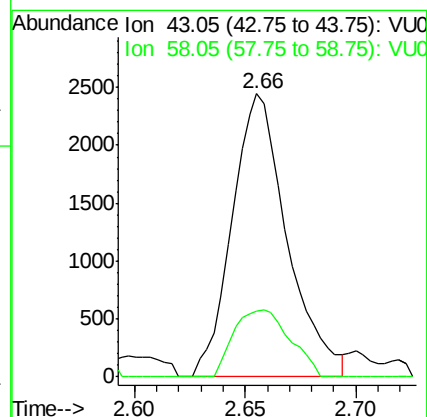
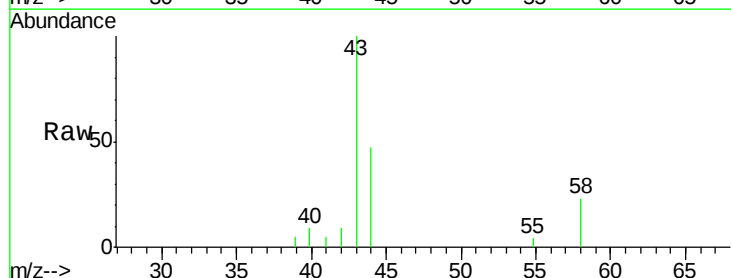
Acq: 17 Apr 2020 23:26

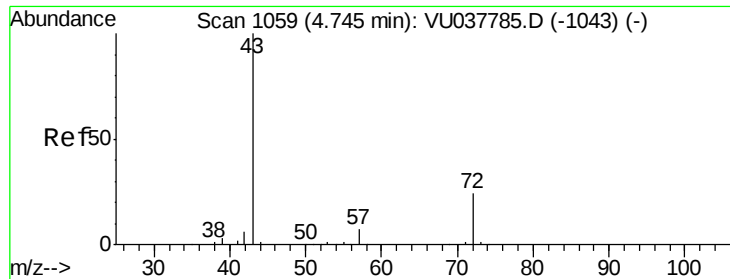
Tgt Ion: 43 Resp: 4221

Ion Ratio Lower Upper

43 100

58 24.2 0.0 64.8





#21

2-Butanone

Concen: 1.300 ug/L

RT: 4.75 min Scan# 1060

Delta R.T. 0.00 min

Lab File: VU037791.D

Acq: 17 Apr 2020 23:26

Instrument :

MSVOA_U

ClientSampleId :

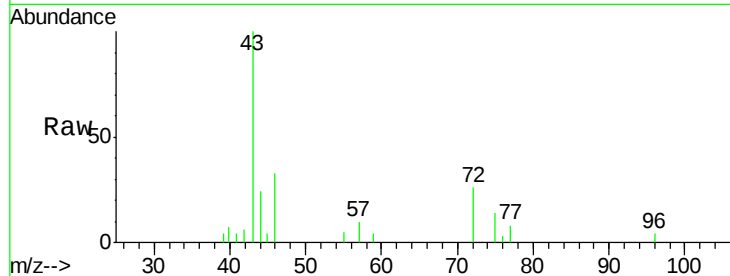
C0AD5

Tot Ion: 43 Resp: 8983

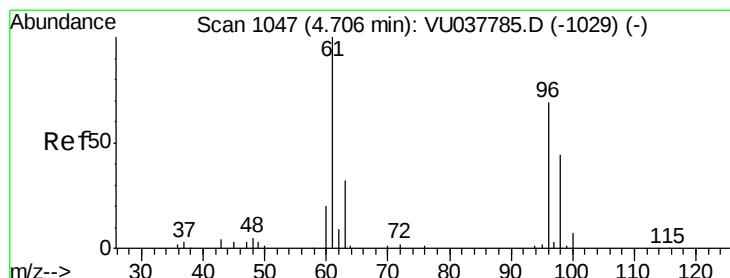
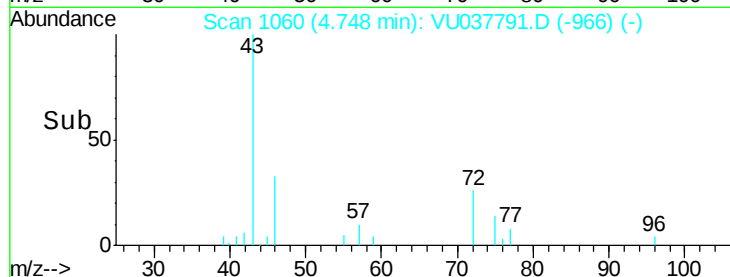
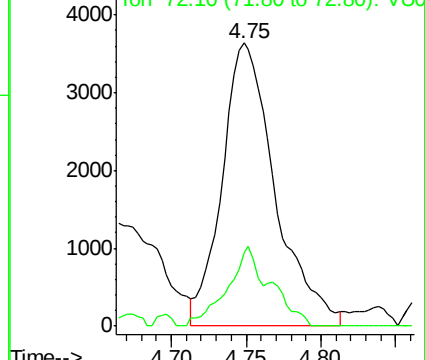
Ion Ratio Lower Upper

43 100

72 22.8 12.6 37.6



Abundance Ion 43.05 (42.75 to 43.75): VU037791.D (-966) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.276 ug/L

RT: 4.70 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VU037791.D

Acq: 17 Apr 2020 23:26

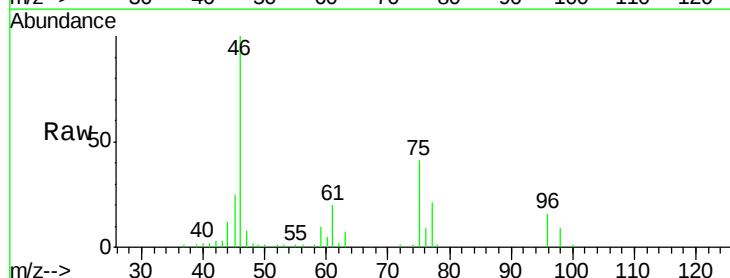
Tgt Ion: 96 Resp: 6184

Ion Ratio Lower Upper

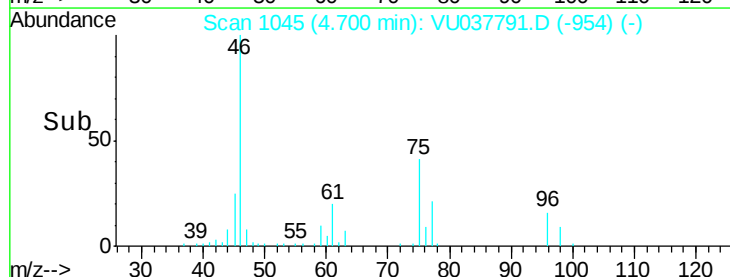
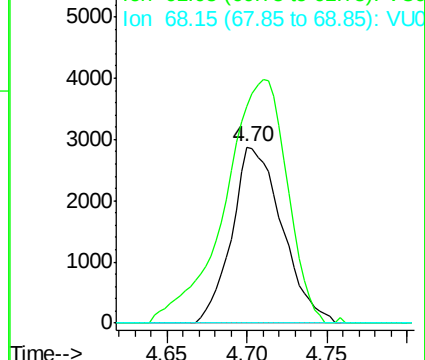
96 100

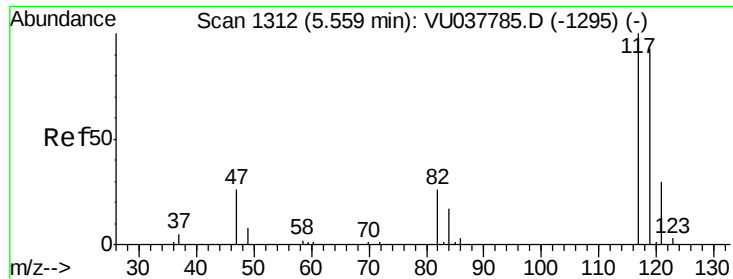
61 123.1 97.0 180.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037791.D (-954) (-)



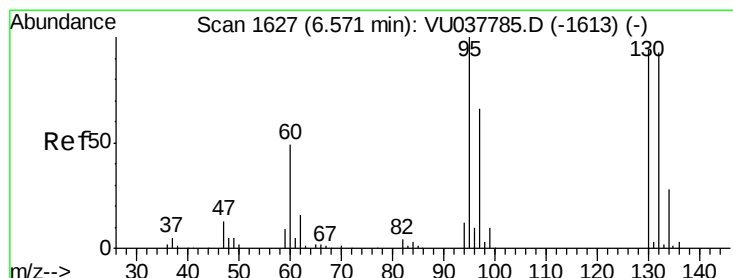
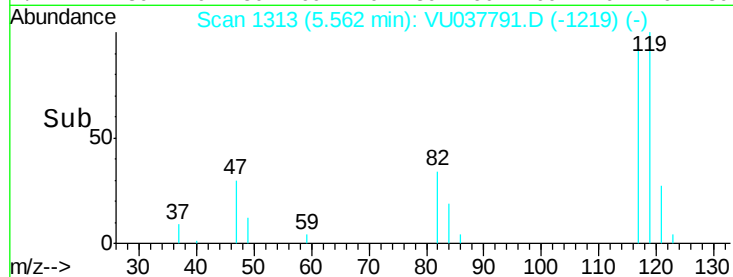
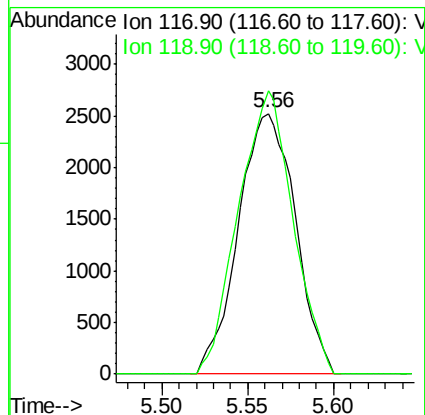
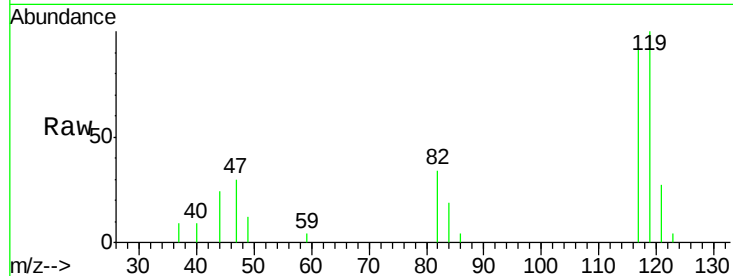


#31

Carbon tetrachloride
 Concen: 0.226 ug/L
 RT: 5.56 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: VU037791.D
 Acq: 17 Apr 2020 23:26

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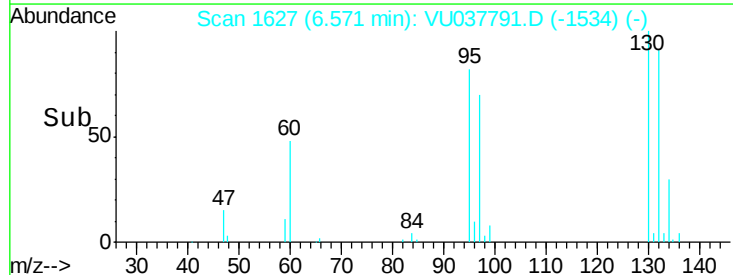
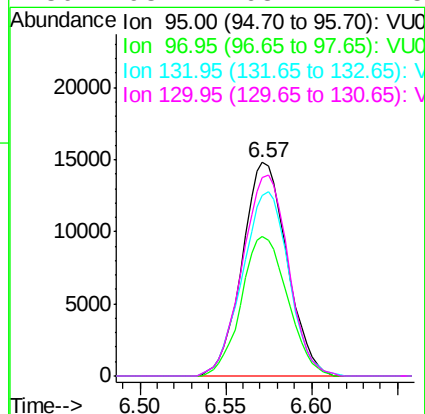
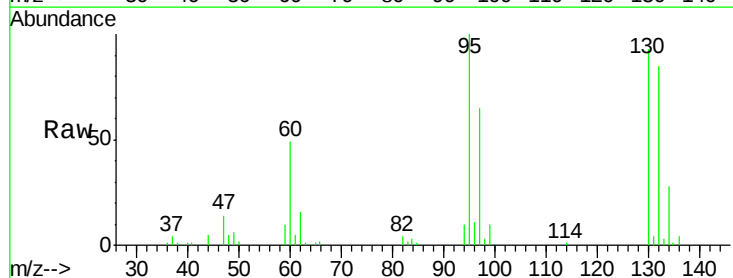
Tot Ion:117 Resp: 5797
 Ion Ratio Lower Upper
 117 100
 119 104.0 77.4 116.0

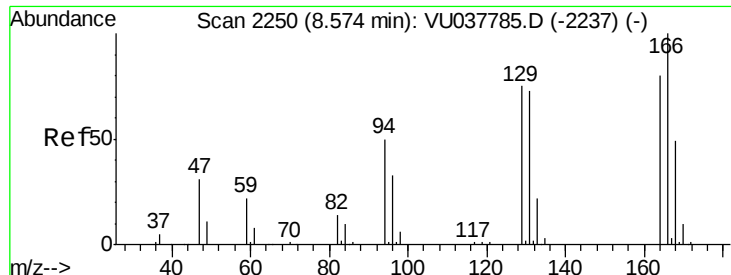


#34

Trichloroethene
 Concen: 1.242 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037791.D
 Acq: 17 Apr 2020 23:26

Tgt Ion: 95 Resp: 26777
 Ion Ratio Lower Upper
 95 100
 97 65.1 45.4 84.2
 132 84.5 63.7 118.3
 130 93.1 68.7 127.5





#47

Tetrachloroethene

Concen: 0.877 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU037791.D

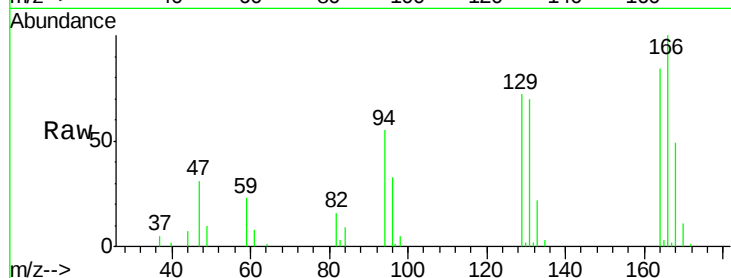
Acq: 17 Apr 2020 23:26

Instrument :

MSVOA_U

ClientSampleId :

C0AD5



Tot Ion:164 Resp: 13580

Ion Ratio Lower Upper

164 100

129 85.0 68.1 126.5

131 83.6 65.9 122.5

166 118.8 89.7 166.7

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

