

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037794.D
 Acq On : 18 Apr 2020 00:40
 Operator : JC/MD
 Sample : L2319-06
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD8

Quant Time: Apr 18 06:47:17 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	272441	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	260612	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129375	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81597	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.93	69	74443	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.59	63	111521	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.66	46	315340	55.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.40%
24) Chloroform-d	5.10	84	154865	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.74	65	94413	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.76	84	325832	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.72	67	113532	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.92	98	290643	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.20	79	44827	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.65	63	265320	50.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	88528	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	108259	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

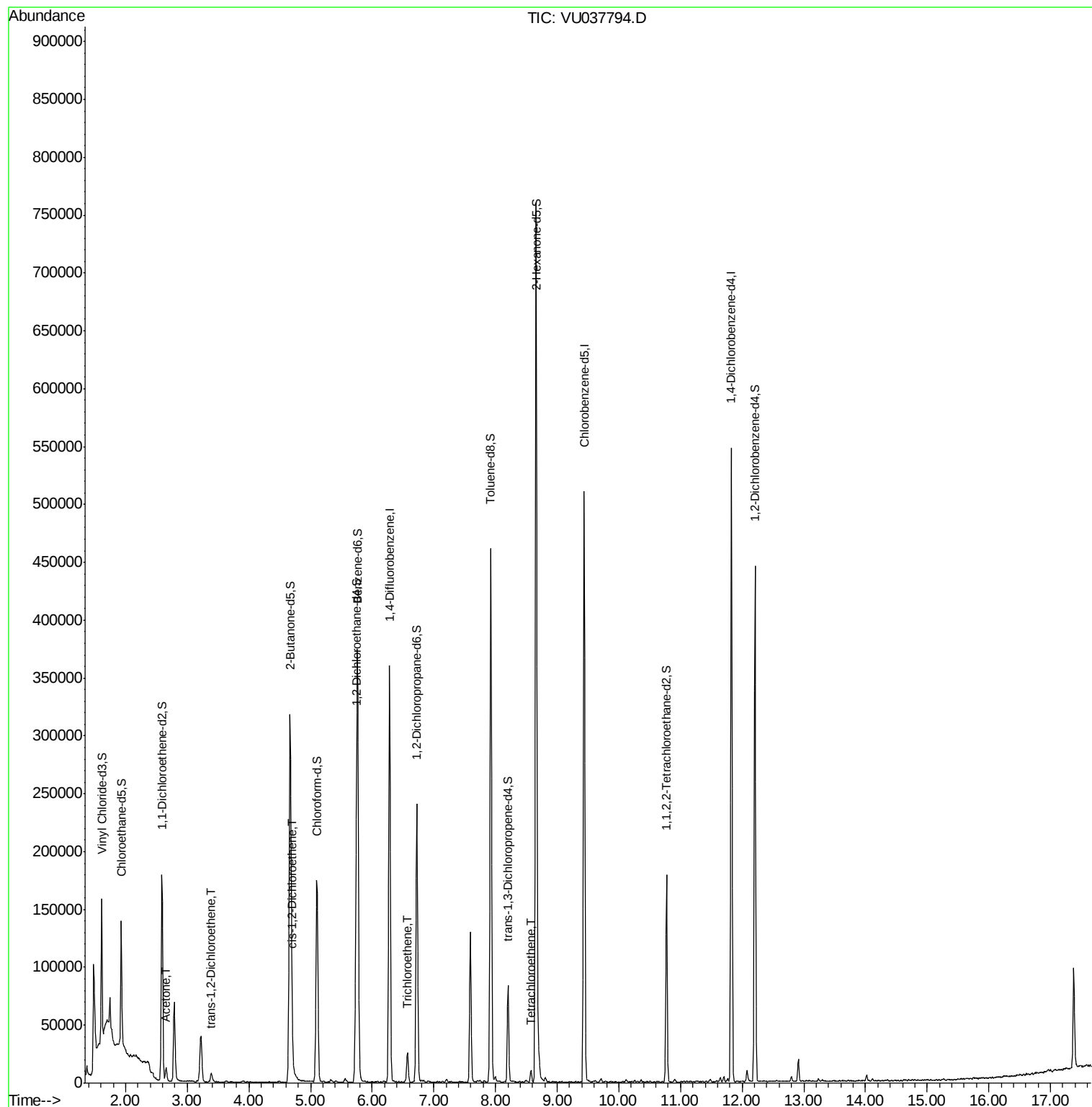
					Ovalue
13) Acetone	2.66	43	13899	3.723	ug/L 96
18) trans-1,2-Dichloroethene	3.39	96	2703	0.133	ug/L 89
22) cis-1,2-Dichloroethene	4.71	96	3973	0.180	ug/L 78
34) Trichloroethene	6.57	95	8477	0.401	ug/L 90
47) Tetrachloroethene	8.58	164	2008	0.132	ug/L 93

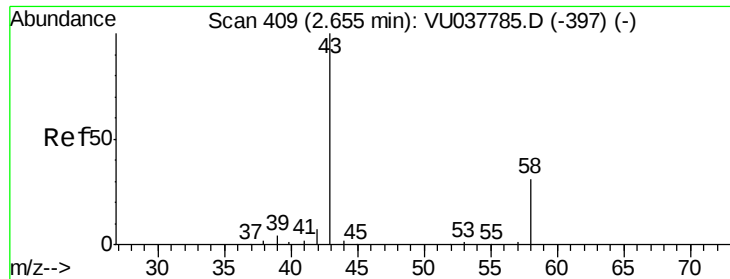
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.723 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037794.D

Acq: 18 Apr 2020 00:40

Instrument :

MSVOA_U

ClientSampleId :

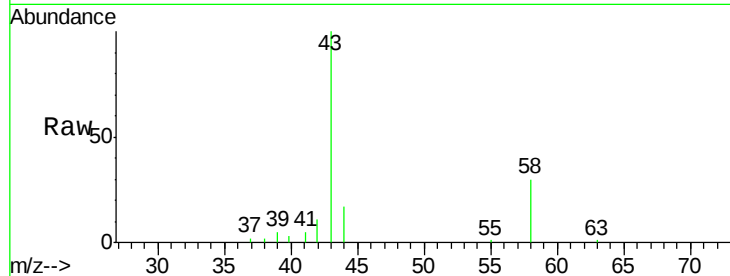
C0AD8

Tot Ion: 43 Resp: 13899

Ion Ratio Lower Upper

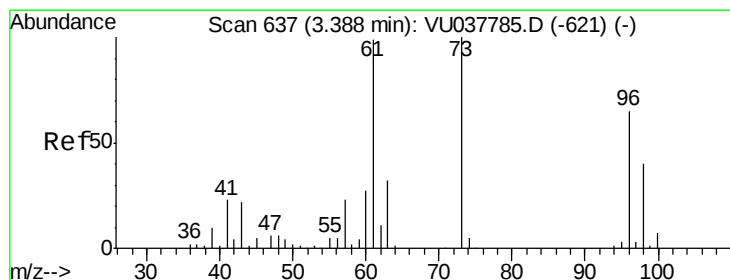
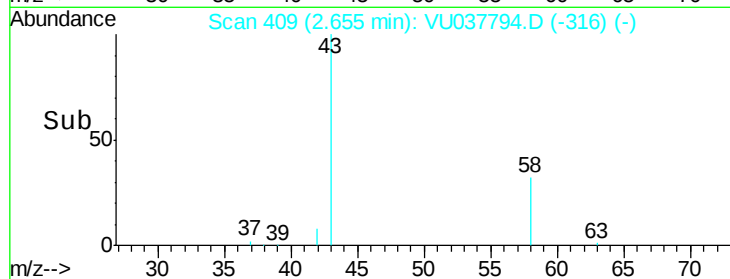
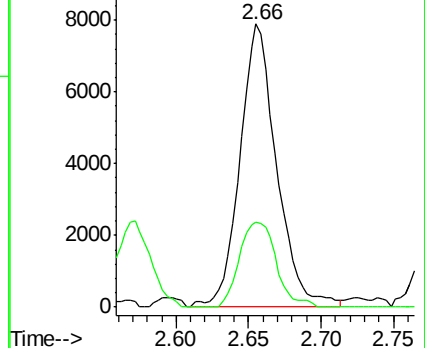
43 100

58 30.2 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037785.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU037785.D (-397) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.133 ug/L

RT: 3.39 min Scan# 638

Delta R.T. 0.00 min

Lab File: VU037794.D

Acq: 18 Apr 2020 00:40

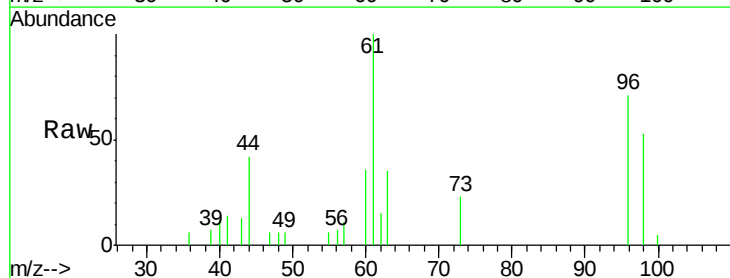
Tgt Ion: 96 Resp: 2703

Ion Ratio Lower Upper

96 100

61 141.1 106.7 198.3

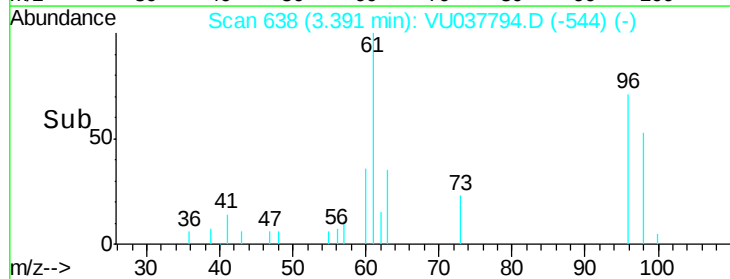
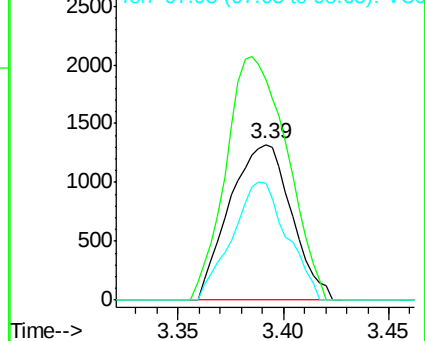
98 74.8 44.3 82.3

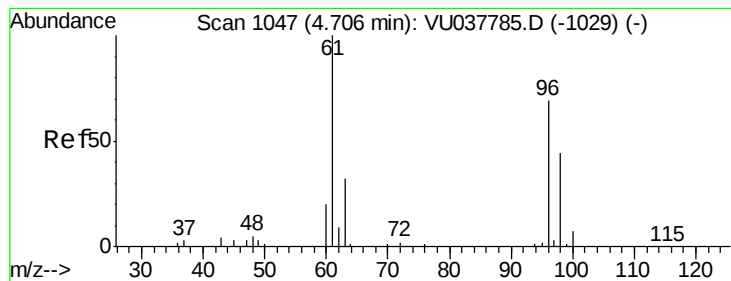


Abundance Ion 96.00 (95.70 to 96.70): VU037785.D (-621) (-)

Ion 61.05 (60.75 to 61.75): VU037785.D (-621) (-)

Ion 97.95 (97.65 to 98.65): VU037785.D (-621) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.180 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037794.D

Acq: 18 Apr 2020 00:40

Instrument :

MSVOA_U

ClientSampled :

C0AD8

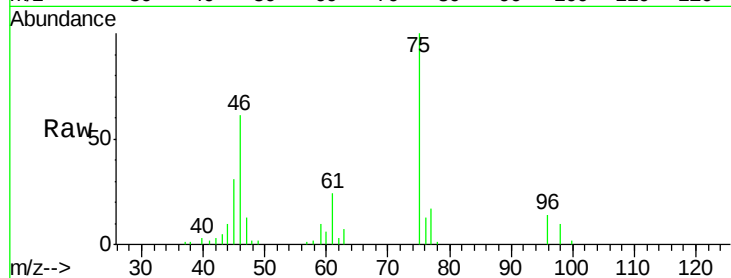
Tot Ion: 96 Resp: 3973

Ion Ratio Lower Upper

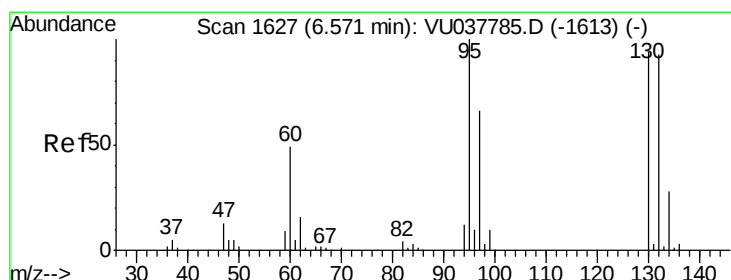
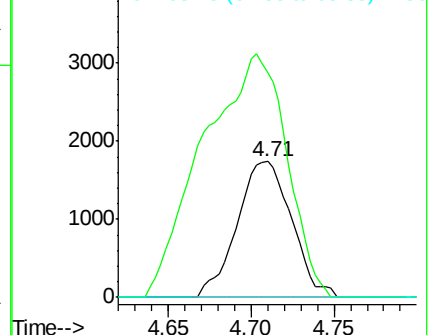
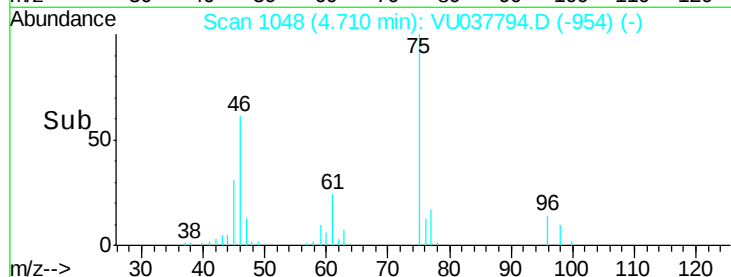
96 100

61 164.9 97.0 180.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037794.D (-954) (-)



#34

Trichloroethene

Concen: 0.401 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037794.D

Acq: 18 Apr 2020 00:40

Tgt Ion: 95 Resp: 8477

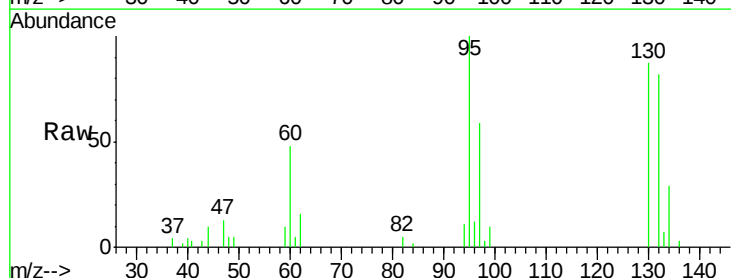
Ion Ratio Lower Upper

95 100

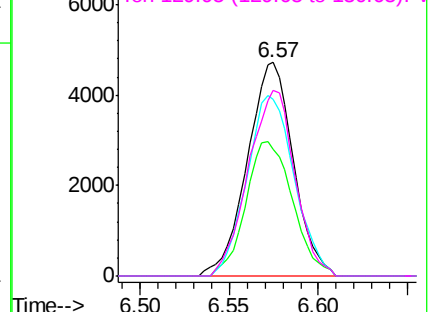
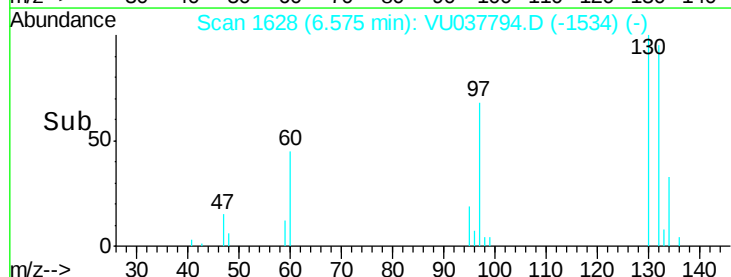
97 59.2 45.4 84.2

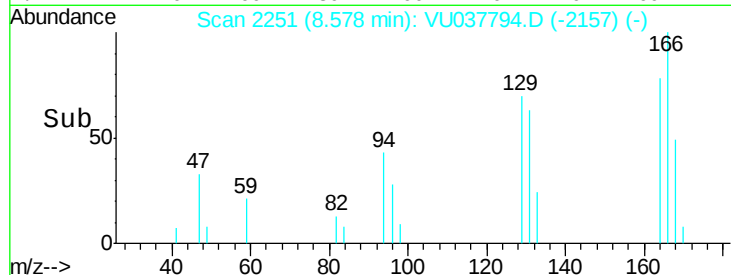
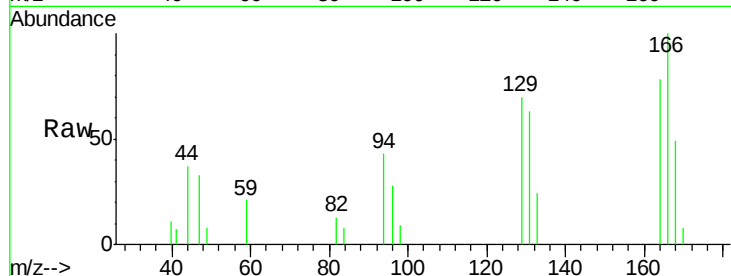
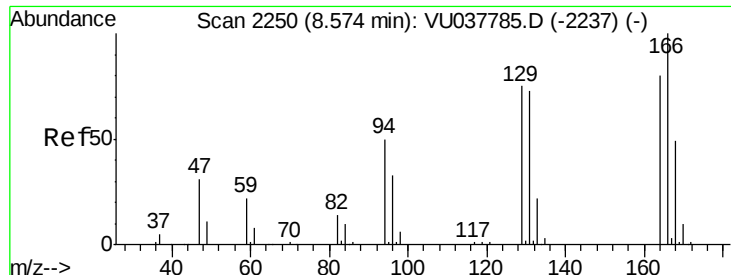
132 82.4 63.7 118.3

130 86.7 68.7 127.5



Abundance Ion 95.00 (94.70 to 95.70): VU037794.D (-1534) (-)





#47

Tetrachloroethene

Concen: 0.132 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU037794.D

Acq: 18 Apr 2020 00:40

Instrument :

MSVOA_U

ClientSampleId :

C0AD8

Tot Ion:164 Resp: 2008

Ion Ratio Lower Upper

164 100

129 89.9 68.1 126.5

131 81.0 65.9 122.5

166 129.0 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

