

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037709.D
 Acq On : 14 Apr 2020 19:52
 Operator : JC/MD
 Sample : L2275-09
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YACQ7

Quant Time: Apr 15 04:10:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 03:02:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	293293	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	280821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	135666	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115479	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.93	69	94863	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.59	63	144352	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.66	46	305903	50.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.38%
24) Chloroform-d	5.10	84	178290	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.74	65	100798	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.76	84	381914	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.72	67	125804	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.92	98	347692	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	8.20	79	52187	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.65	63	285235	50.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95862	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	124001	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

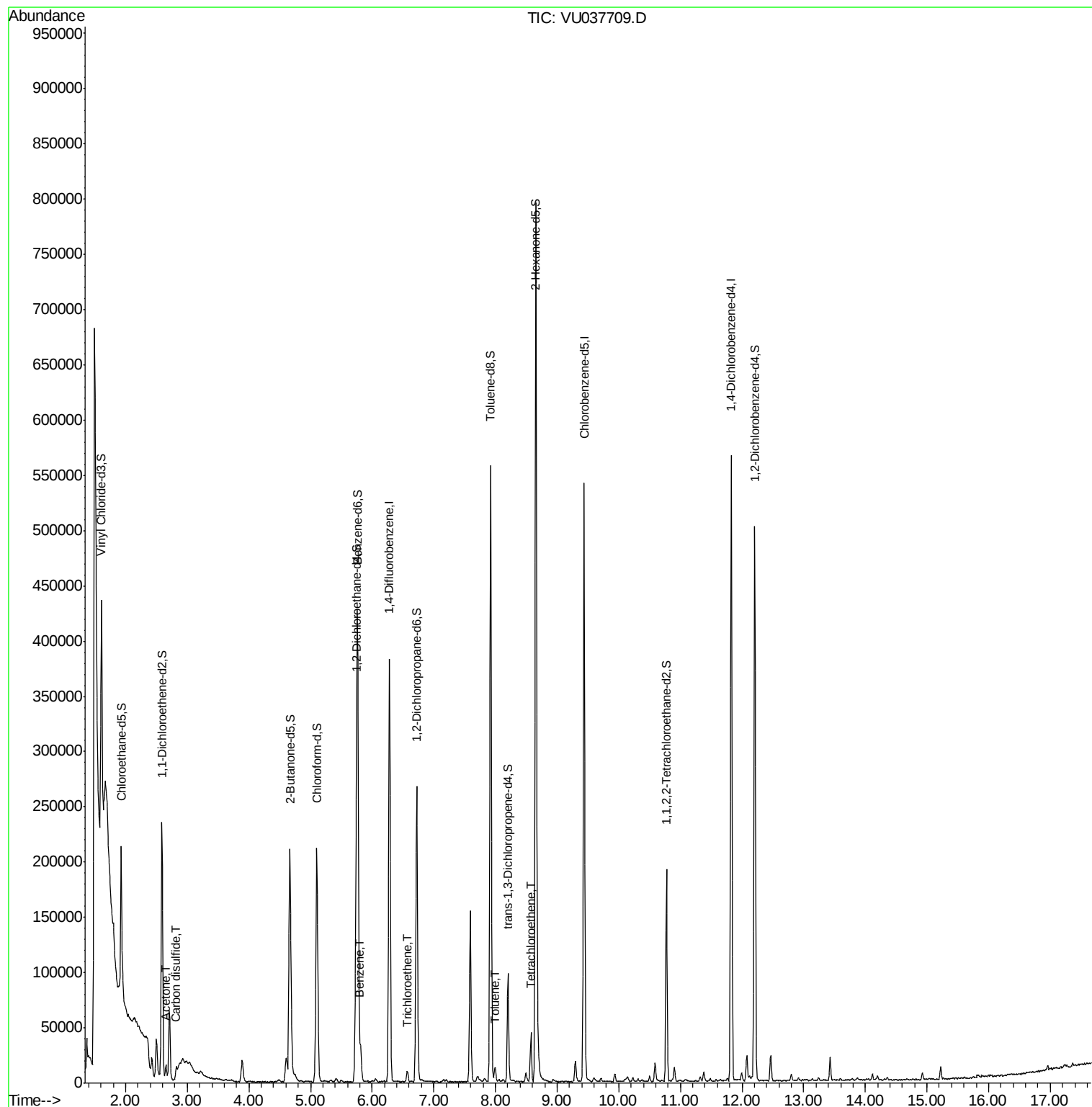
					Ovalue
13) Acetone	2.66	43	15326	3.814 ug/L	95
14) Carbon disulfide	2.82	76	18416	0.249 ug/L	97
33) Benzene	5.81	78	30771	0.332 ug/L	100
34) Trichloroethene	6.57	95	3523	0.155 ug/L	96
42) Toluene	7.99	91	8372	0.086 ug/L	96
47) Tetrachloroethene	8.57	164	9269	0.566 ug/L	94

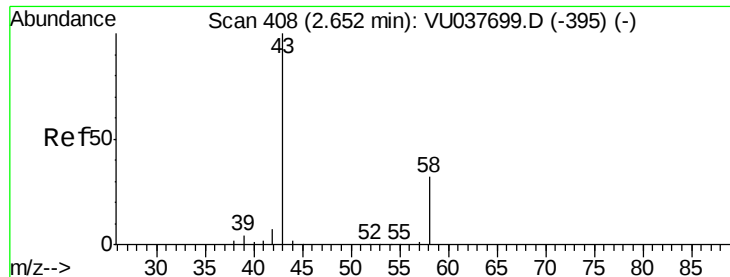
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.814 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037709.D

Acq: 14 Apr 2020 19:52

Instrument :

MSVOA_U

ClientSampleId :

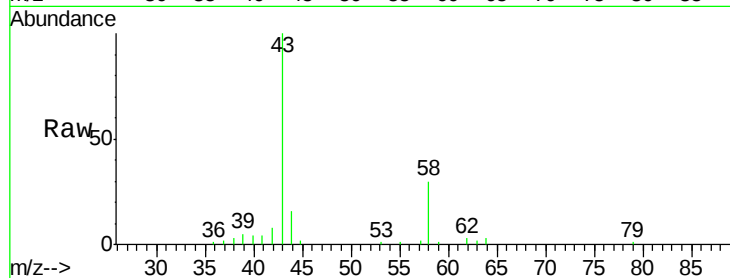
YAQC7

Tot Ion: 43 Resp: 15326

Ion Ratio Lower Upper

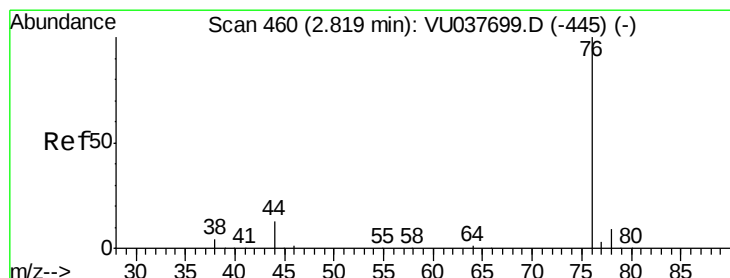
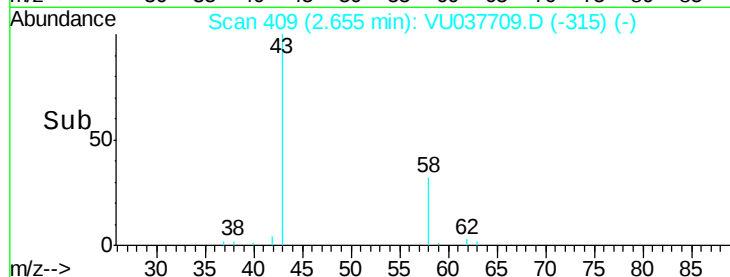
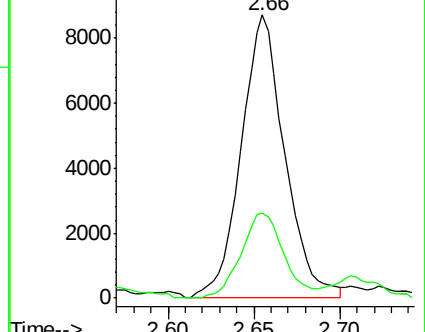
43 100

58 29.6 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037709.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU037709.D (-315) (-)



#14

Carbon disulfide

Concen: 0.249 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU037709.D

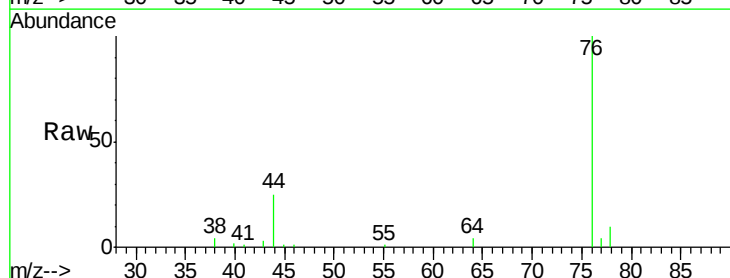
Acq: 14 Apr 2020 19:52

Tgt Ion: 76 Resp: 18416

Ion Ratio Lower Upper

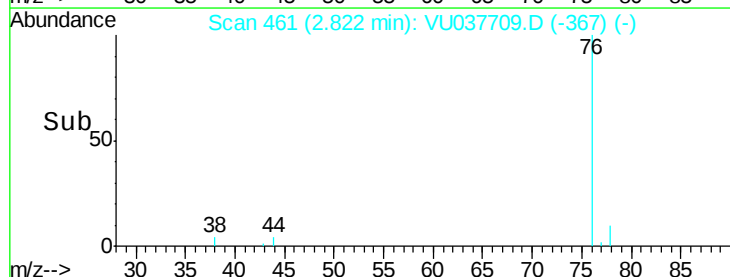
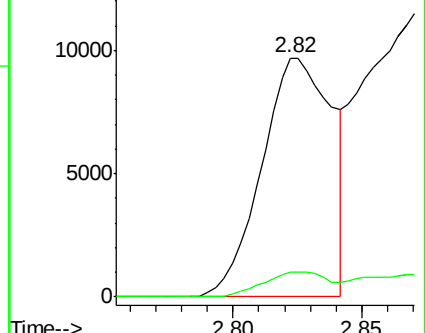
76 100

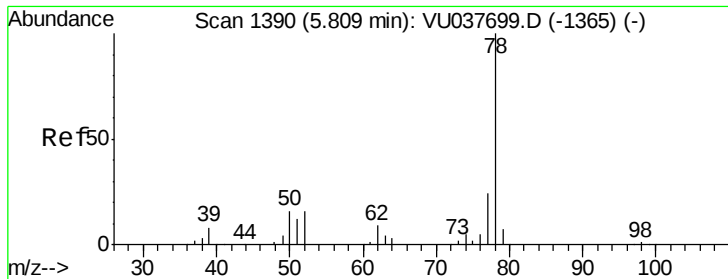
78 10.1 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VU037709.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU037709.D (-367) (-)





#33

Benzene

Concen: 0.332 ug/L

RT: 5.81 min Scan# 1390

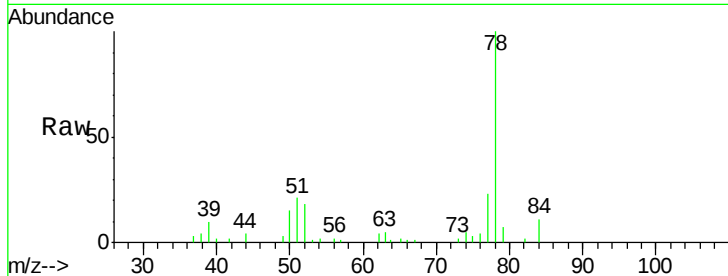
Delta R.T. -0.00 min

Lab File: VU037709.D

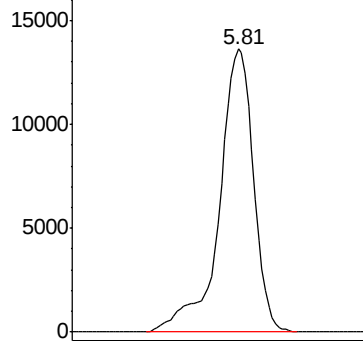
Acq: 14 Apr 2020 19:52

Instrument :
MSVOA_U
ClientSampleId :
YAQC7

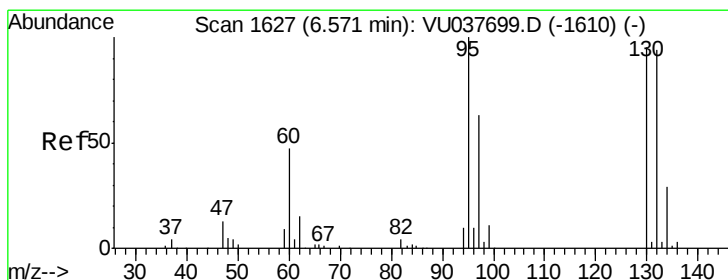
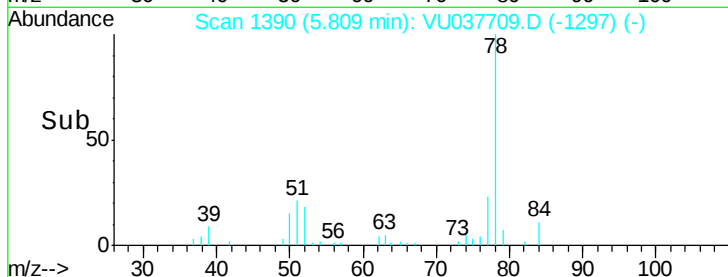
Tgt Ion: 78 Resp: 30771



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#34

Trichloroethene

Concen: 0.155 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037709.D

Acq: 14 Apr 2020 19:52

Tgt Ion: 95 Resp: 3523

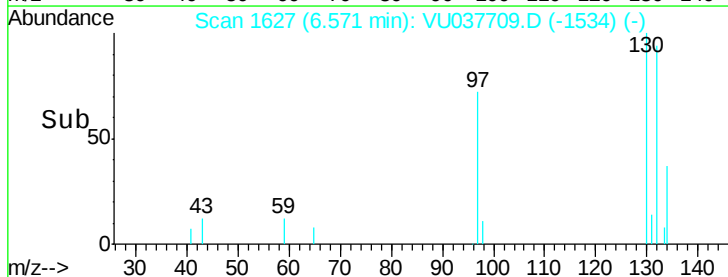
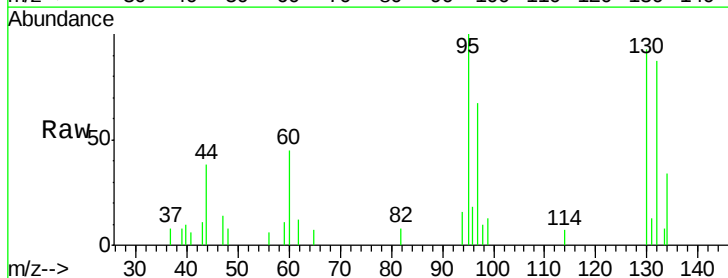
Ion	Ratio	Lower	Upper
95	100		
97	67.5	45.4	84.2
132	87.5	63.7	118.3
130	93.2	68.7	127.5

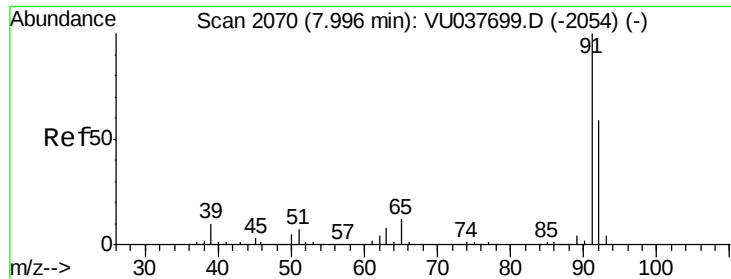
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 0.086 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU037709.D

Acq: 14 Apr 2020 19:52

Instrument :

MSVOA_U

ClientSampleId :

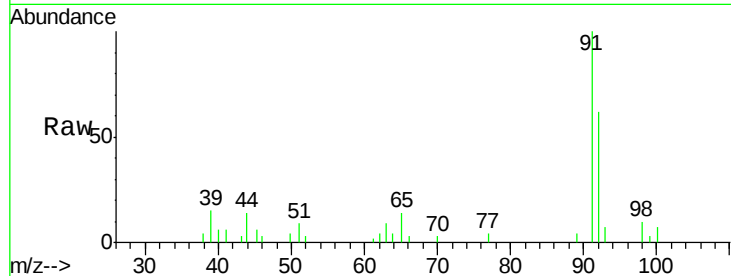
YAQC7

Tot Ion: 91 Resp: 8372

Ion Ratio Lower Upper

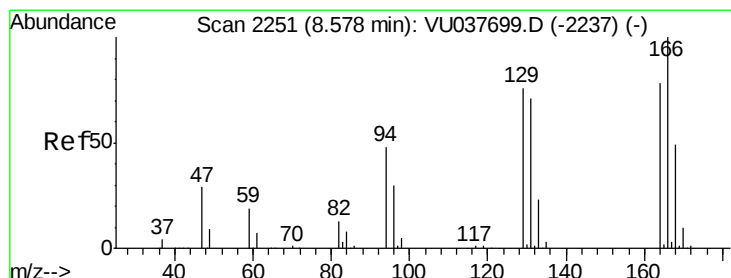
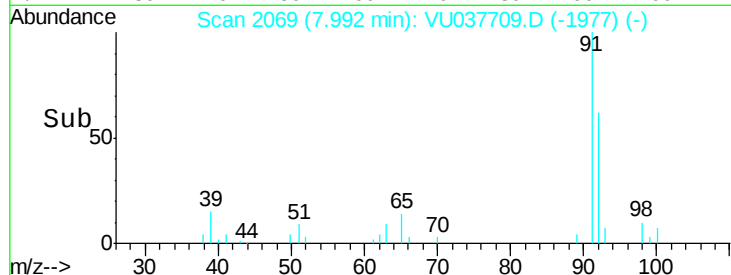
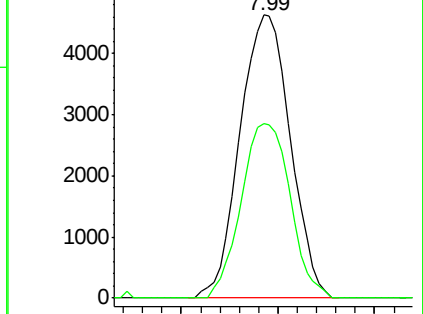
91 100

92 61.8 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VU037709.D (-1977) (-)

Ion 92.15 (91.85 to 92.85): VU037709.D (-1977) (-)



#47

Tetrachloroethene

Concen: 0.566 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037709.D

Acq: 14 Apr 2020 19:52

Tgt Ion: 164 Resp: 9269

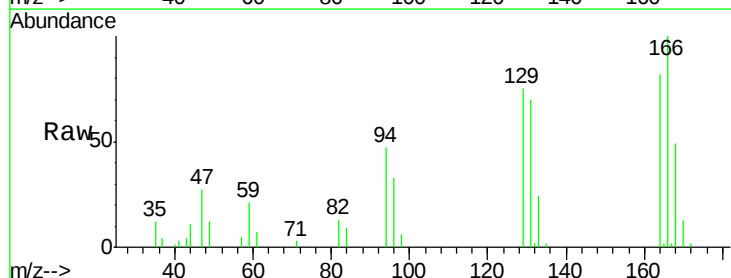
Ion Ratio Lower Upper

164 100

129 91.4 68.1 126.5

131 85.7 65.9 122.5

166 122.2 89.7 166.7



Abundance Ion 163.90 (163.60 to 164.60): VU037709.D (-2158) (-)

Ion 128.95 (128.65 to 129.65): VU037709.D (-2158) (-)

Ion 130.95 (130.65 to 131.65): VU037709.D (-2158) (-)

Ion 165.90 (165.60 to 166.60): VU037709.D (-2158) (-)

