

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042020\
 Data File : VU037809.D
 Acq On : 20 Apr 2020 13:20
 Operator : JC/MD
 Sample : L2319-04
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD6

Quant Time: Apr 21 01:39:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 01:10:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	275265	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	269207	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	133513	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	70875	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.93	69	69557	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.59	63	100026	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	4.66	46	317370	55.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.96%
24) Chloroform-d	5.10	84	149376	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.74	65	90090	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.76	84	308701	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.72	67	105806	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.92	98	276455	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.20	79	44563	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.65	63	268869	49.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	88223	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	106752	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

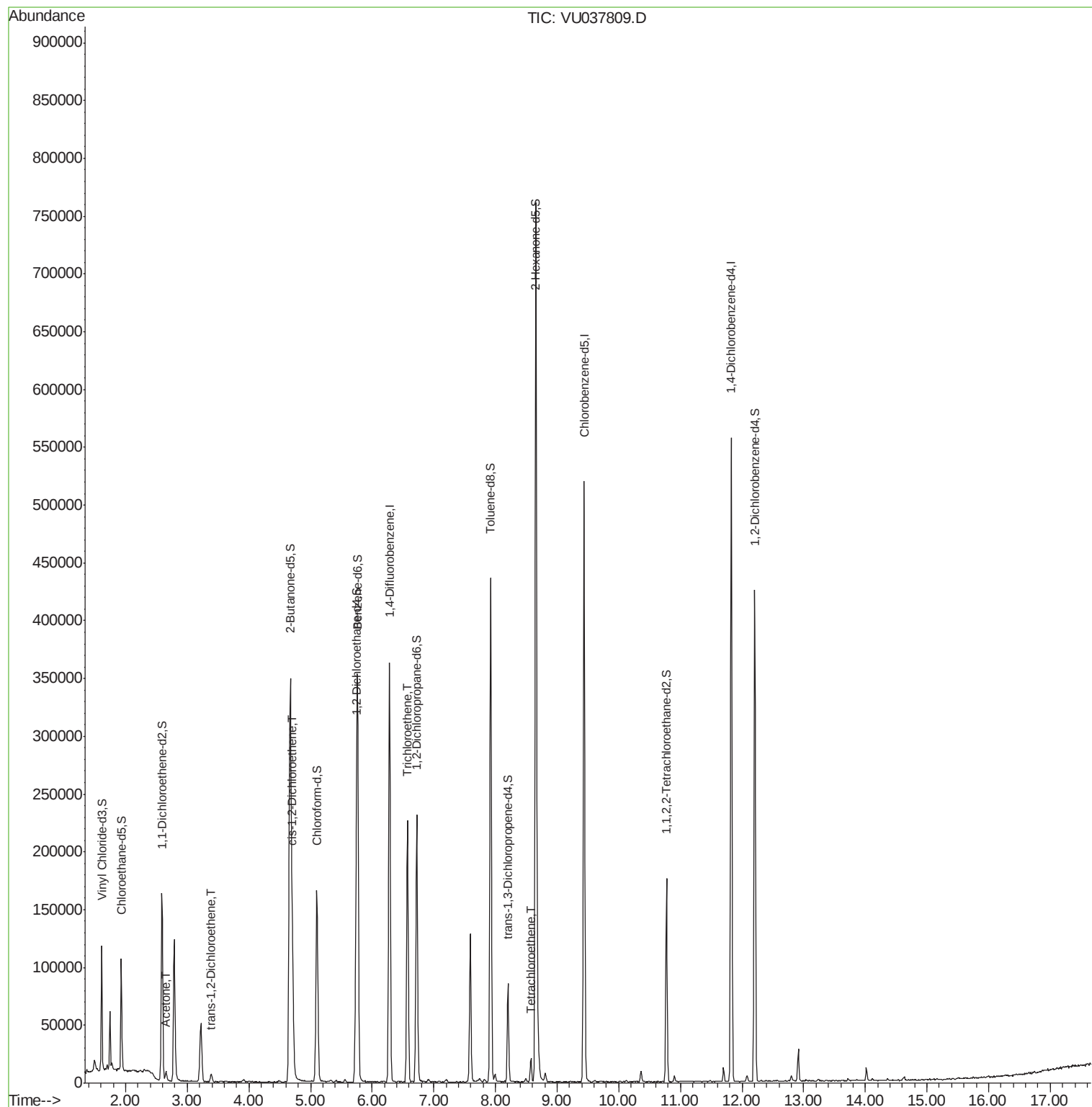
					Ovalue
13) Acetone	2.66	43	9949	2.638	ug/L 97
18) trans-1,2-Dichloroethene	3.38	96	2698	0.131	ug/L 92
22) cis-1,2-Dichloroethene	4.71	96	43053	1.935	ug/L 97
34) Trichloroethene	6.57	95	74294	3.399	ug/L 98
47) Tetrachloroethene	8.57	164	4412	0.281	ug/L 92

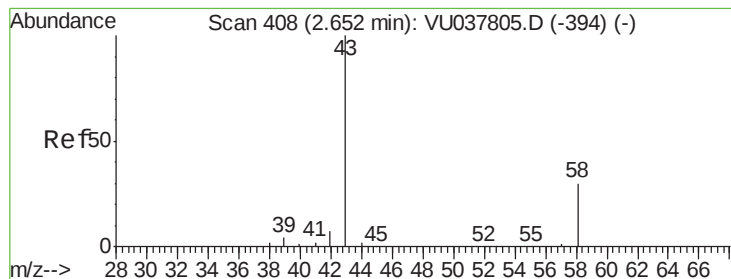
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.638 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037809.D

Acq: 20 Apr 2020 13:20

Instrument :

MSVOA_U

ClientSampleId :

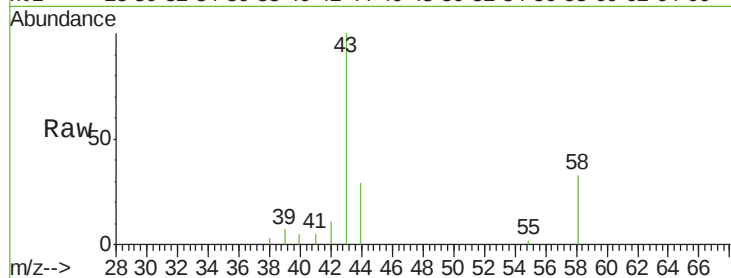
C0AD6

Tot Ion: 43 Resp: 9949

Ion Ratio Lower Upper

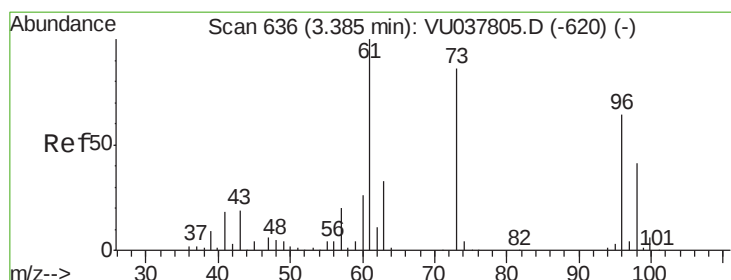
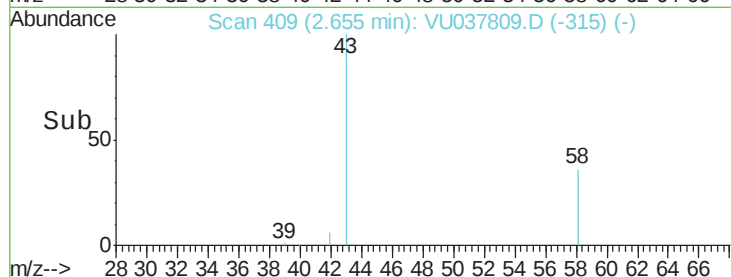
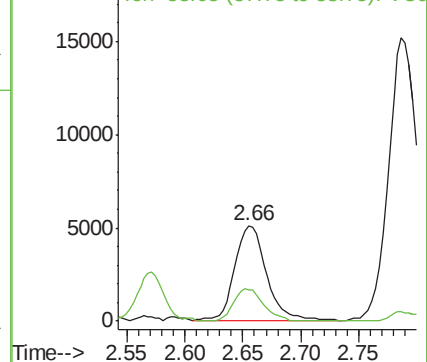
43 100

58 30.9 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037809.D (-394) (-)

Ion 58.05 (57.75 to 58.75): VU037809.D (-394) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.131 ug/L

RT: 3.38 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU037809.D

Acq: 20 Apr 2020 13:20

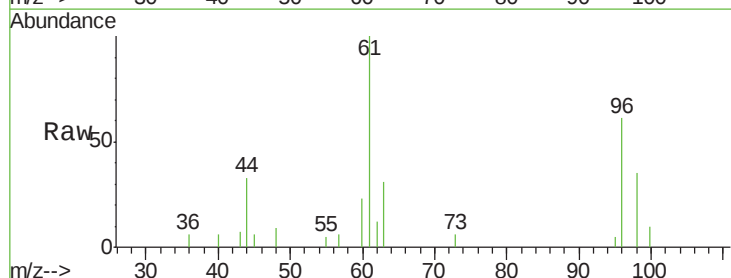
Tgt Ion: 96 Resp: 2698

Ion Ratio Lower Upper

96 100

61 163.4 106.7 198.3

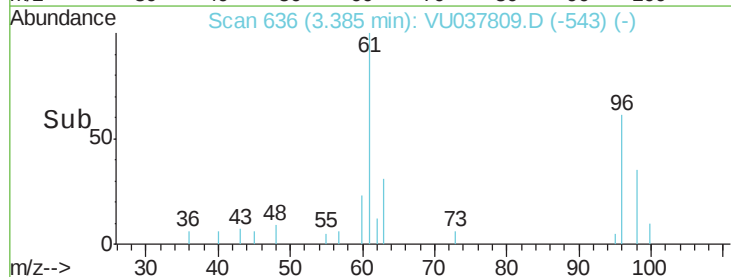
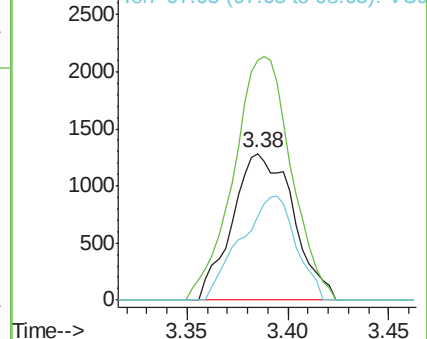
98 57.1 44.3 82.3

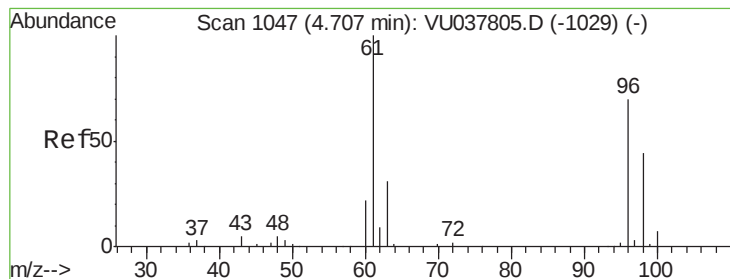


Abundance Ion 96.00 (95.70 to 96.70): VU037809.D (-543) (-)

Ion 61.05 (60.75 to 61.75): VU037809.D (-543) (-)

Ion 97.95 (97.65 to 98.65): VU037809.D (-543) (-)





#22

cis-1,2-Dichloroethene

Concen: 1.935 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037809.D

Acq: 20 Apr 2020 13:20

Instrument :

MSVOA_U

ClientSampleId :

C0AD6

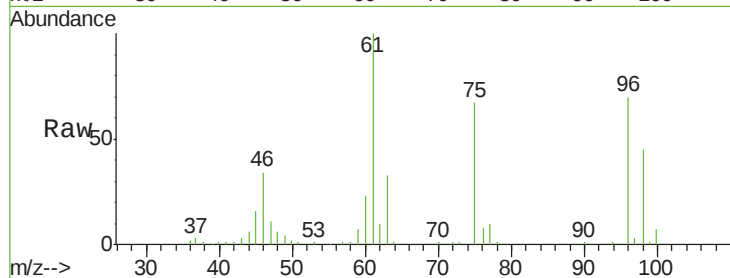
Tot Ion: 96 Resp: 43053

Ion Ratio Lower Upper

96 100

61 142.1 97.0 180.2

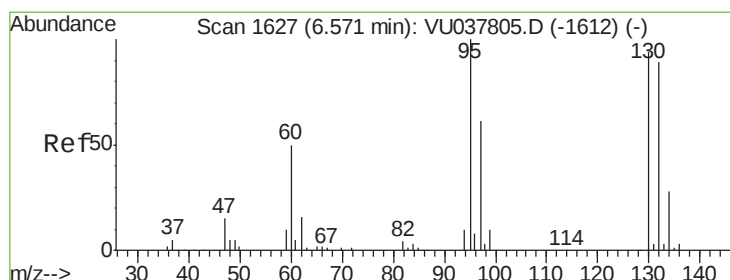
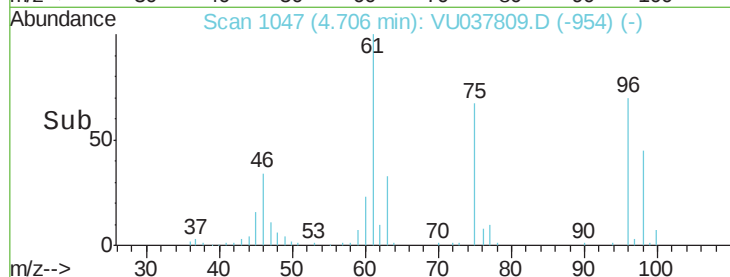
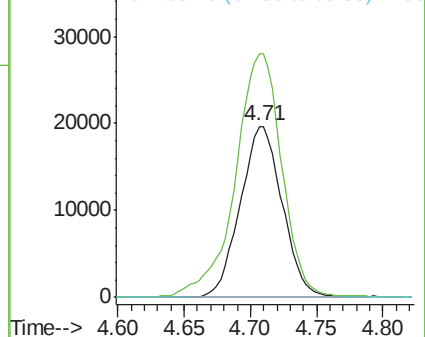
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037809.D (-1534) (-)

Ion 61.05 (60.75 to 61.75): VU037809.D (-1534) (-)

Ion 68.15 (67.85 to 68.85): VU037809.D (-1534) (-)



#34

Trichloroethene

Concen: 3.399 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037809.D

Acq: 20 Apr 2020 13:20

Tgt Ion: 95 Resp: 74294

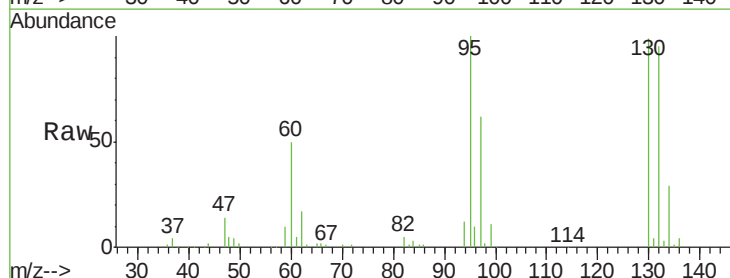
Ion Ratio Lower Upper

95 100

97 62.4 45.4 84.2

132 94.6 63.7 118.3

130 98.7 68.7 127.5

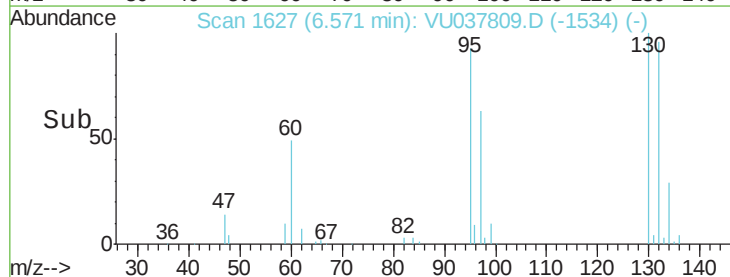
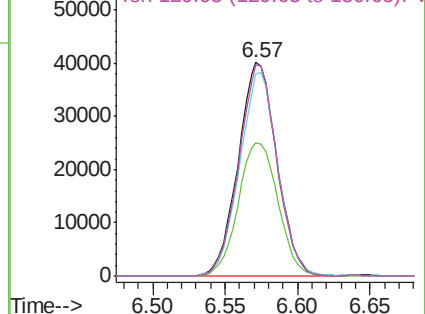


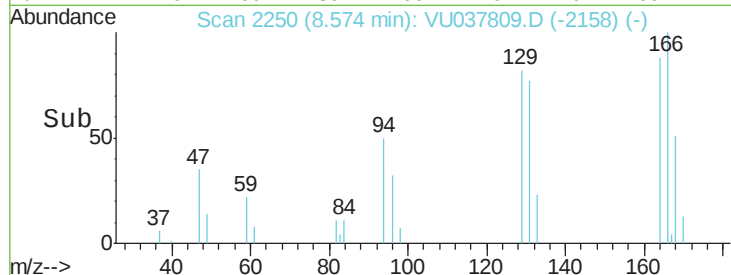
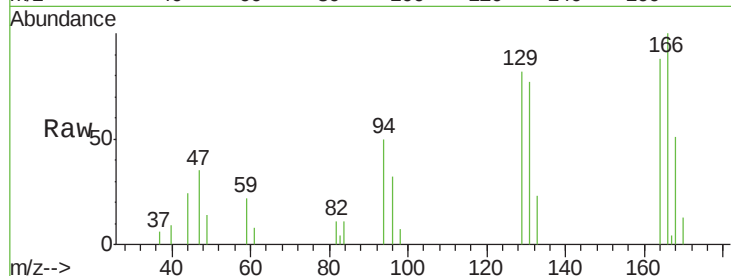
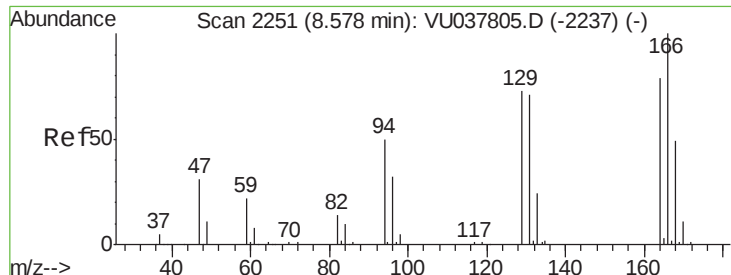
Abundance Ion 95.00 (94.70 to 95.70): VU037809.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU037809.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU037809.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU037809.D (-1534) (-)





#47

Tetrachloroethene

Concen: 0.281 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037809.D

Acq: 20 Apr 2020 13:20

Instrument :

MSVOA_U

ClientSampleId :

C0AD6

Tot Ion:164 Resp: 4412

Ion Ratio Lower Upper

164 100

129 94.0 68.1 126.5

131 88.1 65.9 122.5

166 114.3 89.7 166.7

Abundance Ion 163.90 (163.60 to 164.60): V

5000 Ion 128.95 (128.65 to 129.65): V

4000 Ion 130.95 (130.65 to 131.65): V

3000 Ion 165.90 (165.60 to 166.60): V

