

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037636.D
 Acq On : 09 Apr 2020 22:10
 Operator : JC/MD
 Sample : L1885-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 03:16:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 03:10:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	517798	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	487989	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	236495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	197847	43.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.42%
7) Chloroethane-d5	1.93	69	173473	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.84%
11) 1,1-Dichloroethene-d2	2.59	63	260551	35.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.64%
21) 2-Butanone-d5	4.66	46	375884	102.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.49%
24) Chloroform-d	5.10	84	338578	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
26) 1,2-Dichloroethane-d4	5.74	65	236173	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.22%
32) Benzene-d6	5.76	84	724106	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
36) 1,2-Dichloropropane-d6	6.72	67	242293	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.40%
41) Toluene-d8	7.92	98	647198	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%
43) trans-1,3-Dichloropropene-	8.20	79	124759	48.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.58%
47) 2-Hexanone-d5	8.65	63	278541	101.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	339169	50.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.48%
64) 1,2-Dichlorobenzene-d4	12.20	152	240535	48.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.74%

Target Compounds

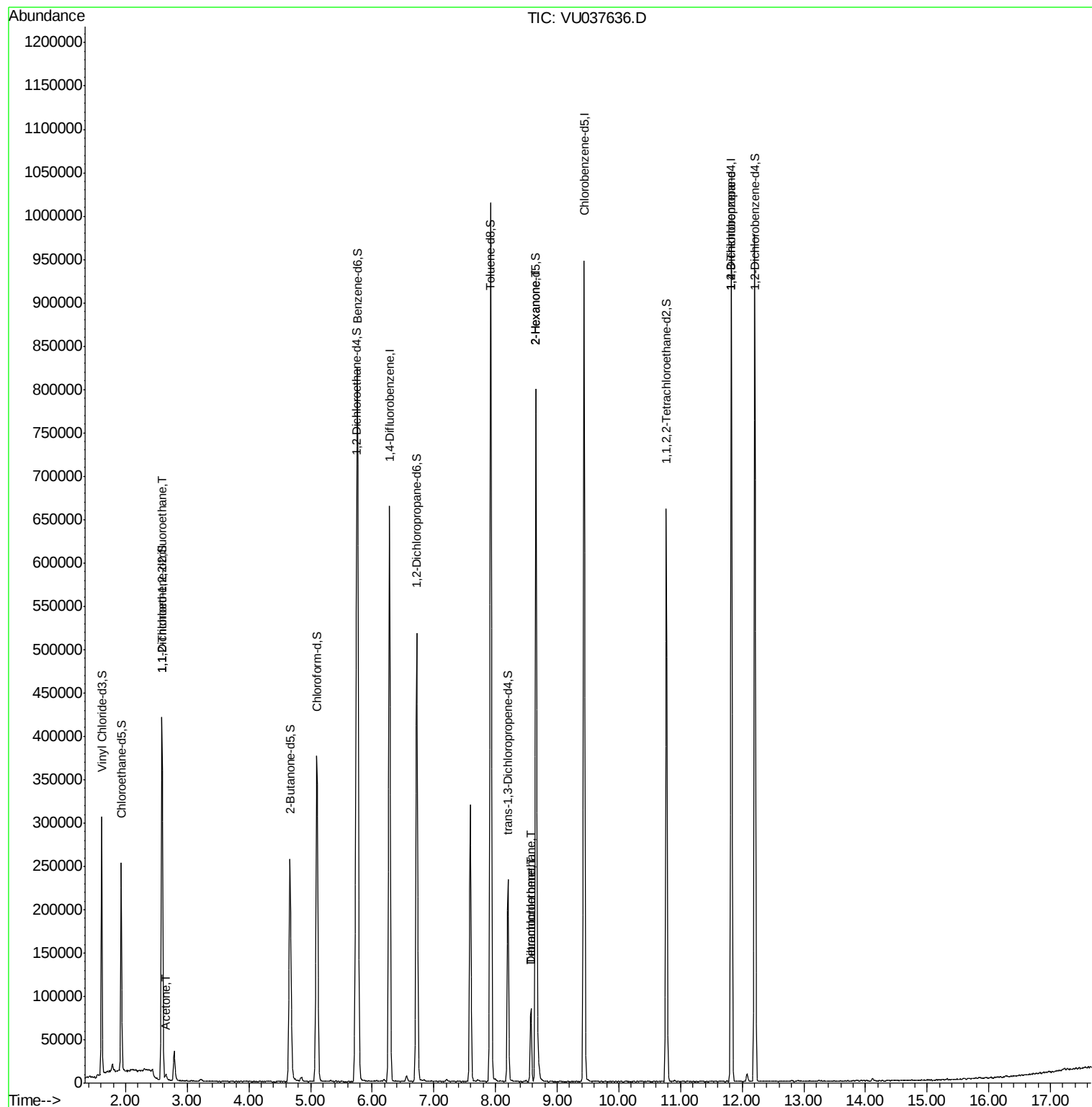
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2376	0.728	ug/L #	23
13) Acetone	2.66	43	6521	3.011	ug/L	100
46) Tetrachloroethene	8.57	164	17905	6.583	ug/L	95
48) 2-Hexanone	8.65	43	32463	5.673	ug/L #	70
49) Dibromochloromethane	8.57	129	18233	4.670	ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	31818	5.740	ug/L	91

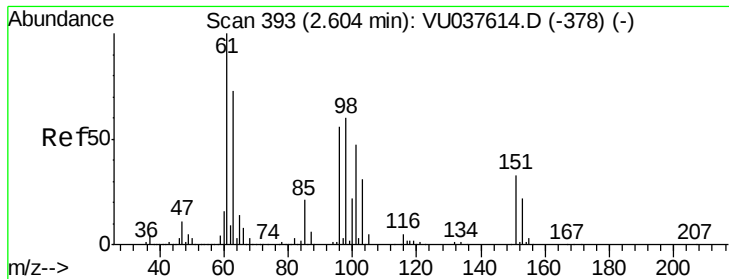
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 10 03:10:48 2020
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.728 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037636.D

Acq: 09 Apr 2020 22:10

Instrument :

MSVOA_U

ClientSampleId :

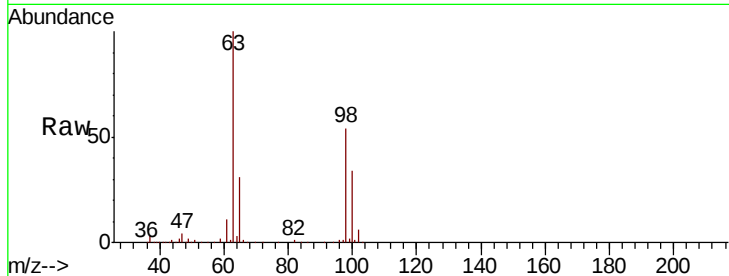
Tot Ion:101 Resp: 2376

Ion Ratio Lower Upper

101 100

85 2.8 34.5 51.7#

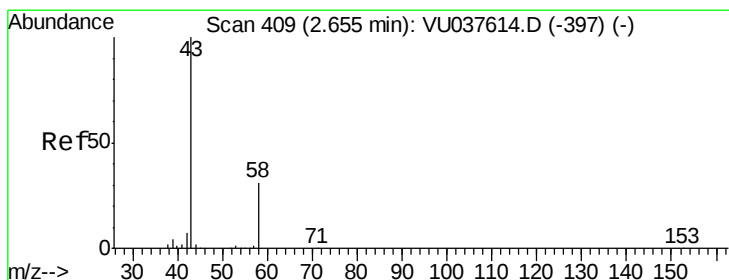
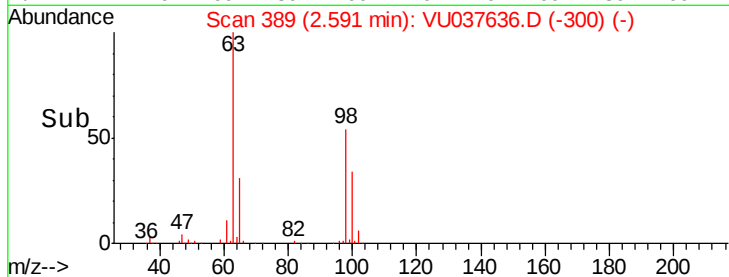
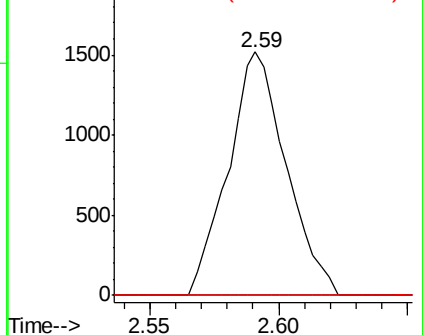
151 0.0 56.8 85.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.011 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037636.D

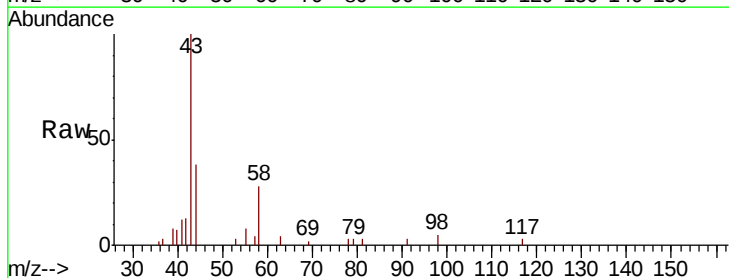
Acq: 09 Apr 2020 22:10

Tgt Ion: 43 Resp: 6521

Ion Ratio Lower Upper

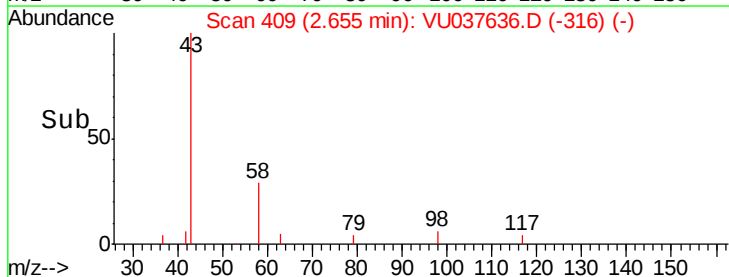
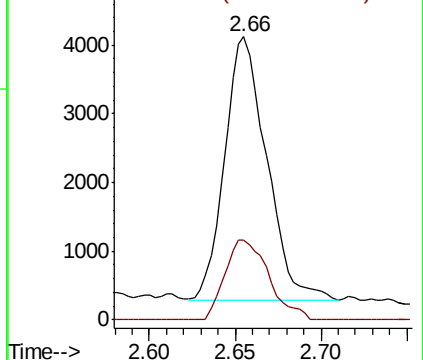
43 100

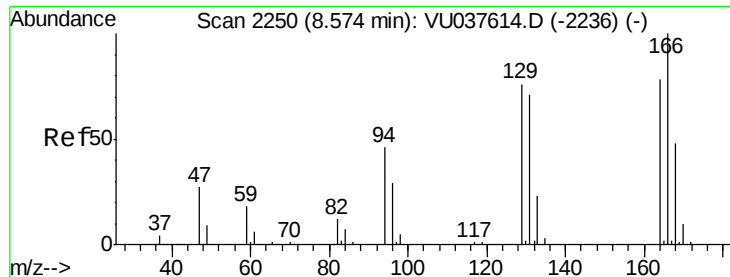
58 31.8 0.0 63.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#46

Tetrachloroethene

Concen: 6.583 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU037636.D

Acq: 09 Apr 2020 22:10

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 17905

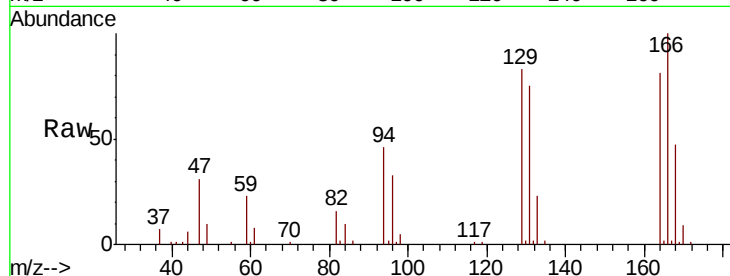
Ion Ratio Lower Upper

164 100

129 102.4 68.0 126.2

131 92.7 65.8 122.2

166 122.8 92.0 170.9

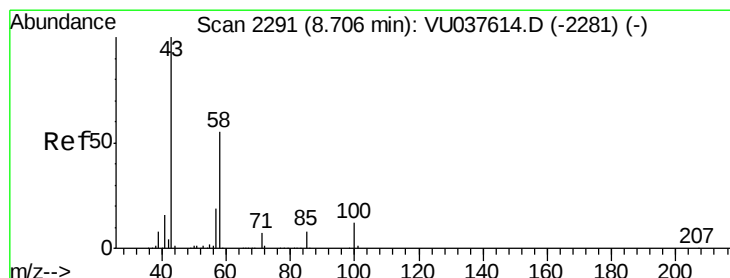
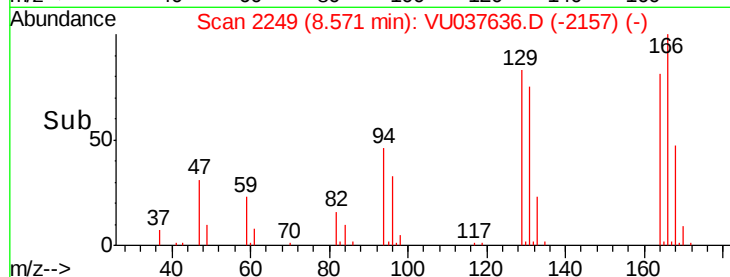
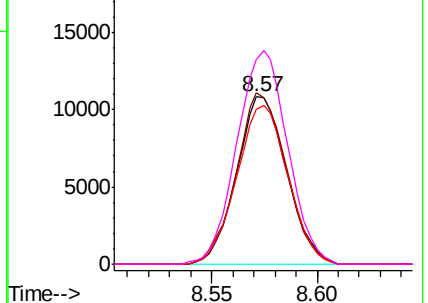


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.673 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU037636.D

Acq: 09 Apr 2020 22:10

Tgt Ion: 43 Resp: 32463

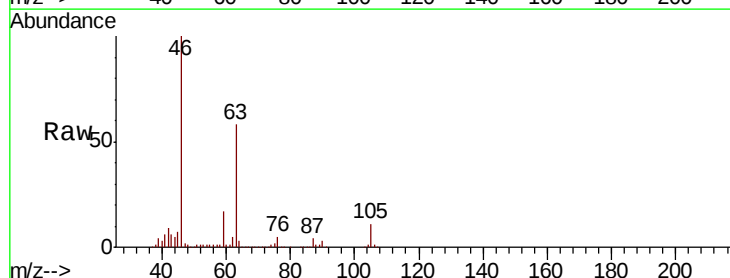
Ion Ratio Lower Upper

43 100

58 28.8 44.0 66.0#

57 23.6 15.2 22.8#

100 0.0 9.4 14.0#

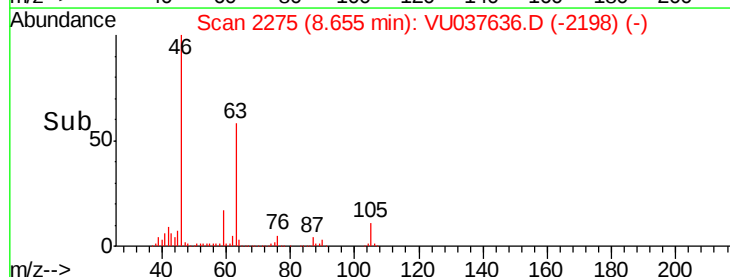
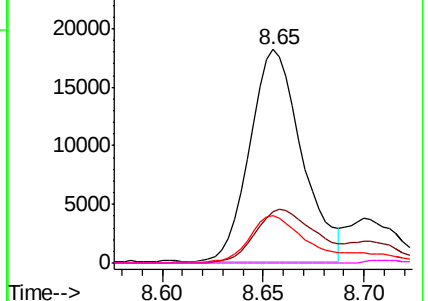


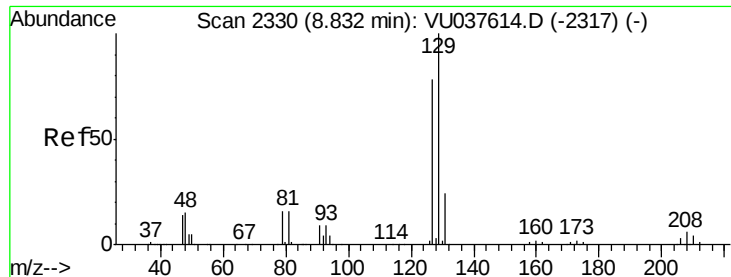
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

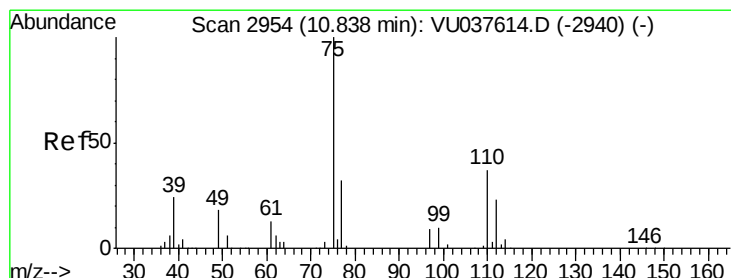
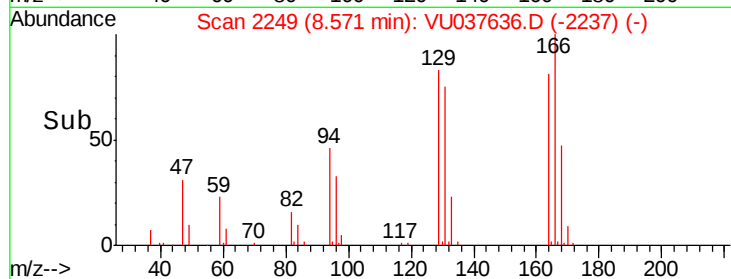
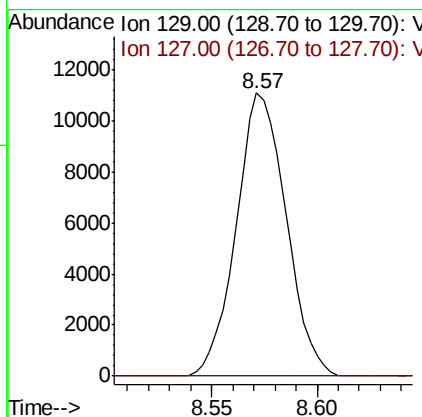
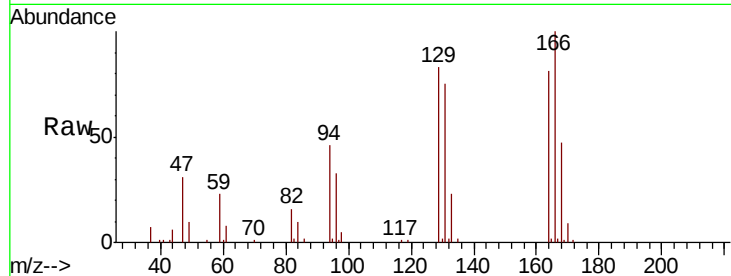




#49
 Dibromochloromethane
 Concen: 4.670 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.26 min
 Lab File: VU037636.D
 Acq: 09 Apr 2020 22:10

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:129 Resp: 18233
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.2 102.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.740 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037636.D
 Acq: 09 Apr 2020 22:10

Tgt Ion: 75 Resp: 31818
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.6 38.4

