

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037633.D
 Acq On : 09 Apr 2020 21:02
 Operator : JC/MD
 Sample : L1885-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 03:16:01 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	534915	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	506491	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	246382	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	206330	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.24%
7) Chloroethane-d5	1.93	69	176663	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.50%
11) 1,1-Dichloroethene-d2	2.59	63	268652	35.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.50%
21) 2-Butanone-d5	4.66	46	388377	102.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.51%
24) Chloroform-d	5.10	84	344277	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
26) 1,2-Dichloroethane-d4	5.74	65	240747	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
32) Benzene-d6	5.76	84	744303	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
36) 1,2-Dichloropropane-d6	6.72	67	252884	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.96%
41) Toluene-d8	7.92	98	672321	48.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.32%
43) trans-1,3-Dichloropropene-	8.20	79	128826	48.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.10%
47) 2-Hexanone-d5	8.65	63	286874	101.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	349924	49.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.88%
64) 1,2-Dichlorobenzene-d4	12.20	152	248369	48.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.88%

Target Compounds

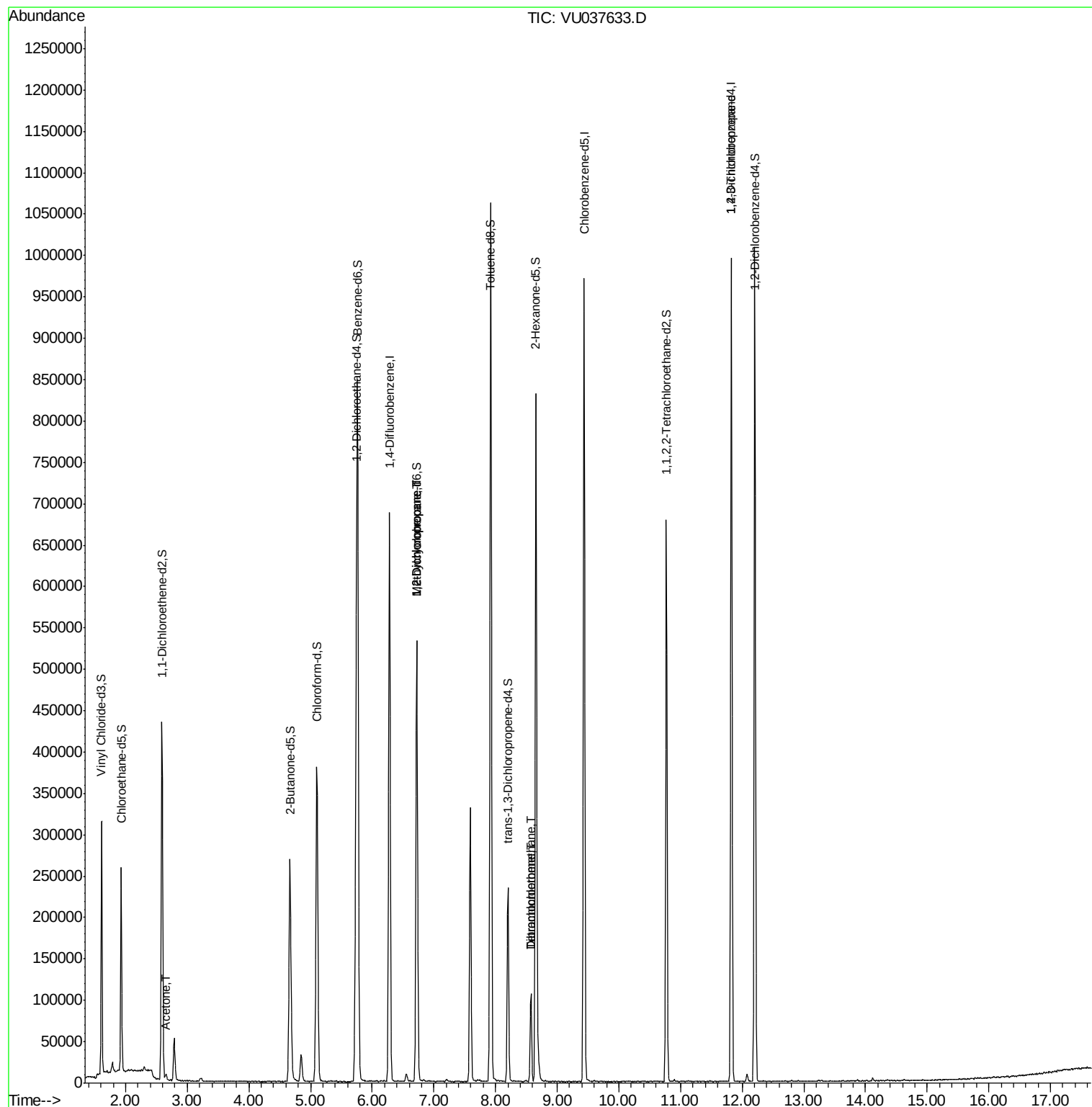
					Ovalue
13) Acetone	2.65	43	8317	3.717 ug/L	99
35) Methylcyclohexane	6.72	83	55790	8.287 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	26481	6.252 ug/L #	87
46) Tetrachloroethene	8.57	164	22249	7.881 ug/L	94
49) Dibromochloromethane	8.57	129	21778	5.374 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	32366	5.625 ug/L	91

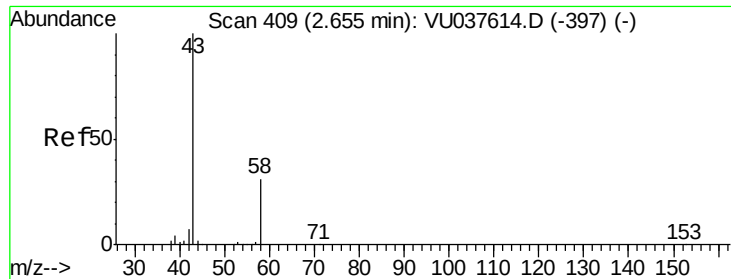
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 10 03:10:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.717 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU037633.D

Acq: 09 Apr 2020 21:02

Instrument :

MSVOA_U

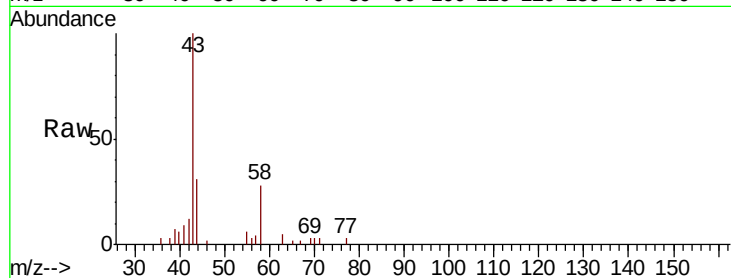
ClientSampled :

Tot Ion: 43 Resp: 8317

Ion Ratio Lower Upper

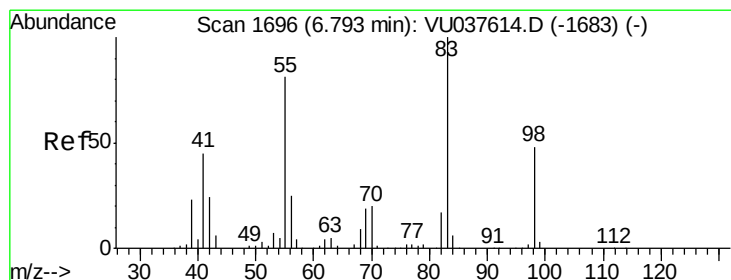
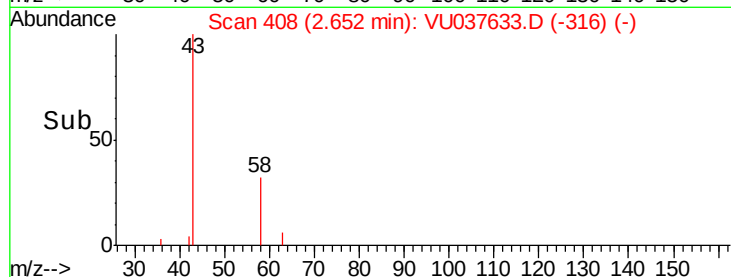
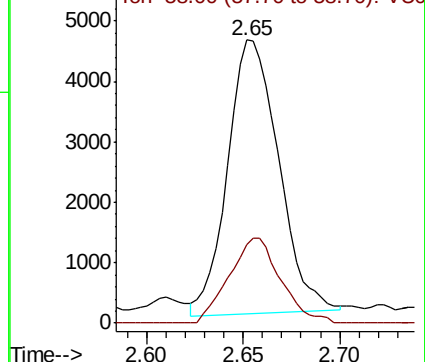
43 100

58 31.1 0.0 63.2



Abundance Ion 43.00 (42.70 to 43.70): VU037614.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037614.D (-397) (-)



#35

Methylcyclohexane

Concen: 8.287 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037633.D

Acq: 09 Apr 2020 21:02

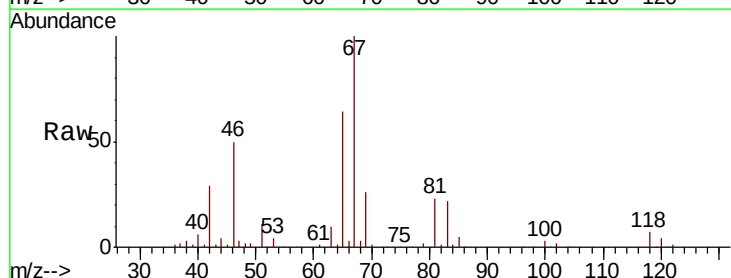
Tgt Ion: 83 Resp: 55790

Ion Ratio Lower Upper

83 100

55 0.3 64.6 96.8#

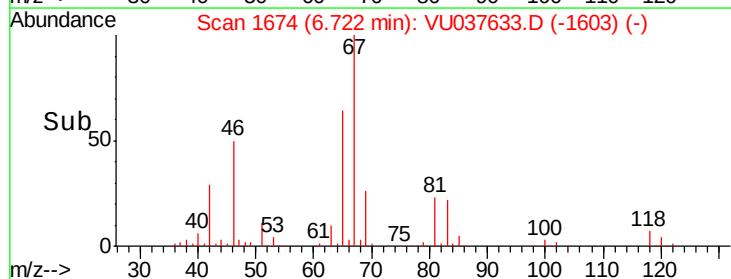
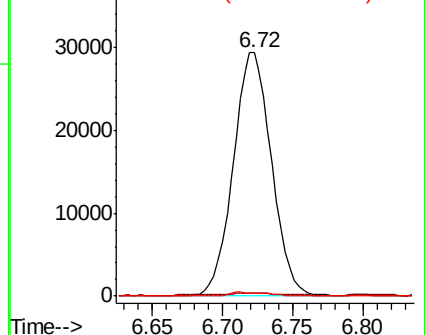
98 0.8 38.0 57.0#

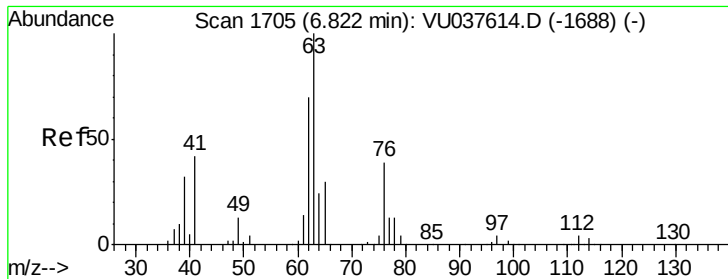


Abundance Ion 83.00 (82.70 to 83.70): VU037614.D (-1683) (-)

Ion 55.00 (54.70 to 55.70): VU037614.D (-1683) (-)

Ion 98.00 (97.70 to 98.70): VU037614.D (-1683) (-)





#37

1,2-Dichloropropane

Concen: 6.252 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037633.D

Acq: 09 Apr 2020 21:02

Instrument :

MSVOA_U

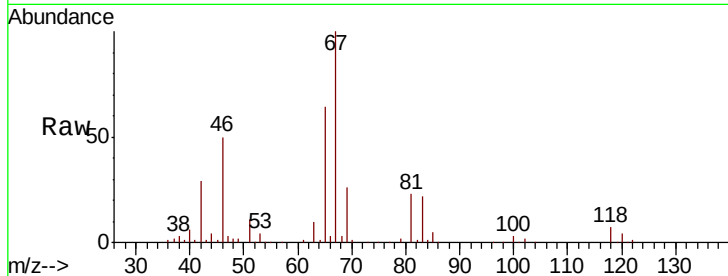
ClientSampleId :

Tot Ion: 63 Resp: 26481

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VU037614.D (-1688) (-)

Ion 112.00 (111.70 to 112.70): VU037614.D (-1688) (-)

6.72

15000

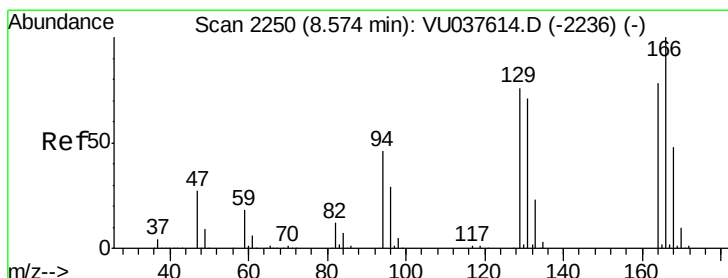
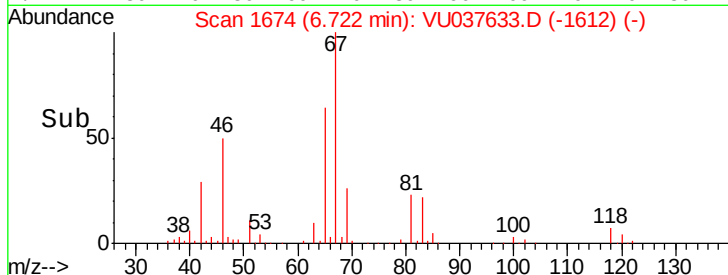
10000

5000

0

Time-->

6.65 6.70 6.75 6.80



#46

Tetrachloroethene

Concen: 7.881 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU037633.D

Acq: 09 Apr 2020 21:02

Tgt Ion:164 Resp: 22249

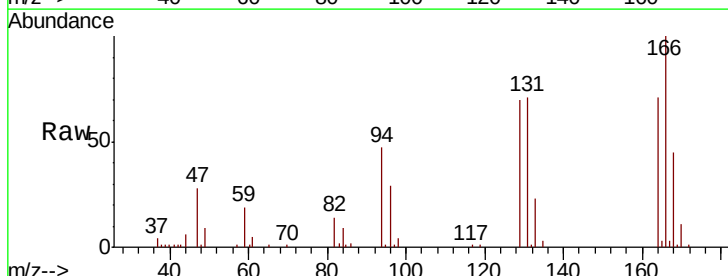
Ion Ratio Lower Upper

164 100

129 98.8 68.0 126.2

131 100.9 65.8 122.2

166 141.8 92.0 170.9



Abundance Ion 164.00 (163.70 to 164.70): VU037614.D (-2236) (-)

Ion 129.00 (128.70 to 129.70): VU037614.D (-2236) (-)

Ion 131.00 (130.70 to 131.70): VU037614.D (-2236) (-)

Ion 166.00 (165.70 to 166.70): VU037614.D (-2236) (-)

25000

20000

15000

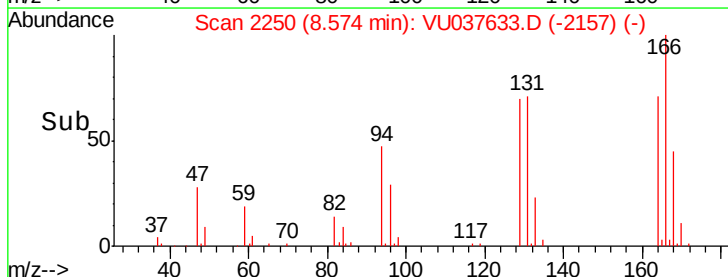
10000

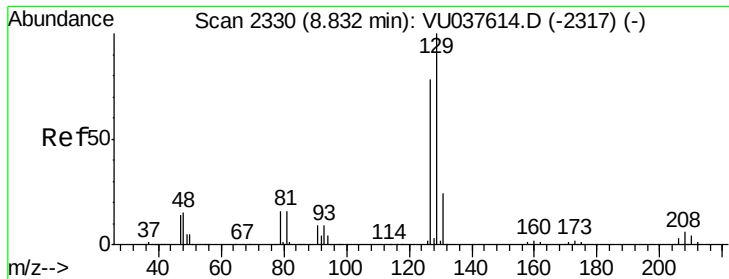
5000

0

Time-->

8.55 8.60

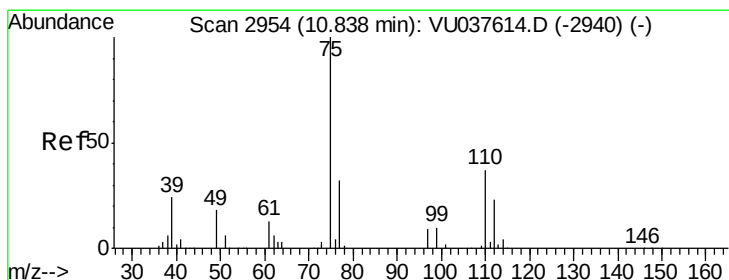
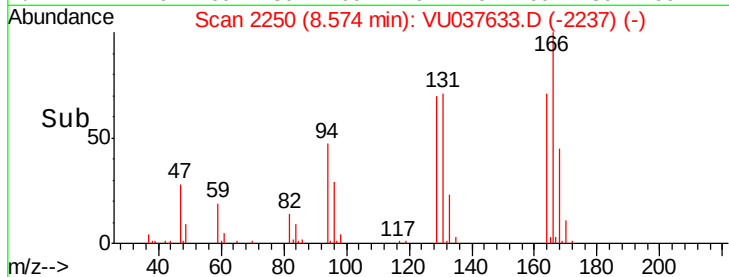
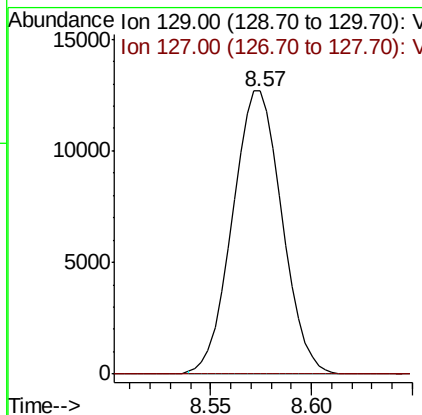
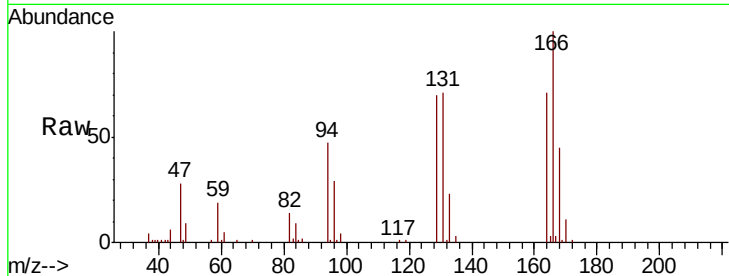




#49
 Dibromochloromethane
 Concen: 5.374 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.26 min
 Lab File: VU037633.D
 Acq: 09 Apr 2020 21:02

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 21778
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.2 102.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.625 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037633.D
 Acq: 09 Apr 2020 21:02

Tgt Ion: 75 Resp: 32366
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.6 38.4

