

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037635.D
 Acq On : 09 Apr 2020 21:47
 Operator : JC/MD
 Sample : L1885-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 03:16:12 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	515645	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	484551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	235498	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	203913	45.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.48%
7) Chloroethane-d5	1.93	69	175451	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.32%
11) 1,1-Dichloroethene-d2	2.59	63	261788	35.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.28%
21) 2-Butanone-d5	4.66	46	389557	106.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.66%
24) Chloroform-d	5.10	84	340028	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
26) 1,2-Dichloroethane-d4	5.74	65	240483	52.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.52%
32) Benzene-d6	5.76	84	736492	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.32%
36) 1,2-Dichloropropane-d6	6.72	67	249146	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.00%
41) Toluene-d8	7.92	98	668841	50.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	8.20	79	129212	50.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.74%
47) 2-Hexanone-d5	8.65	63	285084	104.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.93%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	343771	51.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.58%
64) 1,2-Dichlorobenzene-d4	12.20	152	247205	50.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.88%

Target Compounds

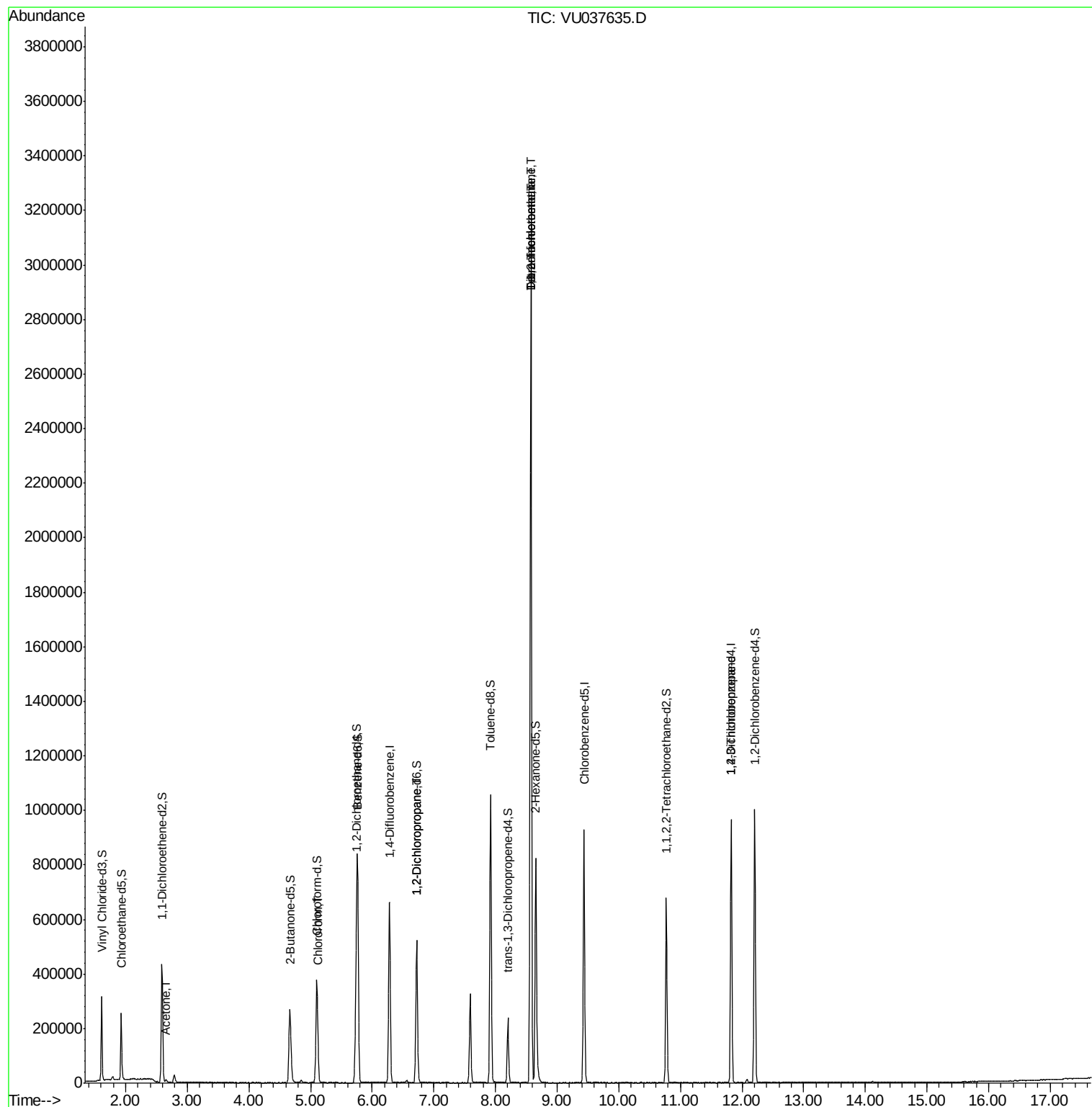
					Ovalue
13) Acetone	2.66	43	8457	3.921 ug/L	98
25) Chloroform	5.12	83	6279	0.963 ug/L	87
37) 1,2-Dichloropropane	6.72	63	26638	6.574 ug/L #	87
45) 1,1,2-Trichloroethane	8.57	97	6062	1.677 ug/L #	1
46) Tetrachloroethene	8.57	164	687595	254.586 ug/L	99
49) Dibromochloromethane	8.57	129	656477	169.334 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	31238	5.675 ug/L	89

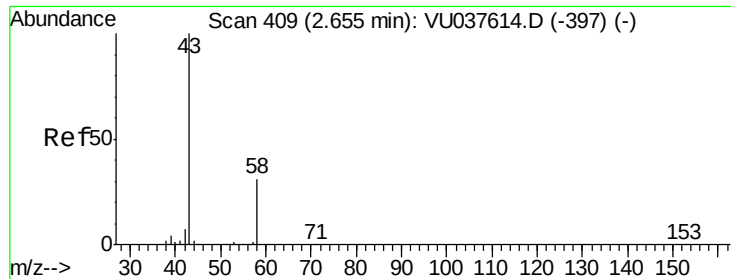
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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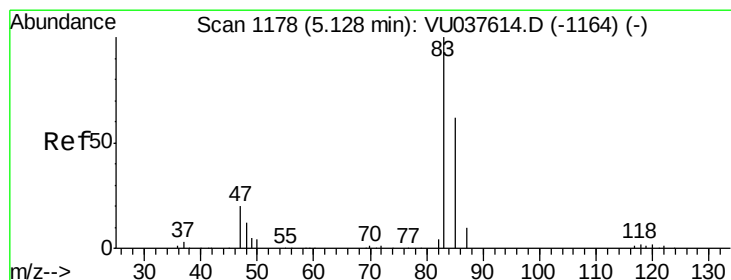
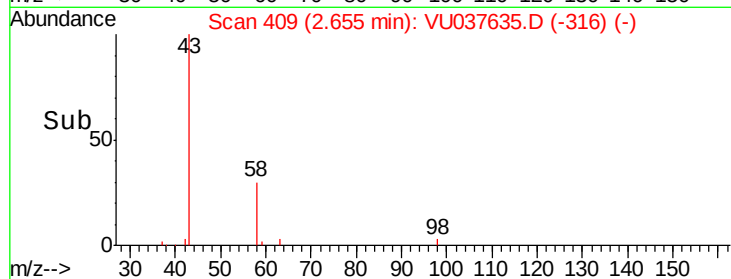
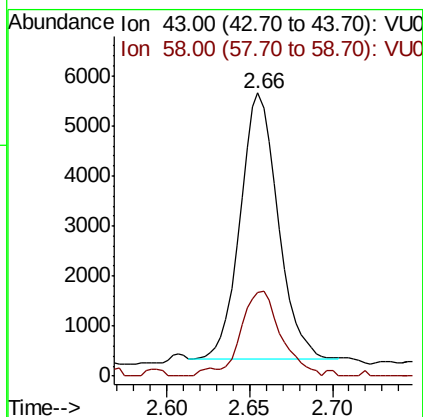
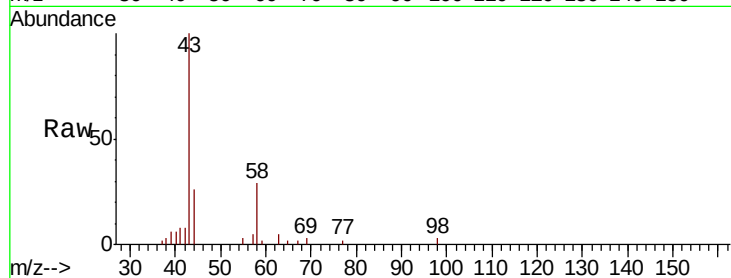




#13
Acetone
Concen: 3.921 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU037635.D
Acq: 09 Apr 2020 21:47

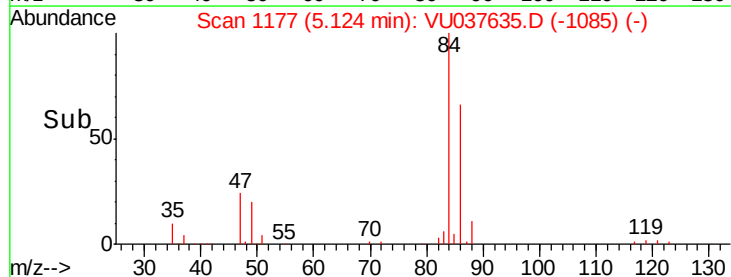
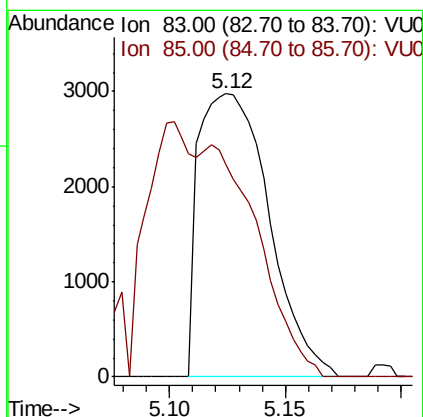
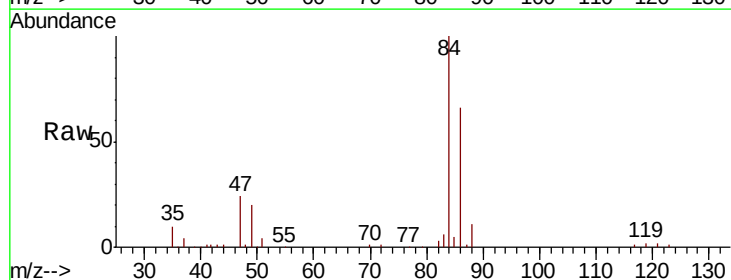
Instrument :
MSVOA_U
ClientSampleId :

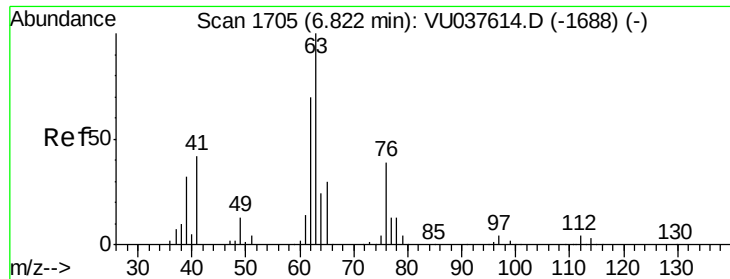
Tot Ion: 43 Resp: 8457
Ion Ratio Lower Upper
43 100
58 32.7 0.0 63.2



#25
Chloroform
Concen: 0.963 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037635.D
Acq: 09 Apr 2020 21:47

Tgt Ion: 83 Resp: 6279
Ion Ratio Lower Upper
83 100
85 75.2 45.5 84.5

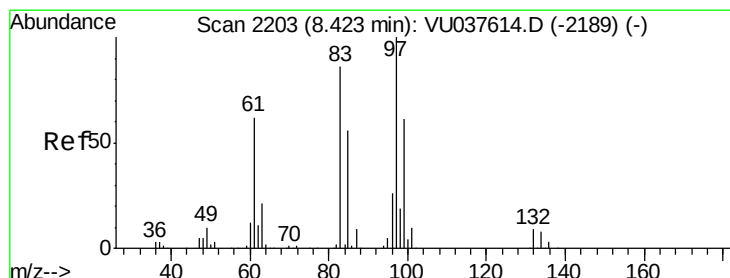
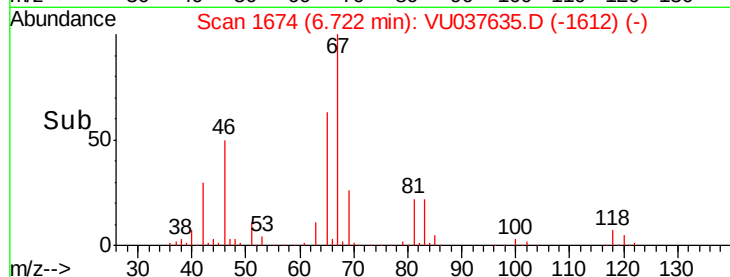
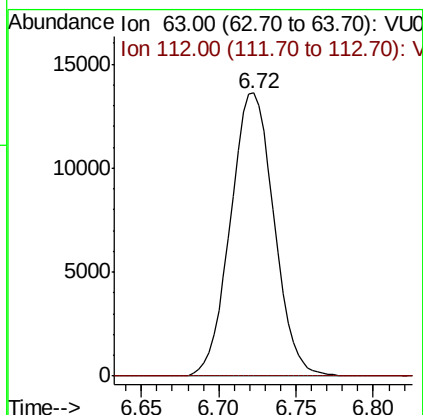
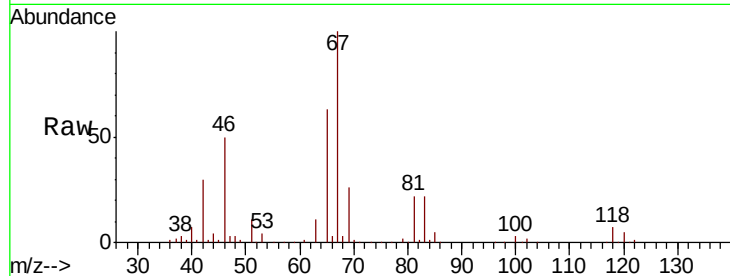




#37
 1,2-Dichloropropane
 Concen: 6.574 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037635.D
 Acq: 09 Apr 2020 21:47

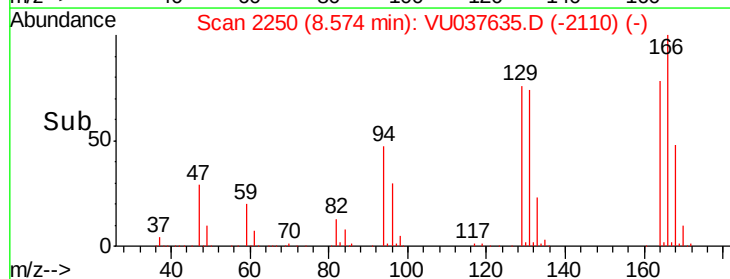
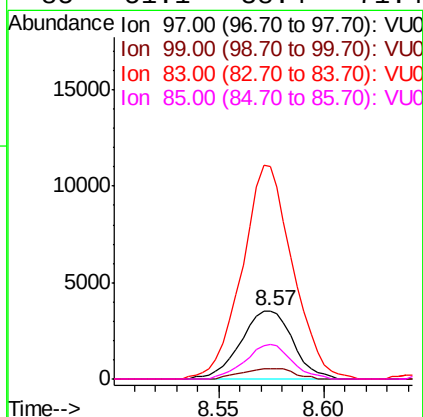
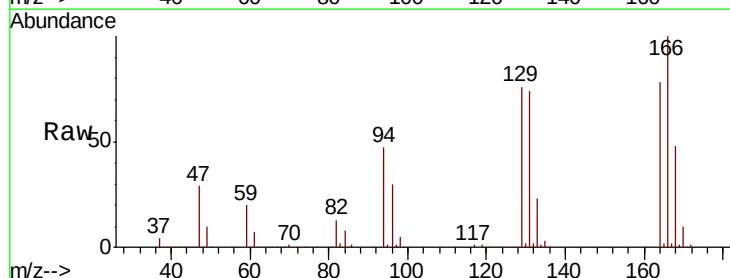
Instrument :
 MSVOA_U
 ClientSampleId :

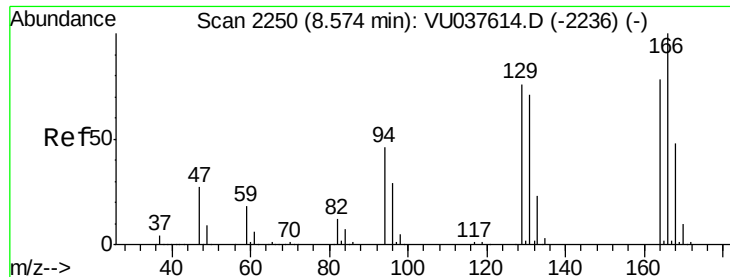
Tot Ion: 63 Resp: 26638
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#45
 1,1,2-Trichloroethane
 Concen: 1.677 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.15 min
 Lab File: VU037635.D
 Acq: 09 Apr 2020 21:47

Tgt Ion: 97 Resp: 6062
 Ion Ratio Lower Upper
 97 100
 99 15.3 43.6 81.0#
 83 310.8 61.2 113.8#
 85 51.1 38.4 71.4





#46

Tetrachloroethene

Concen: 254.586 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU037635.D

Acq: 09 Apr 2020 21:47

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 687595

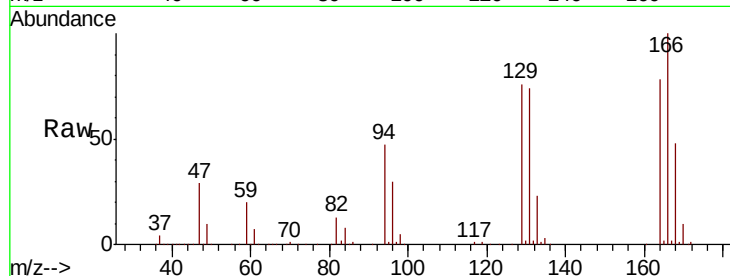
Ion Ratio Lower Upper

164 100

129 97.1 68.0 126.2

131 94.2 65.8 122.2

166 127.8 92.0 170.9

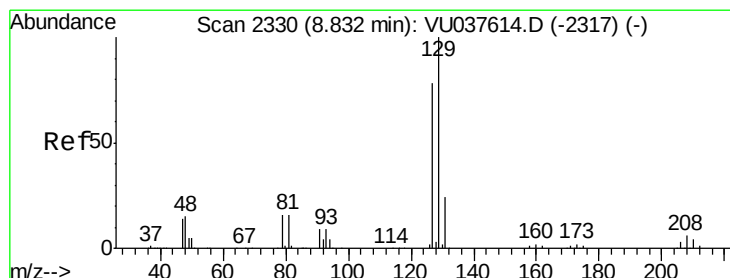
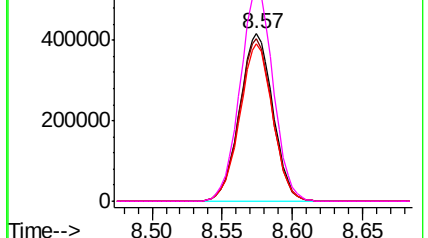
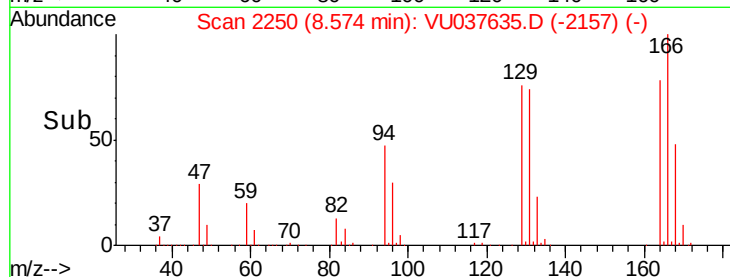


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 169.334 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037635.D

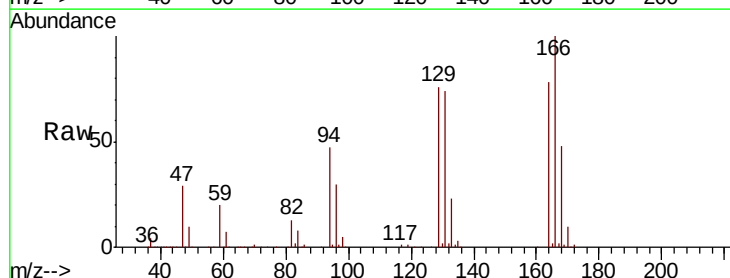
Acq: 09 Apr 2020 21:47

Tgt Ion:129 Resp: 656477

Ion Ratio Lower Upper

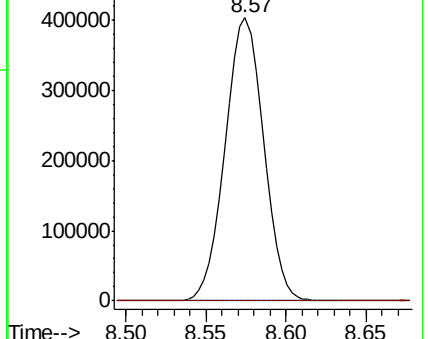
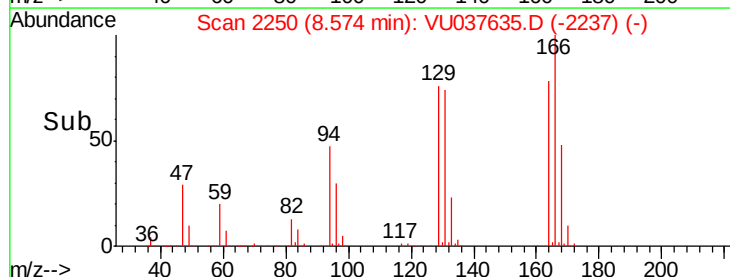
129 100

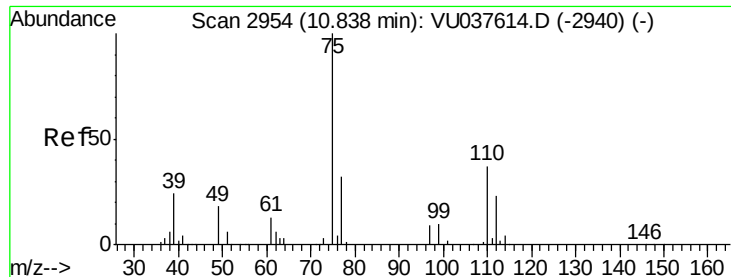
127 0.0 55.2 102.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.675 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037635.D

Acq: 09 Apr 2020 21:47

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 31238

Ion Ratio Lower Upper

75 100

77 38.3 25.6 38.4

