

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037665.D
 Acq On : 10 Apr 2020 12:15
 Operator : JC/MD
 Sample : L2212-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 23:30:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 23:26:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	514744	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	487704	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	231001	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	173236	38.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.00%
7) Chloroethane-d5	1.93	69	156288	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.96%
11) 1,1-Dichloroethene-d2	2.59	63	235499	32.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.22%
21) 2-Butanone-d5	4.66	46	371280	101.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.84%
24) Chloroform-d	5.10	84	315501	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
26) 1,2-Dichloroethane-d4	5.74	65	226054	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
32) Benzene-d6	5.76	84	668653	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.72	67	229114	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.94%
41) Toluene-d8	7.92	98	603772	45.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.78%
43) trans-1,3-Dichloropropene-	8.20	79	117482	45.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.00%
47) 2-Hexanone-d5	8.65	63	269759	98.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.65%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	323260	47.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.84%
64) 1,2-Dichlorobenzene-d4	12.20	152	221697	46.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.24%

Target Compounds

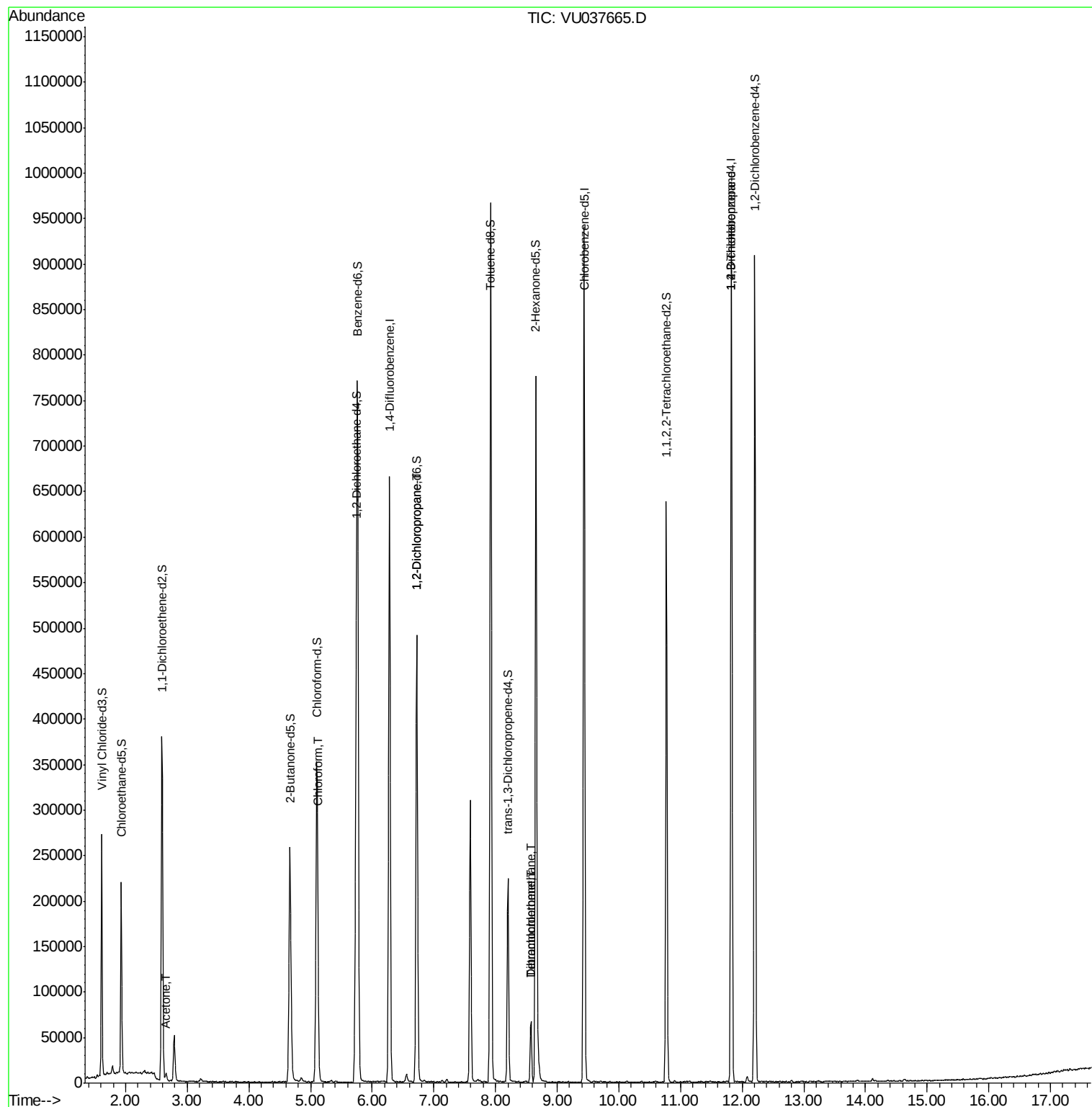
					Ovalue
13) Acetone	2.66	43	8579	3.984 ug/L	99
25) Chloroform	5.12	83	16333	2.508 ug/L	94
37) 1,2-Dichloropropane	6.72	63	24479	6.002 ug/L #	87
46) Tetrachloroethene	8.57	164	14424	5.306 ug/L	98
49) Dibromochloromethane	8.57	129	13887	3.559 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	32724	5.907 ug/L	94

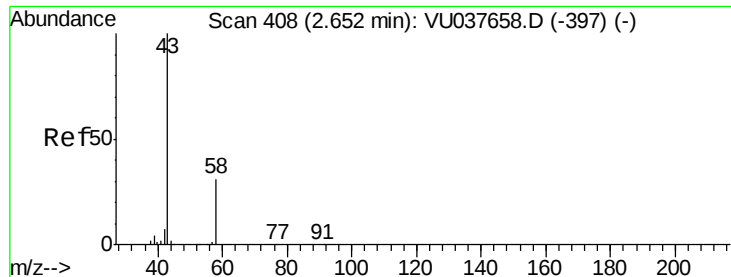
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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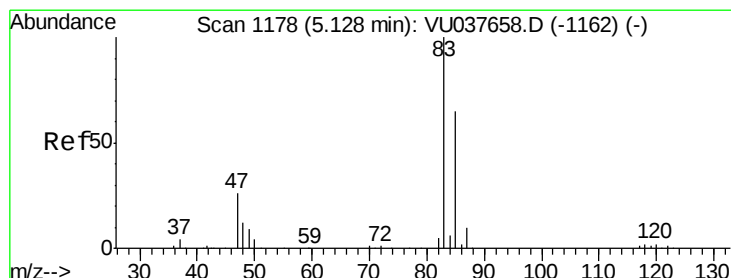
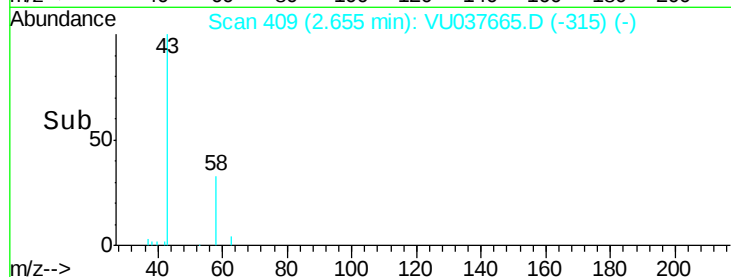
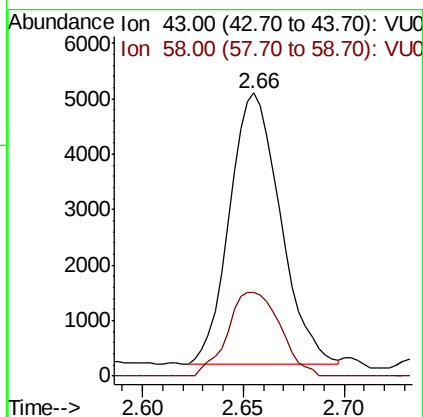
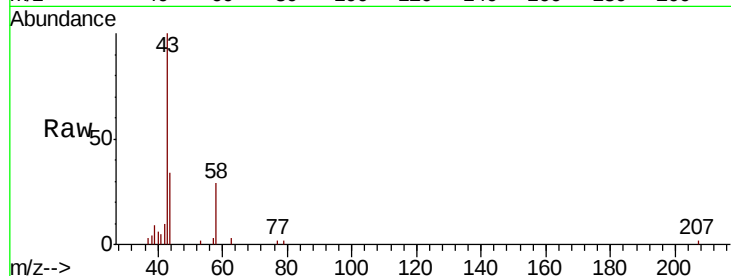




#13
Acetone
Concen: 3.984 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU037665.D
Acq: 10 Apr 2020 12:15

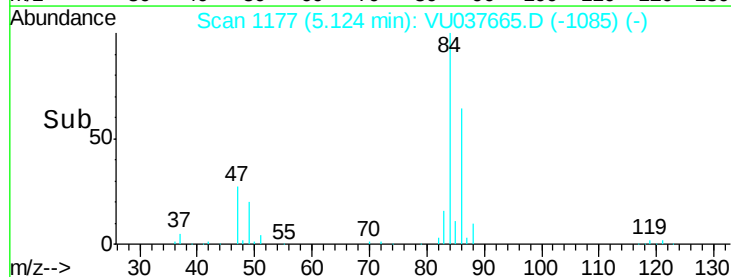
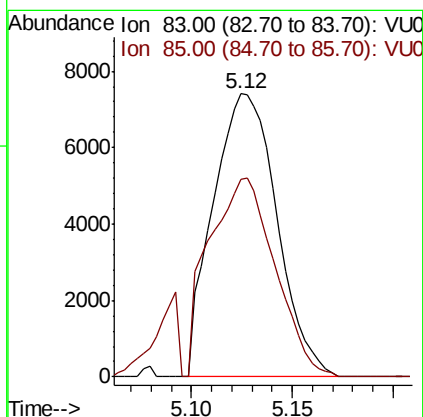
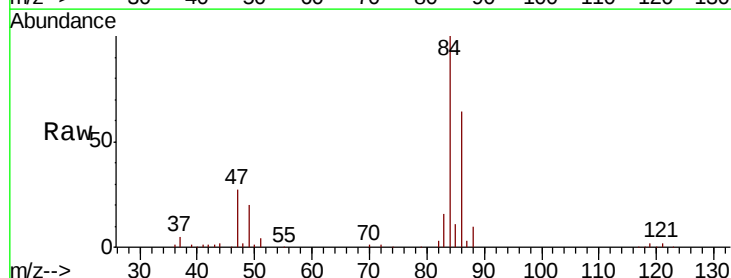
Instrument :
MSVOA_U
ClientSampleId :

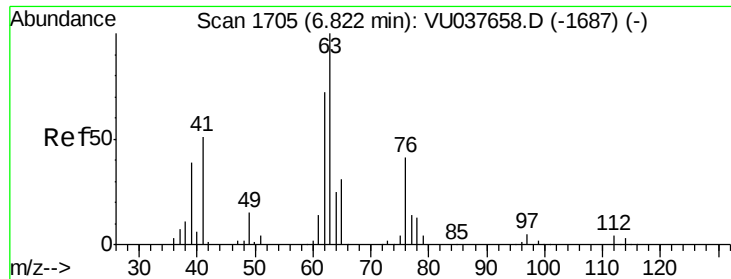
Tot Ion: 43 Resp: 8579
Ion Ratio Lower Upper
43 100
58 32.1 0.0 63.2



#25
Chloroform
Concen: 2.508 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037665.D
Acq: 10 Apr 2020 12:15

Tgt Ion: 83 Resp: 16333
Ion Ratio Lower Upper
83 100
85 69.8 45.5 84.5

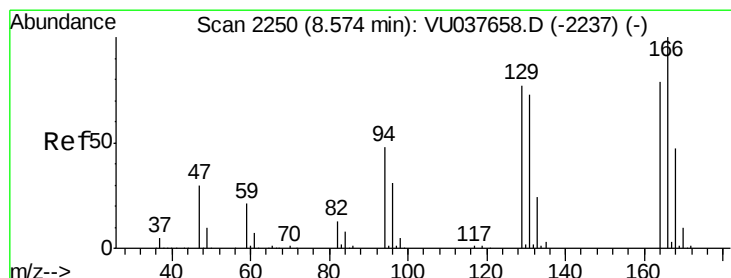
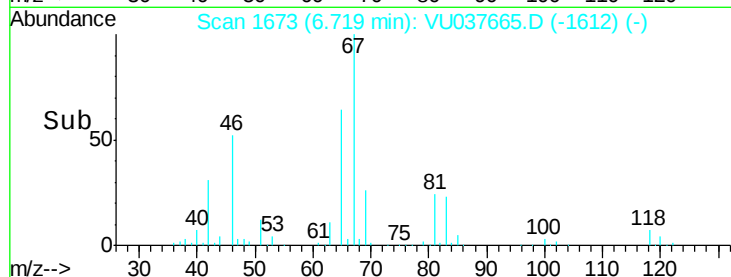
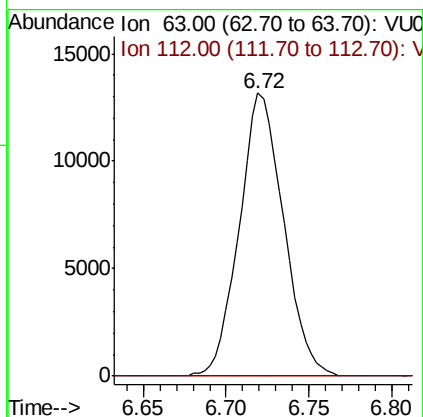
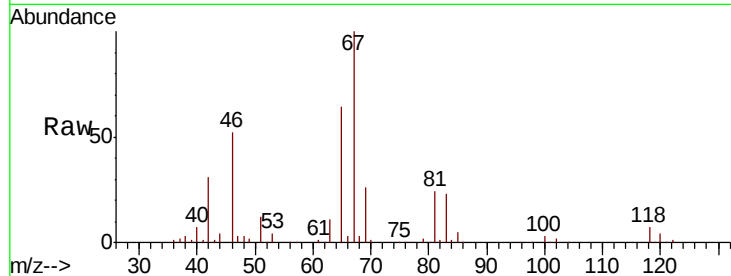




#37
 1,2-Dichloropropane
 Concen: 6.002 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU037665.D
 Acq: 10 Apr 2020 12:15

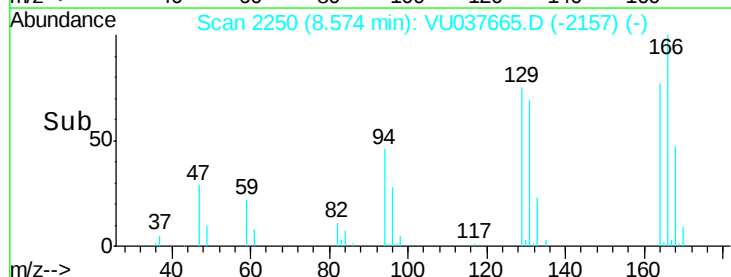
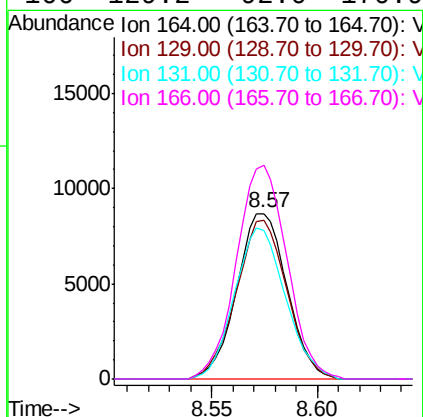
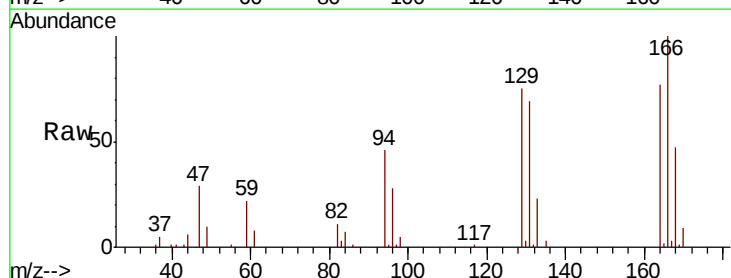
Instrument :
 MSVOA_U
 ClientSampleId :

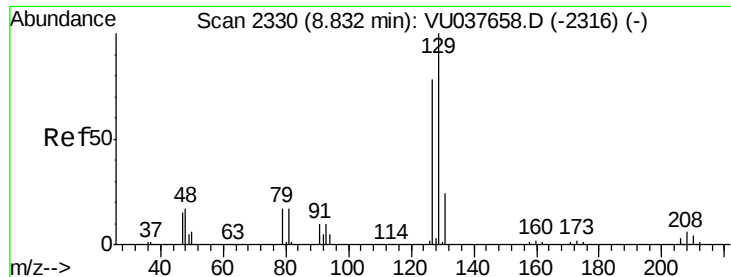
Tot Ion: 63 Resp: 24479
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#46
 Tetrachloroethene
 Concen: 5.306 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU037665.D
 Acq: 10 Apr 2020 12:15

Tgt Ion:164 Resp: 14424
 Ion Ratio Lower Upper
 164 100
 129 96.3 68.0 126.2
 131 89.7 65.8 122.2
 166 129.2 92.0 170.9

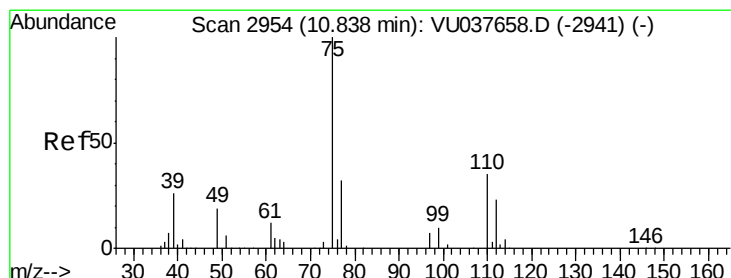
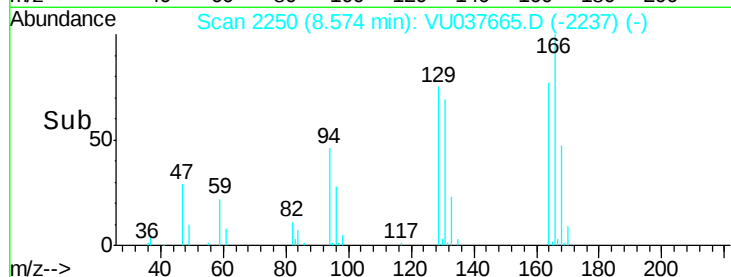
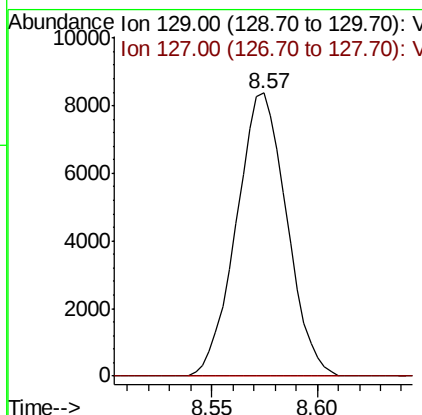
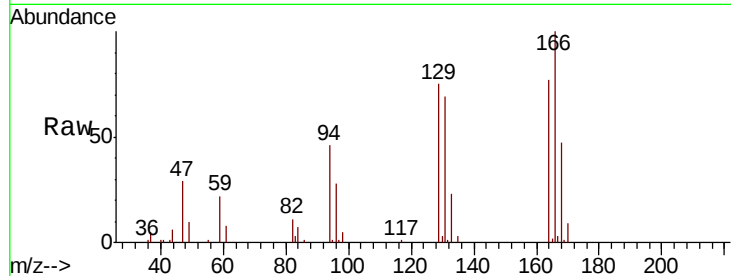




#49
 Dibromochloromethane
 Concen: 3.559 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.26 min
 Lab File: VU037665.D
 Acq: 10 Apr 2020 12:15

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:129 Resp: 13887
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.2 102.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.907 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037665.D
 Acq: 10 Apr 2020 12:15

Tgt Ion: 75 Resp: 32724
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.6 38.4

