

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039097.D
 Acq On : 25 Jun 2020 05:40
 Operator : SY/MD
 Sample : L3110-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F37

Quant Time: Jun 25 06:42:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 06:40:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	260796	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	261182	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	111013	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93953	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.93	69	88028	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.59	63	141899	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.67	46	410343	59.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.08%
24) Chloroform-d	5.10	84	198765	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.74	65	124602	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.76	84	381873	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.72	67	128645	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.92	98	295984	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	8.20	79	50308	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.65	63	309851	56.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	118327	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	118485	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

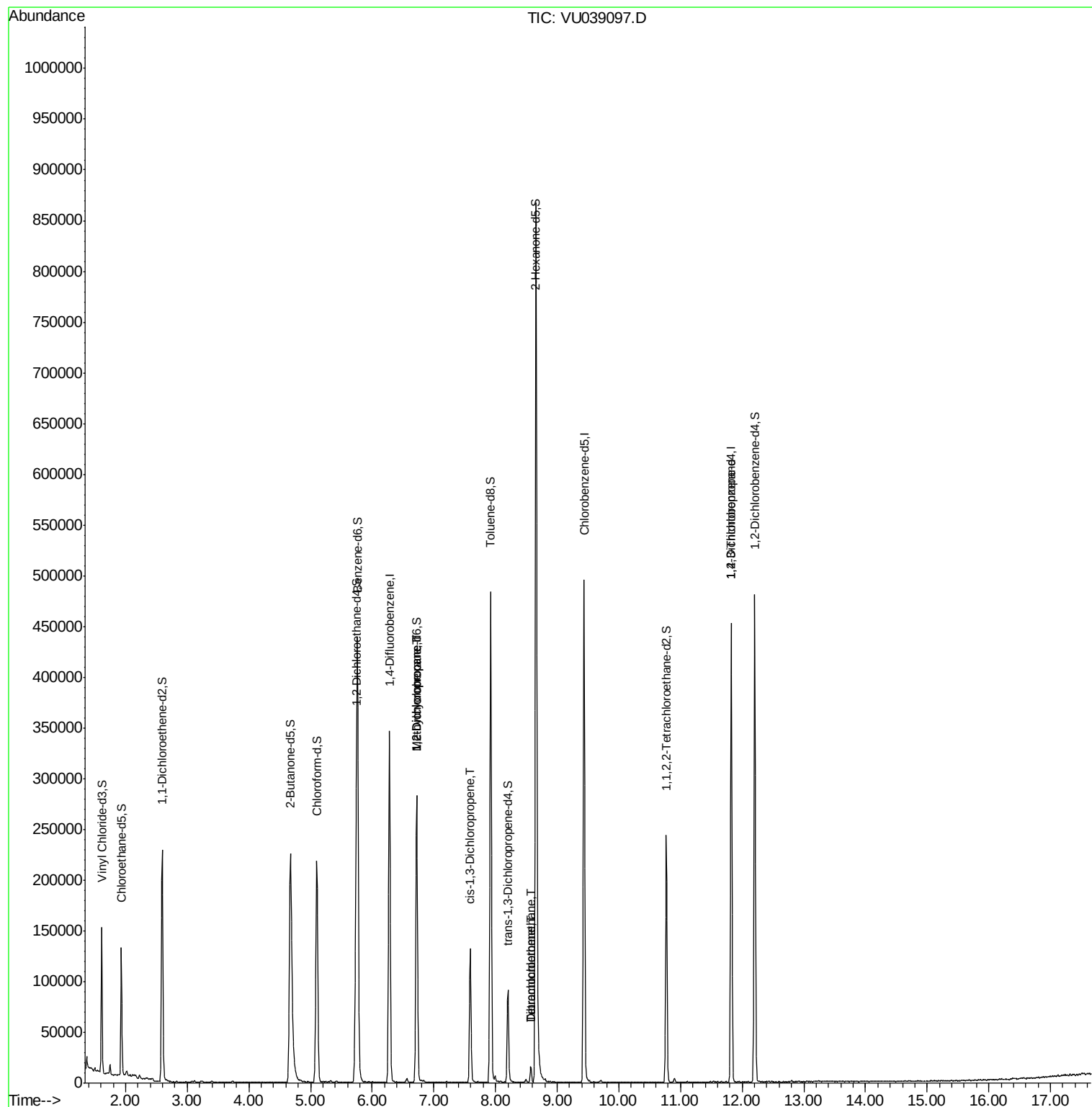
					Ovalue
35) Methylcyclohexane	6.72	83	29471	1.001 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14655	0.659 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3431	0.111 ug/L #	61
47) Tetrachloroethene	8.57	164	2878	0.201 ug/L	93
49) Dibromochloromethane	8.57	129	3155	0.176 ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	14747	0.880 ug/L #	87

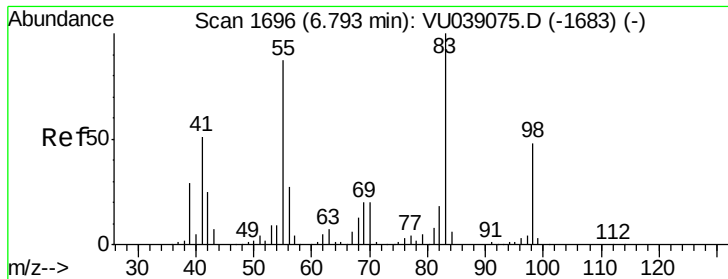
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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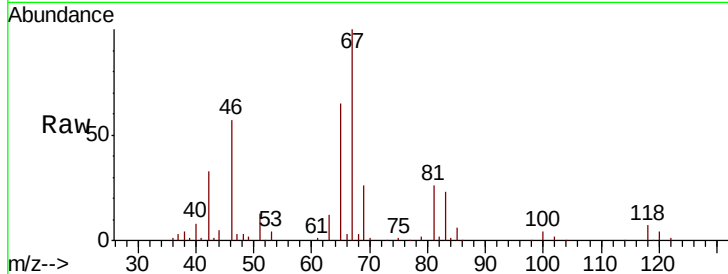




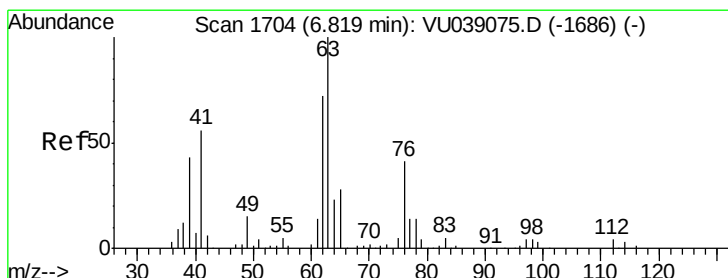
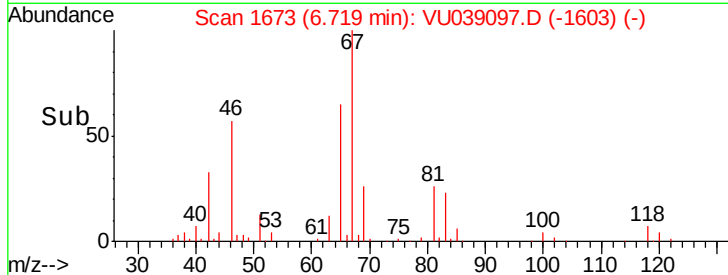
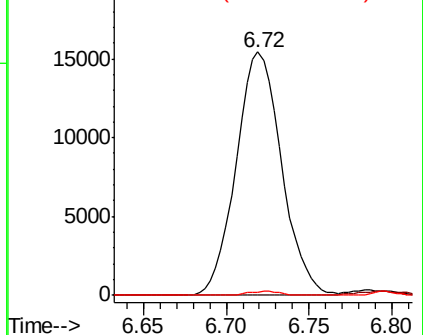
#35
Methylvlcyclohexane
Concen: 1.001 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039097.D
Acq: 25 Jun 2020 05:40

Instrument :
MSVOA_U
ClientSampleId :
F9F37

Tot Ion: 83 Resp: 29471
Ion Ratio Lower Upper
83 100
55 0.0 65.5 98.3#
98 1.2 36.5 54.7#

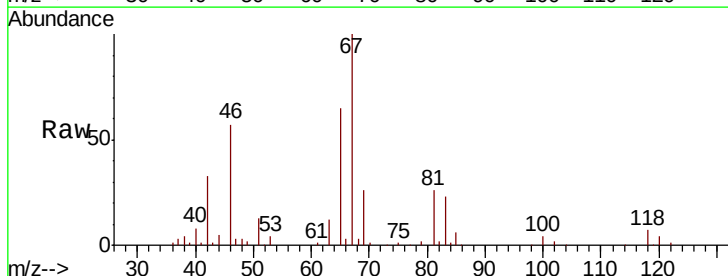


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

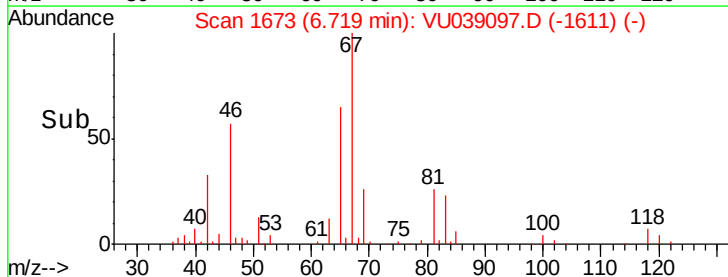
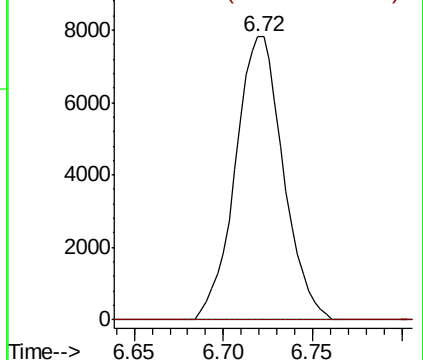


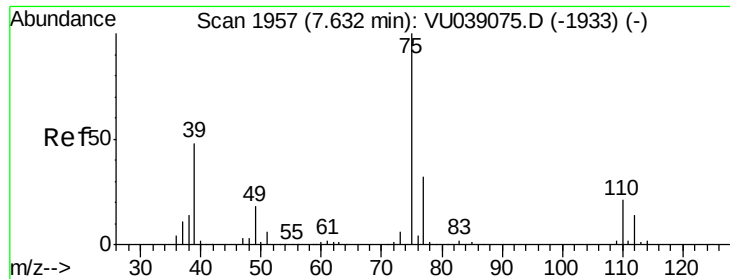
#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039097.D
Acq: 25 Jun 2020 05:40

Tgt Ion: 63 Resp: 14655
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

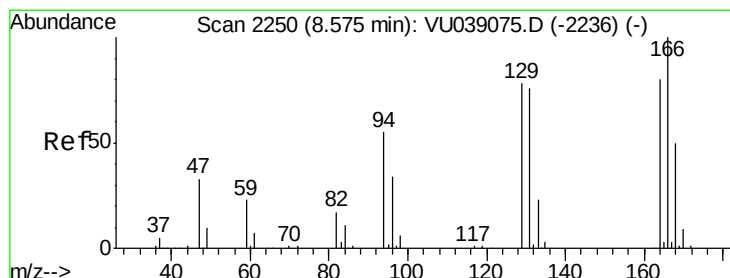
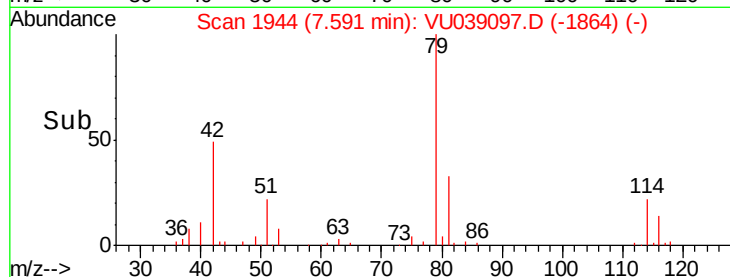
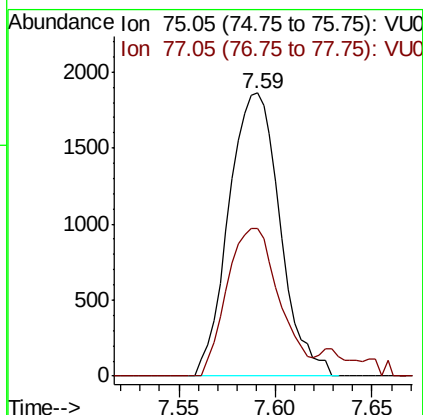
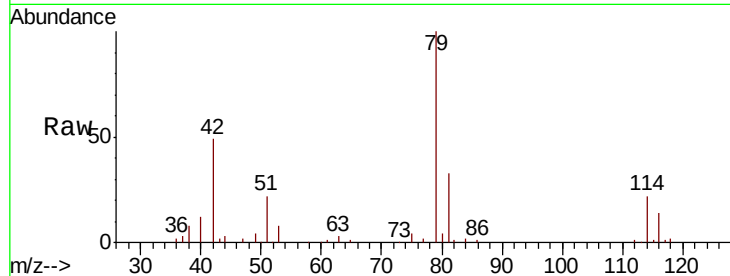




#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039097.D
 Acq: 25 Jun 2020 05:40

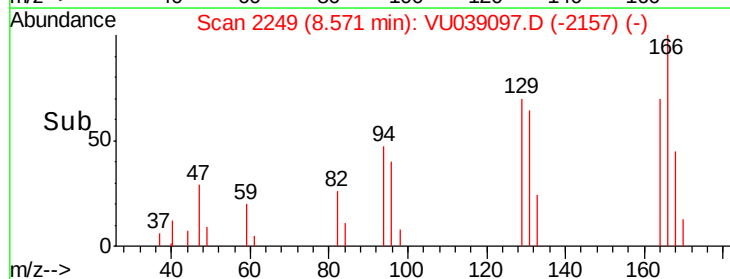
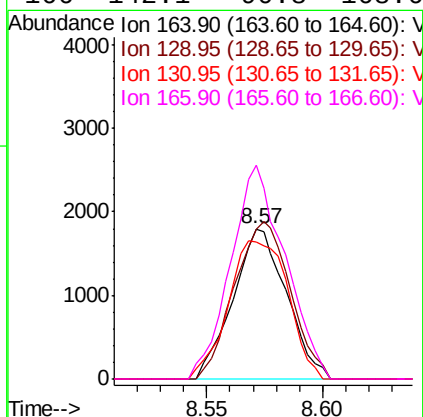
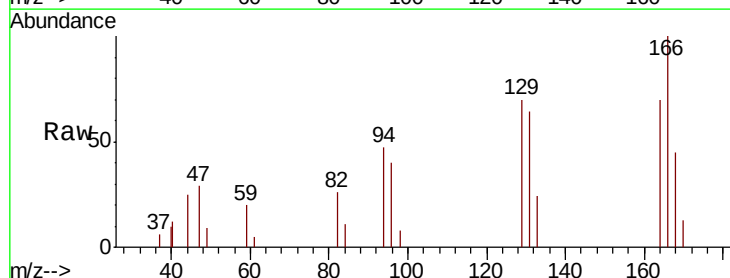
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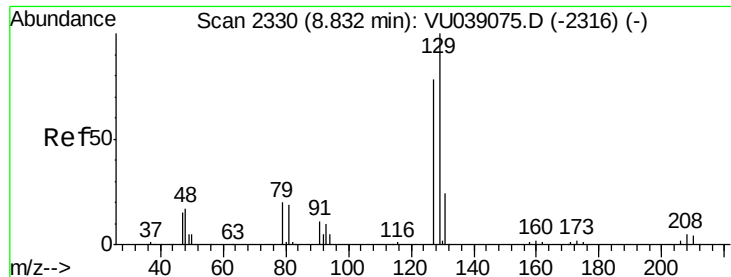
Tot Ion: 75 Resp: 3431
 Ion Ratio Lower Upper
 75 100
 77 52.3 21.6 40.0#



#47
 Tetrachloroethene
 Concen: 0.201 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU039097.D
 Acq: 25 Jun 2020 05:40

Tgt Ion:164 Resp: 2878
 Ion Ratio Lower Upper
 164 100
 129 99.4 71.3 132.5
 131 90.8 68.3 126.8
 166 142.1 90.8 168.6

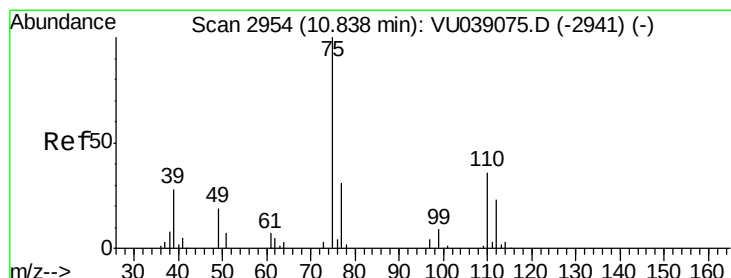
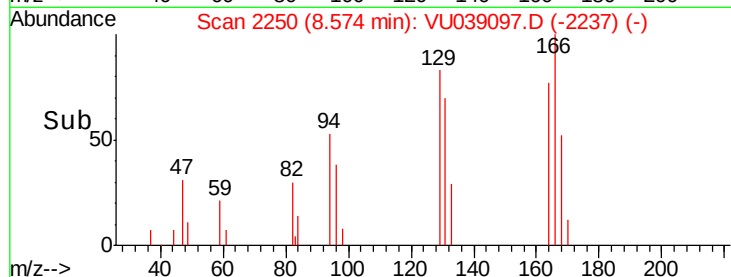
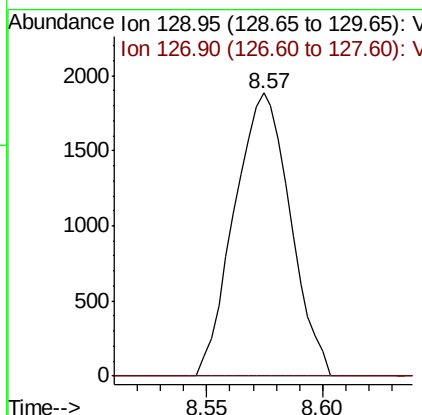
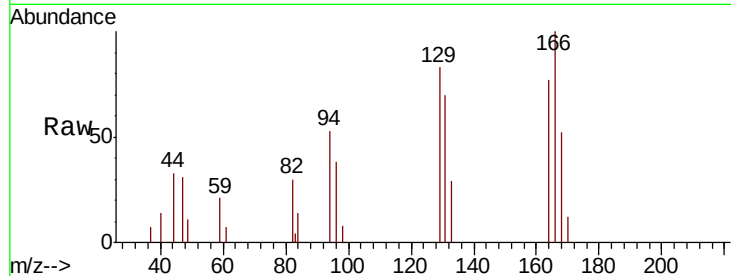




#49
 Dibromochloromethane
 Concen: 0.176 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.26 min
 Lab File: VU039097.D
 Acq: 25 Jun 2020 05:40

Instrument :
 MSVOA_U
 ClientSampleID :
 F9F37

Tot Ion:129 Resp: 3155
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 103.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.880 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU039097.D
 Acq: 25 Jun 2020 05:40

Tgt Ion: 75 Resp: 14747
 Ion Ratio Lower Upper
 75 100
 77 39.9 26.2 39.2#

