

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031920\
 Data File : VU037339.D
 Acq On : 19 Mar 2020 14:07
 Operator : JC/MD
 Sample : L1983-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA7

Quant Time: Mar 20 03:44:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 20 01:58:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	133637	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	130479	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	55845	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0d	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.93	69	30126	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.59	63	32628	2.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	42.60%#
20) 2-Butanone-d5	4.67	46	111639	53.07	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.14%
24) Chloroform-d	5.11	84	84164	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.74	65	47683	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.76	84	138605	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.72	67	46100	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.93	98	50897	1.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	37.80%#
43) trans-1,3-Dichloropropene-	8.21	79	13239	3.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.60%
46) 2-Hexanone-d5	8.66	63	88044	48.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	39868	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	49353	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

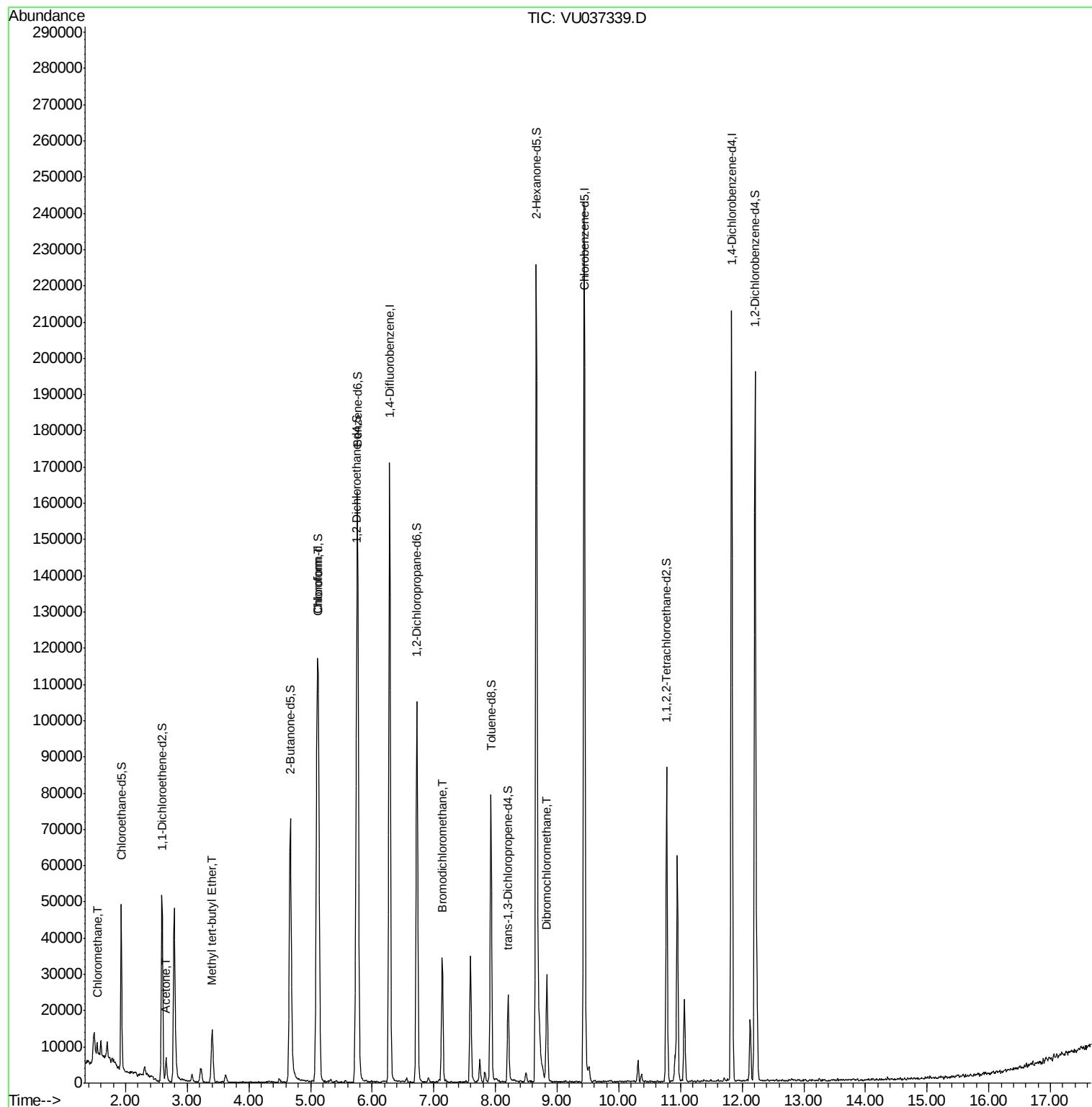
Target Compounds					Ovalue
3) Chloromethane	1.54	50	2634	0.173 ug/L	93
13) Acetone	2.66	43	7402	4.160 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	14735	0.598 ug/L	98
25) Chloroform	5.13	83	69419	3.428 ug/L	99
38) Bromodichloromethane	7.14	83	21761	1.492 ug/L	97
49) Dibromochloromethane	8.84	129	14628	1.501 ug/L	98

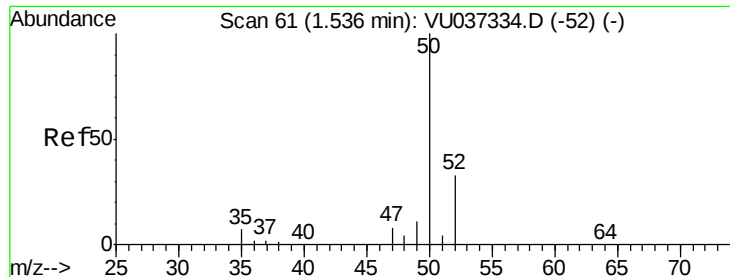
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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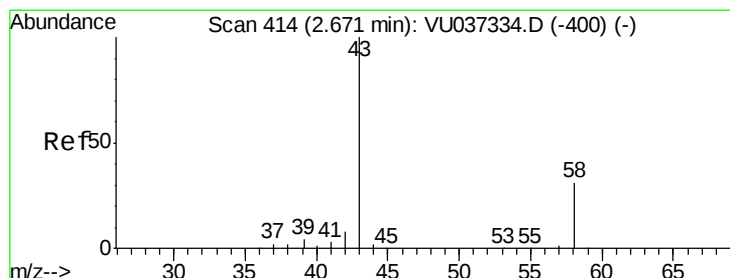
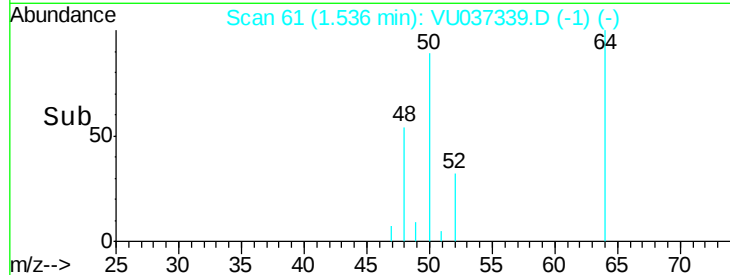
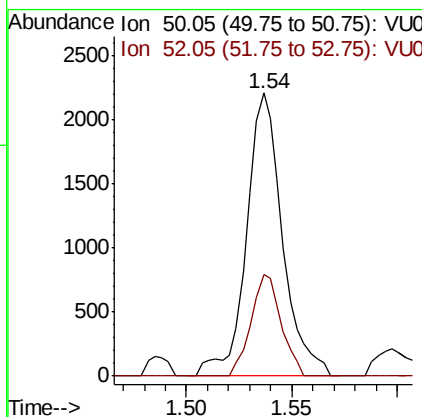
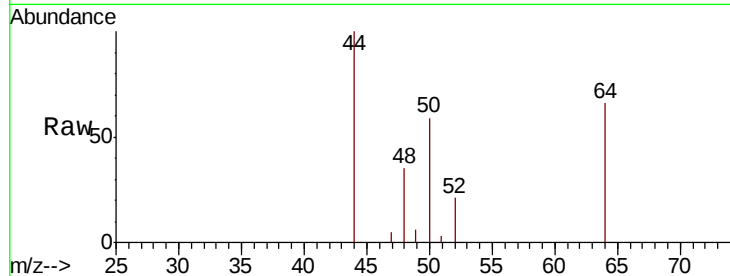




#3
 Chloromethane
 Concen: 0.173 ug/L
 RT: 1.54 min Scan# 61
 Delta R.T. 0.00 min
 Lab File: VU037339.D
 Acq: 19 Mar 2020 14:07

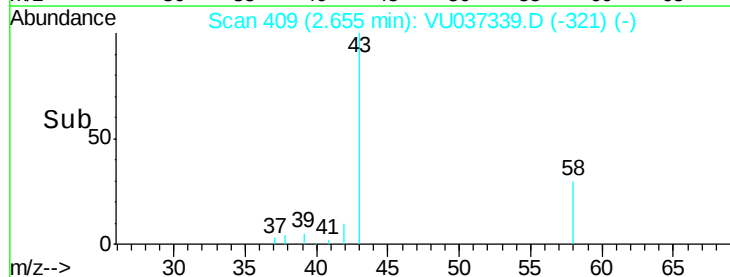
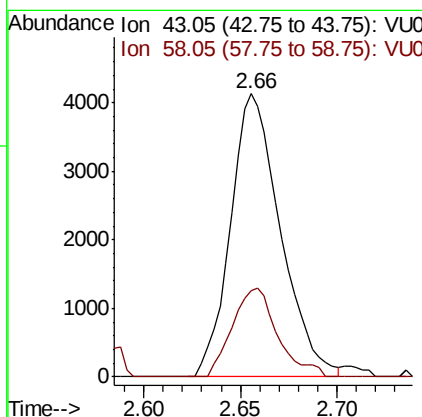
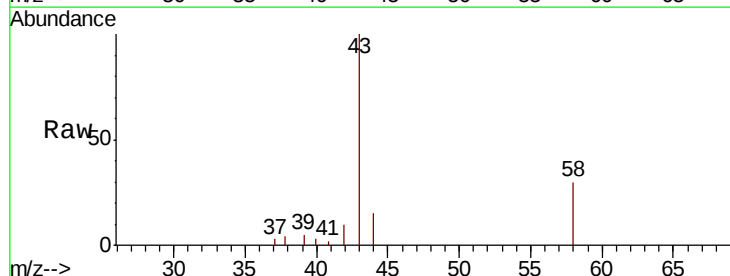
Instrument :
 MSVOA_U
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 C0AA7

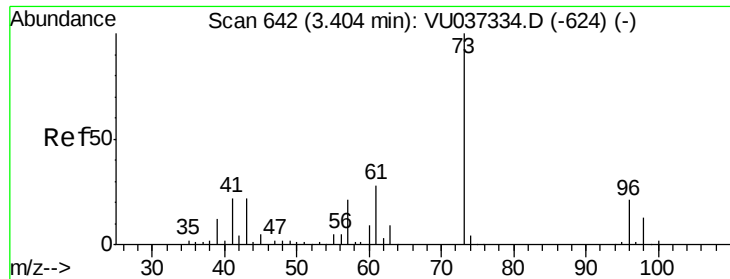
Tot Ion: 50 Resp: 2634
 Ion Ratio Lower Upper
 50 100
 52 35.7 22.3 41.5



#13
 Acetone
 Concen: 4.160 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: VU037339.D
 Acq: 19 Mar 2020 14:07

Tgt Ion: 43 Resp: 7402
 Ion Ratio Lower Upper
 43 100
 58 28.5 0.0 58.0

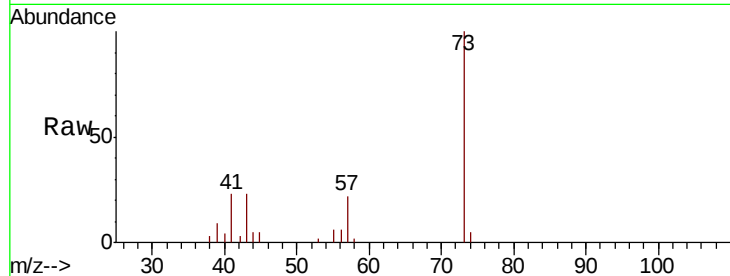




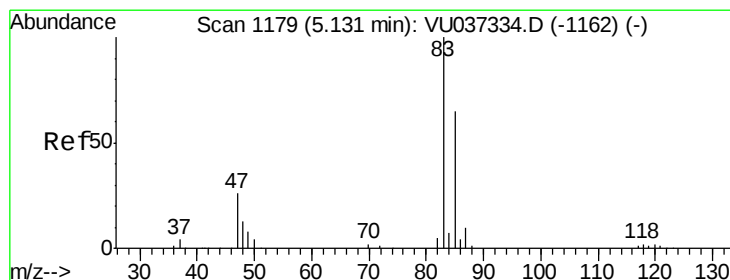
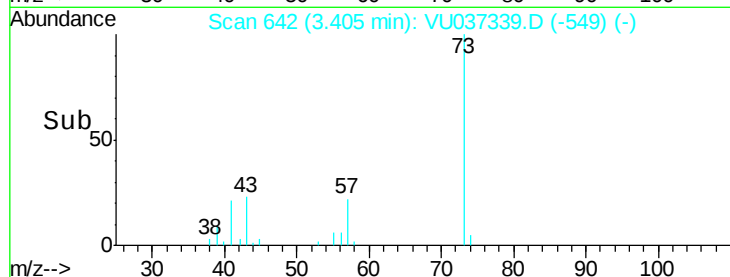
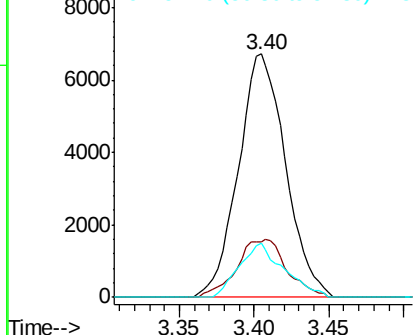
#17
Methvl tert-butvl Ether
Concen: 0.598 ug/L
RT: 3.40 min Scan# 642
Delta R.T. 0.00 min
Lab File: VU037339.D
Acq: 19 Mar 2020 14:07

Instrument :
MSVOA_U
ClientSampleId :
C0AA7

Tot Ion: 73 Resp: 14735
Ion Ratio Lower Upper
73 100
43 25.2 18.6 28.0
57 21.1 17.1 25.7

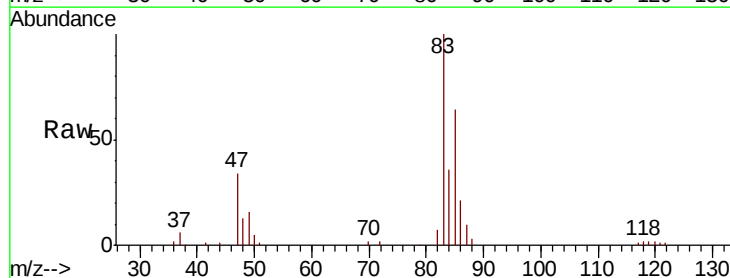


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

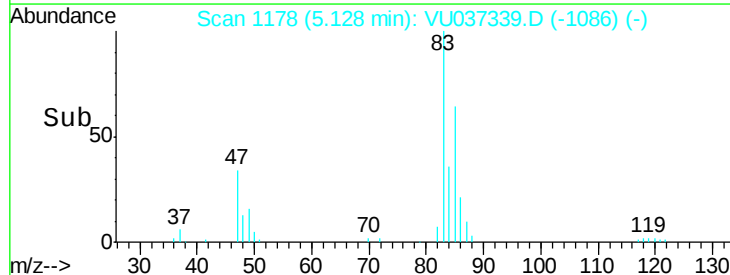
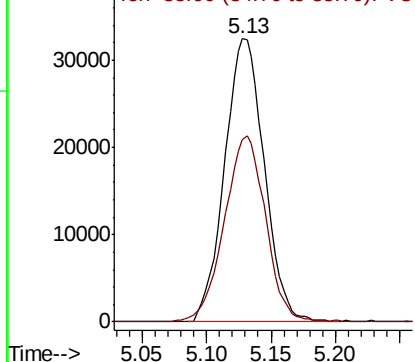


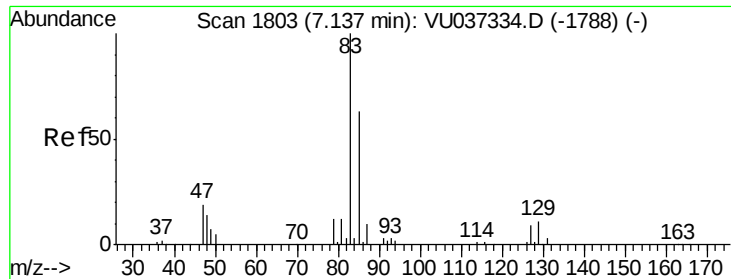
#25
Chloroform
Concen: 3.428 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037339.D
Acq: 19 Mar 2020 14:07

Tgt Ion: 83 Resp: 69419
Ion Ratio Lower Upper
83 100
85 64.4 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#38

Bromodichloromethane

Concen: 1.492 ug/L

RT: 7.14 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VU037339.D

Acq: 19 Mar 2020 14:07

Instrument :

MSVOA_U

ClientSampleId :

C0AA7

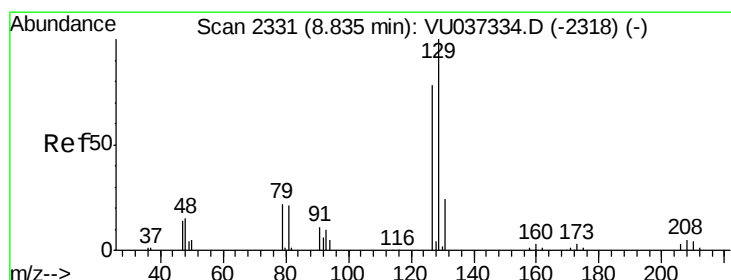
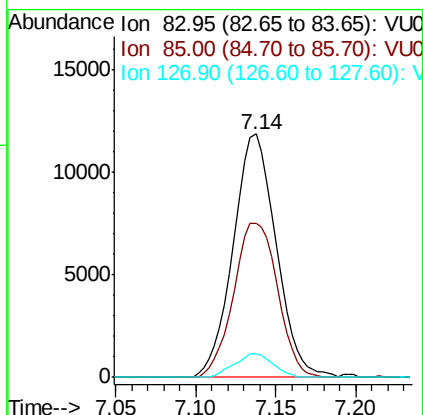
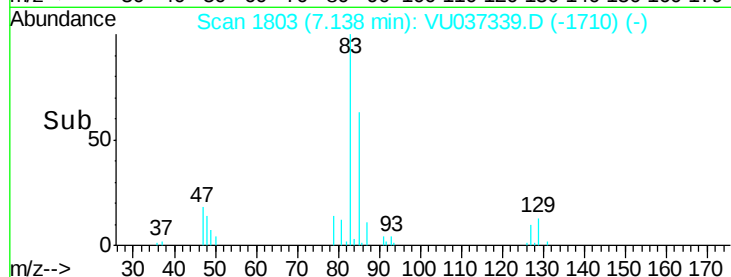
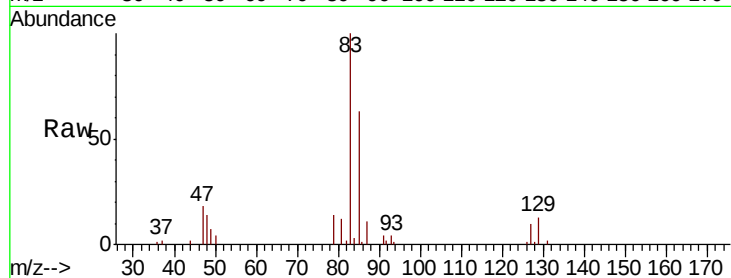
Tot Ion: 83 Resp: 21761

Ion Ratio Lower Upper

83 100

85 63.4 45.8 85.0

127 9.7 7.0 10.6



#49

Dibromochloromethane

Concen: 1.501 ug/L

RT: 8.84 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU037339.D

Acq: 19 Mar 2020 14:07

Tgt Ion: 129 Resp: 14628

Ion Ratio Lower Upper

129 100

127 74.9 53.6 99.6

