

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031920\
 Data File : VU037341.D
 Acq On : 19 Mar 2020 15:08
 Operator : JC/MD
 Sample : L1983-03RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA7RE

Quant Time: Mar 20 03:54:23 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	6.29	114	154265	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	155469	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	75772	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	2365	0.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	5.80%#
7) Chloroethane-d5	1.93	69	44403	6.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.60%
11) 1,1-Dichloroethene-d2	2.59	63	51329	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.67	46	112734	46.43	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.86%
24) Chloroform-d	5.11	84	99107	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.74	65	54892	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.76	84	176913	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.72	67	55776	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.93	98	101235	3.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.20%#
43) trans-1,3-Dichloropropene-	8.20	79	19325	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.66	63	86610	40.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.74%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	44318	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	63683	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

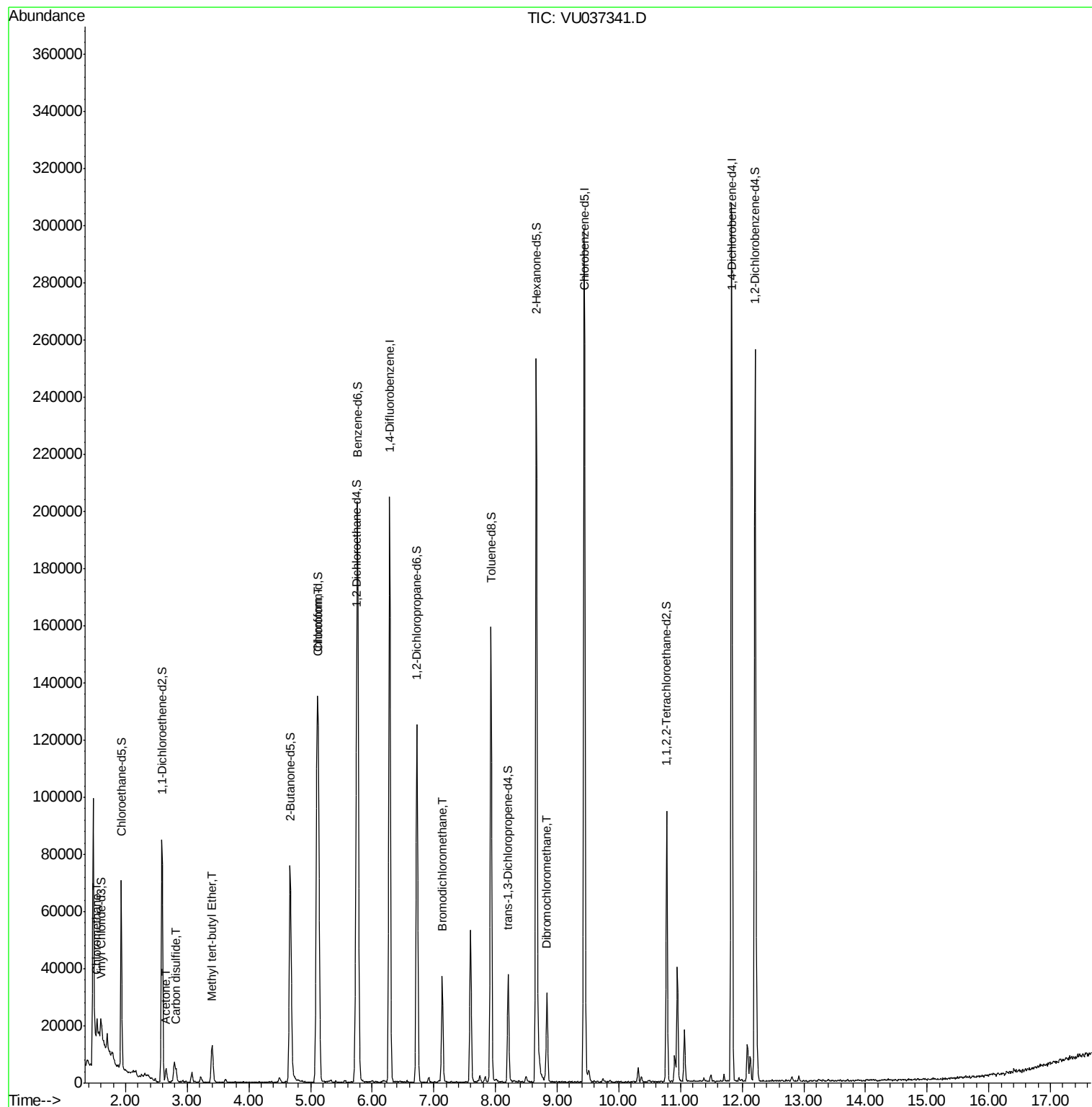
					Ovalue
3) Chloromethane	1.54	50	5117	0.292	ug/L 100
13) Acetone	2.66	43	5982	2.913	ug/L 100
14) Carbon disulfide	2.82	76	4919	0.154	ug/L # 95
17) Methyl tert-butyl Ether	3.40	73	14462	0.509	ug/L 97
25) Chloroform	5.13	83	78626	3.364	ug/L 97
38) Bromodichloromethane	7.14	83	22655	1.304	ug/L 95
49) Dibromochloromethane	8.84	129	15146	1.304	ug/L 96

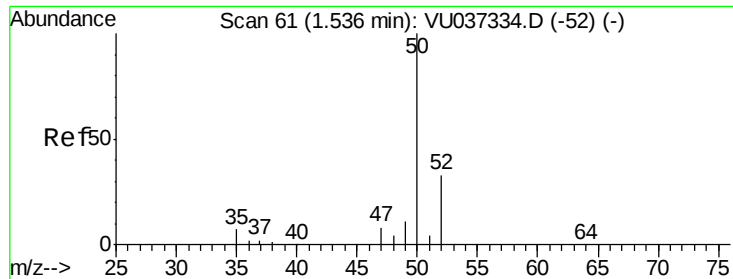
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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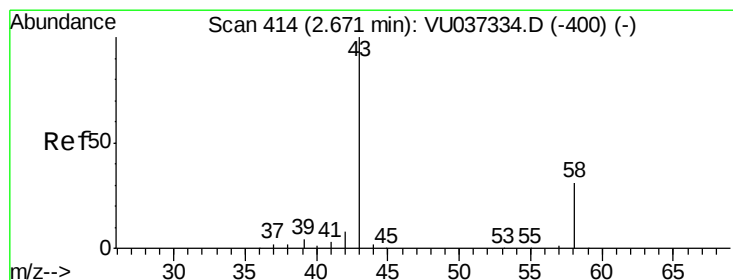
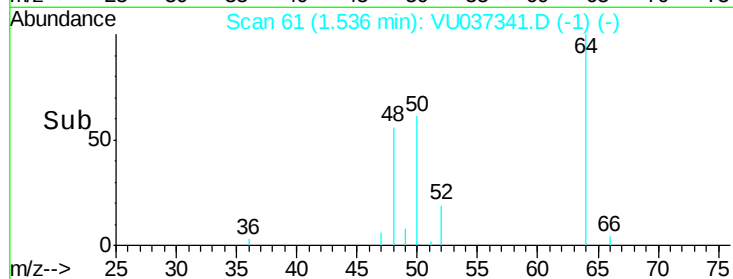
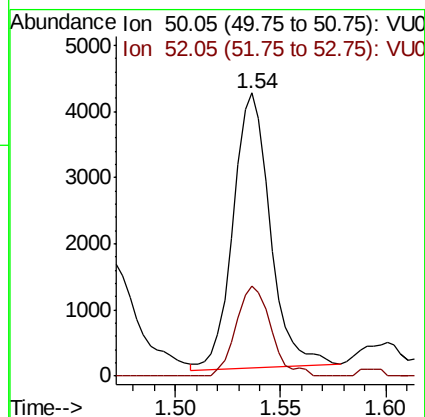
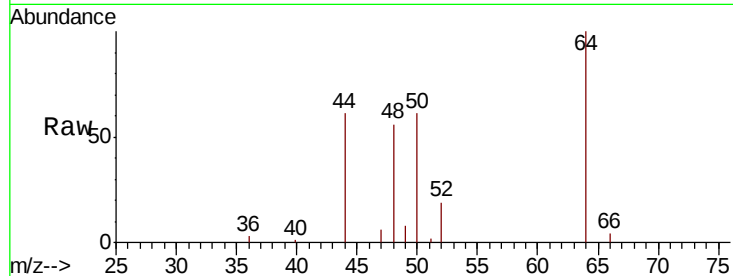




#3
 Chloromethane
 Concen: 0.292 ug/L
 RT: 1.54 min Scan# 61
 Delta R.T. 0.00 min
 Lab File: VU037341.D
 Acq: 19 Mar 2020 15:08

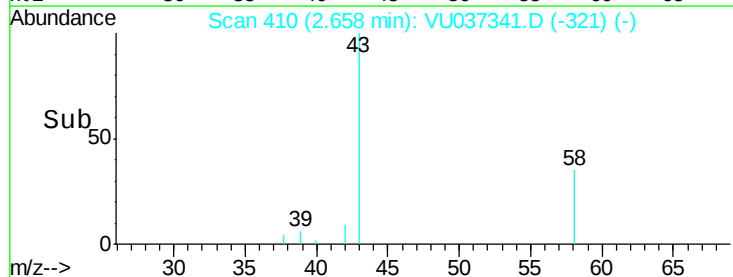
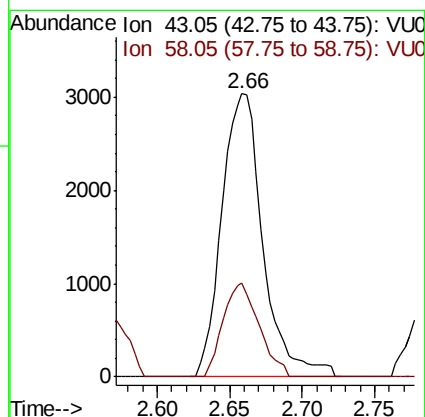
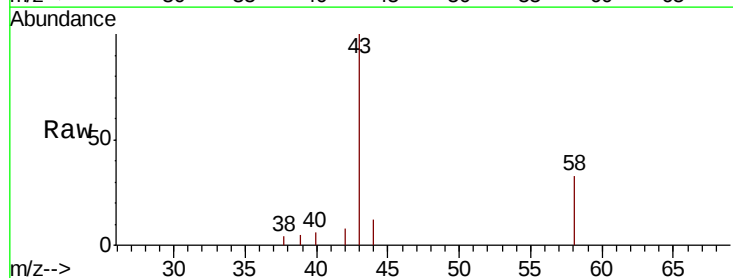
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA7RE

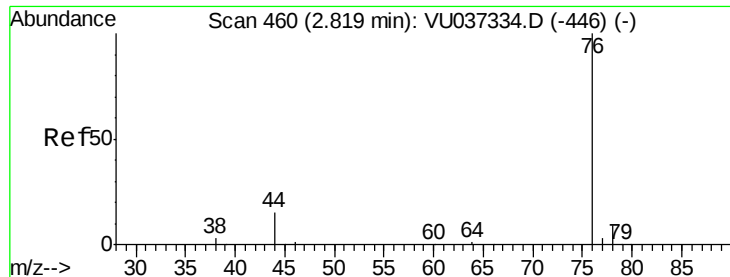
Tot Ion: 50 Resp: 5117
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.3 41.5



#13
 Acetone
 Concen: 2.913 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VU037341.D
 Acq: 19 Mar 2020 15:08

Tgt Ion: 43 Resp: 5982
 Ion Ratio Lower Upper
 43 100
 58 29.0 0.0 58.0





#14

Carbon disulfide

Concen: 0.154 ug/L

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU037341.D

Acq: 19 Mar 2020 15:08

Instrument :

MSVOA_U

ClientSampleId :

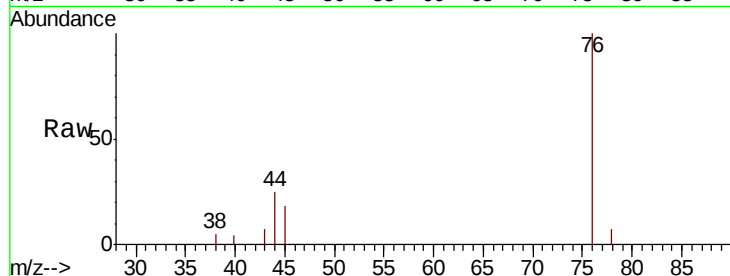
C0AA7RE

Tot Ion: 76 Resp: 4919

Ion Ratio Lower Upper

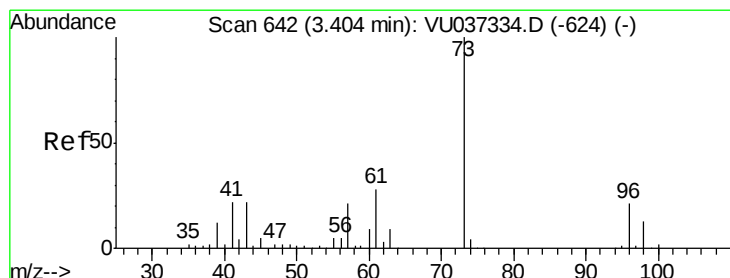
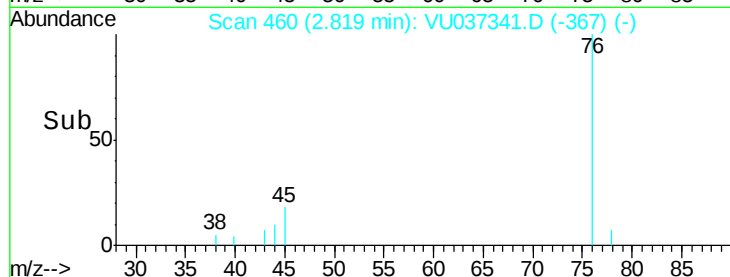
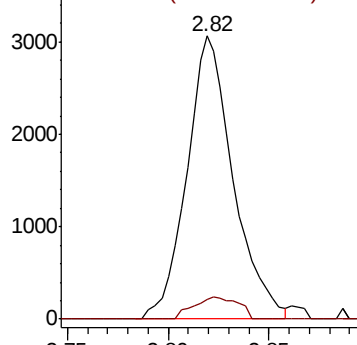
76 100

78 6.9 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#17

Methyl tert-butyl Ether

Concen: 0.509 ug/L

RT: 3.40 min Scan# 642

Delta R.T. 0.00 min

Lab File: VU037341.D

Acq: 19 Mar 2020 15:08

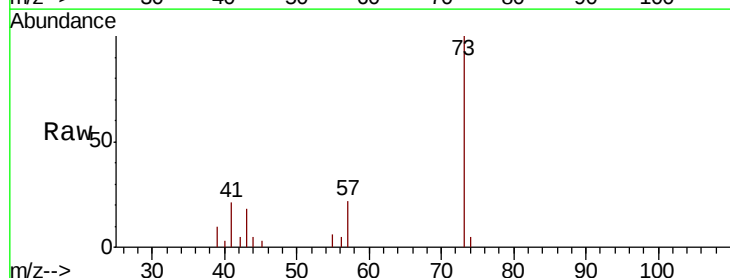
Tgt Ion: 73 Resp: 14462

Ion Ratio Lower Upper

73 100

43 20.9 18.6 28.0

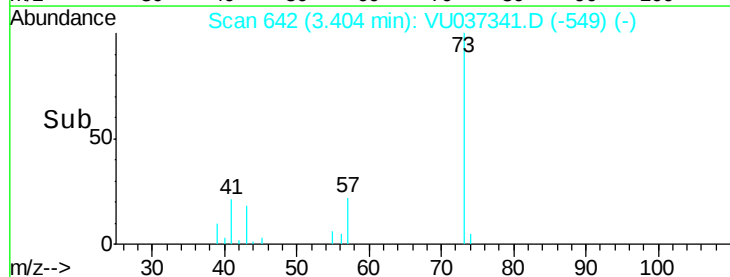
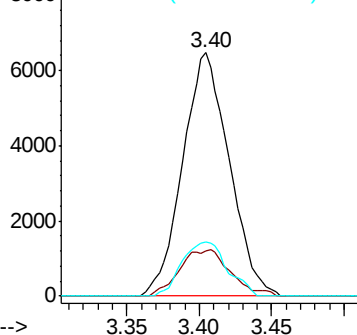
57 21.9 17.1 25.7

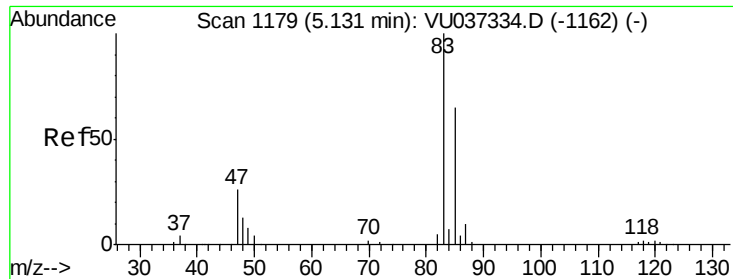


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

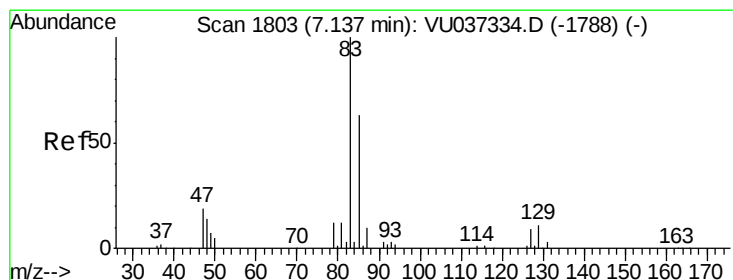
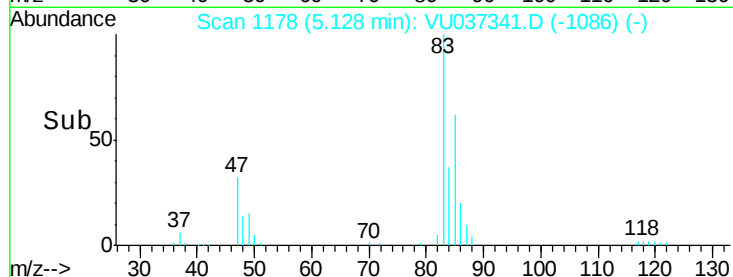
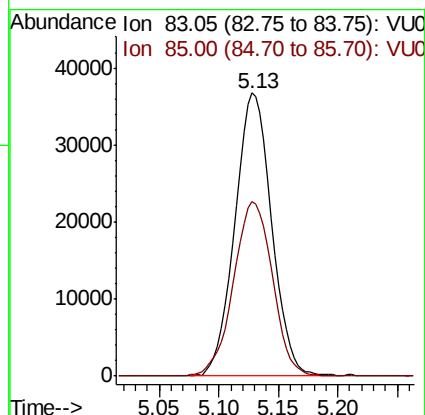
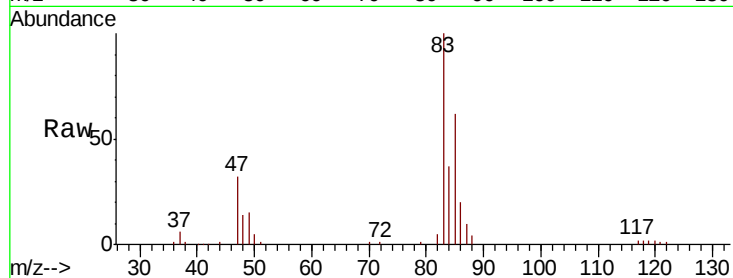




#25
Chloroform
Concen: 3.364 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

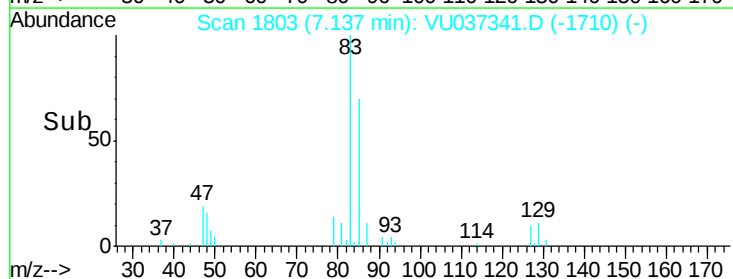
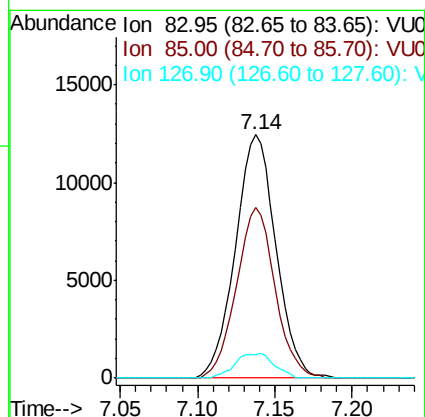
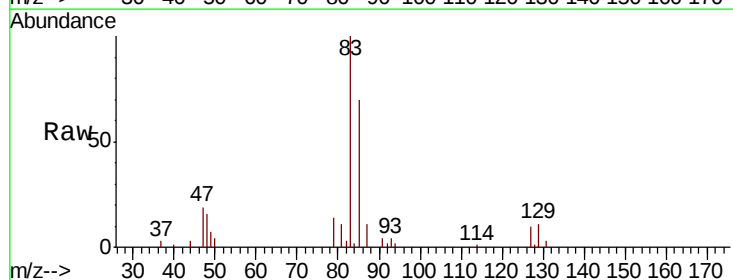
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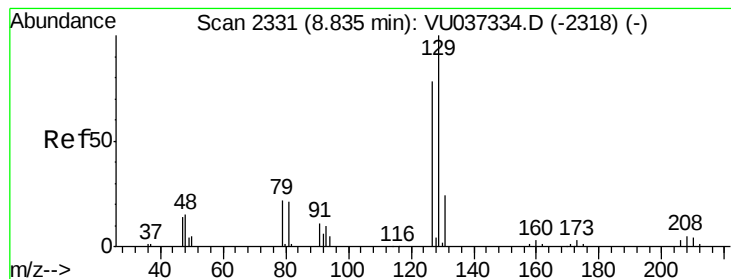
Tot Ion: 83 Resp: 78626
Ion Ratio Lower Upper
83 100
85 61.8 44.7 82.9



#38
Bromodichloromethane
Concen: 1.304 ug/L
RT: 7.14 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

Tgt Ion: 83 Resp: 22655
Ion Ratio Lower Upper
83 100
85 70.0 45.8 85.0
127 9.7 7.0 10.6





#49

Dibromochloromethane

Concen: 1.304 ug/L

RT: 8.84 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU037341.D

Acq: 19 Mar 2020 15:08

Instrument :

MSVOA_U

ClientSampleId :

C0AA7RE

Tot Ion:129 Resp: 15146

Ion Ratio Lower Upper

129 100

127 73.5 53.6 99.6

