

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037538.D
 Acq On : 01 Apr 2020 22:29
 Operator : JC/MD
 Sample : L2065-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 01:40:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 02 01:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	87013	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	82542	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	39603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20416	2.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.00%
7) Chloroethane-d5	1.93	69	21153	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.59	63	29694	2.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.80%#
20) 2-Butanone-d5	4.66	46	83980	42.46	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.92%
24) Chloroform-d	5.10	84	41922	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.20%#
26) 1,2-Dichloroethane-d4	5.74	65	25938	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
32) Benzene-d6	5.76	84	87241	3.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.40%#
36) 1,2-Dichloropropane-d6	6.72	67	30603	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.20%
41) Toluene-d8	7.93	98	75238	3.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.40%#
43) trans-1,3-Dichloropropene-	8.20	79	11859	3.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.00%
46) 2-Hexanone-d5	8.65	63	71899	39.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	26825	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	29931	3.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.40%#

Target Compounds

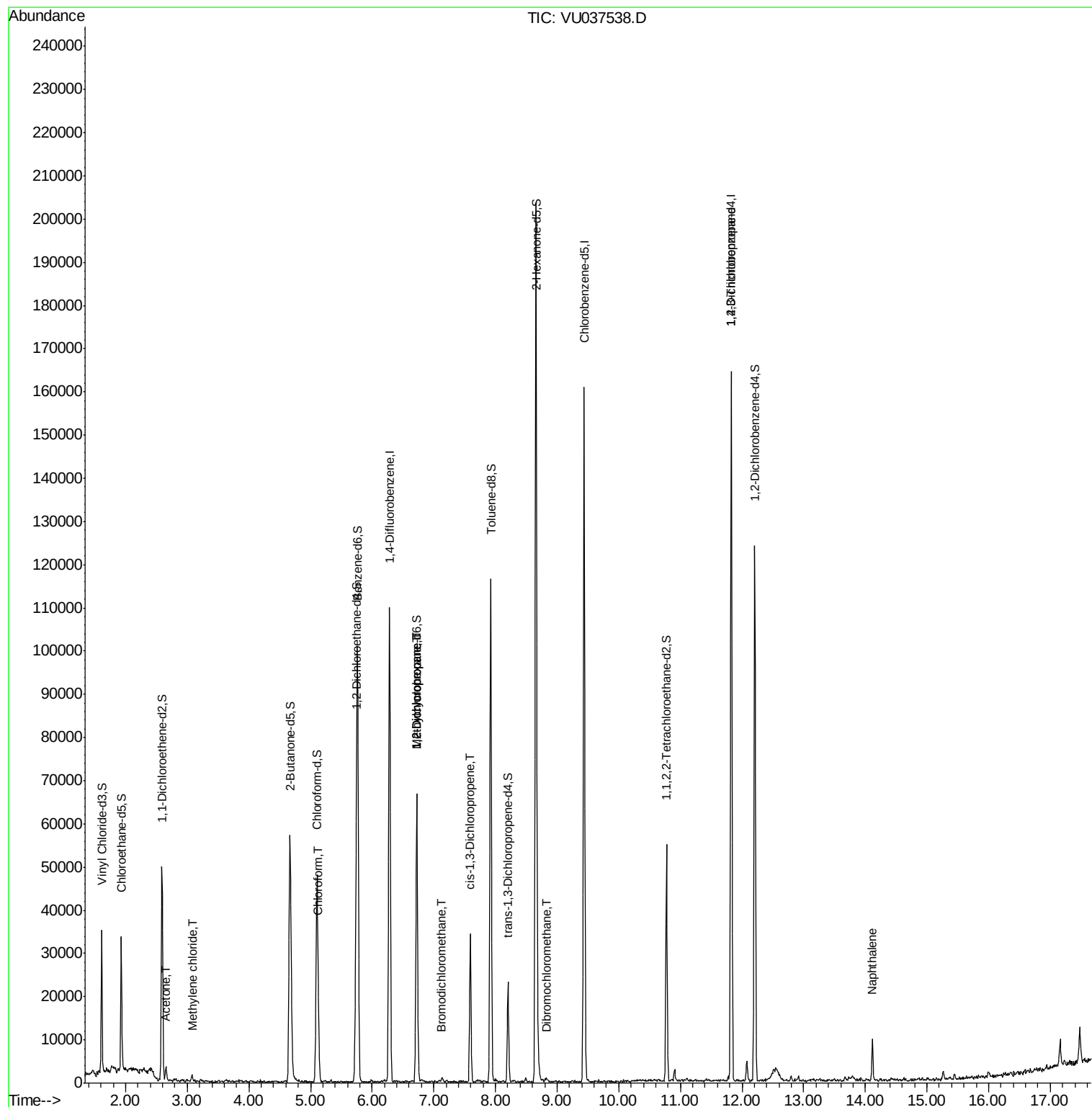
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	3689	3.309	ug/L	100
16) Methylene chloride	3.08	84	688	0.102	ug/L	92
25) Chloroform	5.13	83	6829	0.565	ug/L	88
35) Methylcyclohexane	6.73	83	6637	0.574	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	3392	0.480	ug/L #	90
38) Bromodichloromethane	7.13	83	1061	0.118	ug/L #	81
39) cis-1,3-Dichloropropene	7.59	75	828	0.077	ug/L #	42
49) Dibromochloromethane	8.83	129	560	0.095	ug/L	94
59) 1,2,3-Trichloropropane	11.83	75	5482	1.182	ug/L #	84
69) Naphthalene	14.11	128	7866	0.402	ug/L	97

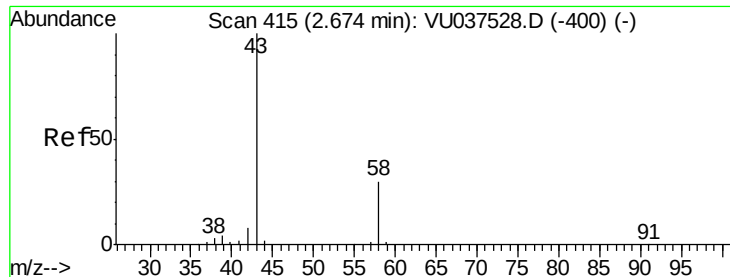
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 02 01:37:22 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.309 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU037538.D

Acq: 01 Apr 2020 22:29

Instrument :

MSVOA_U

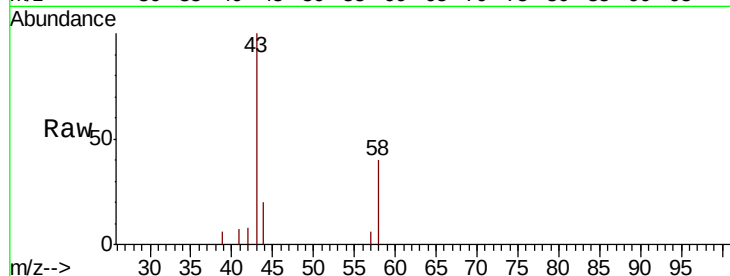
ClientSampleId :

Tot Ion: 43 Resp: 3689

Ion Ratio Lower Upper

43 100

58 34.0 0.0 68.2



Abundance Ion 43.05 (42.75 to 43.75): VU037538.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU037538.D (-400) (-)

2.66

2000

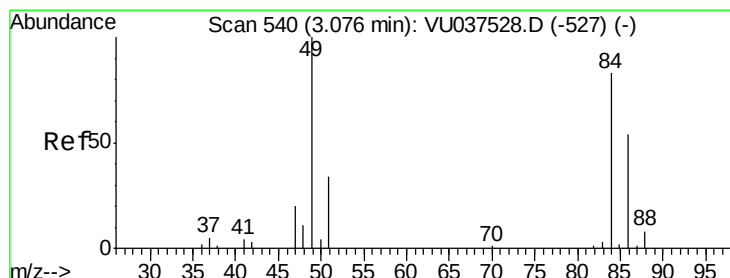
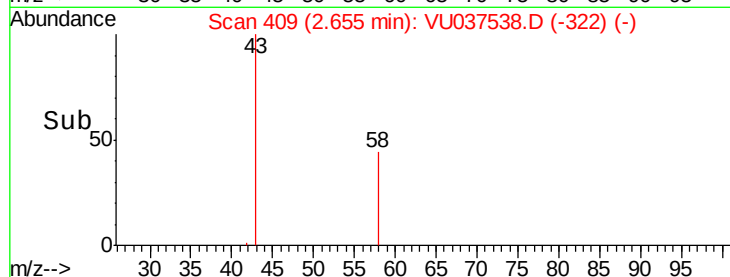
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 0.102 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU037538.D

Acq: 01 Apr 2020 22:29

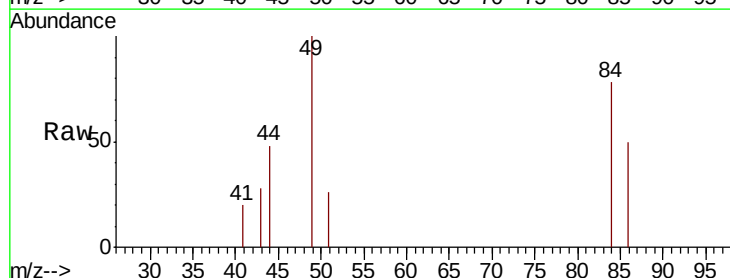
Tgt Ion: 84 Resp: 688

Ion Ratio Lower Upper

84 100

86 64.7 41.6 77.3

49 128.6 97.0 180.2



Abundance Ion 84.05 (83.75 to 84.75): VU037538.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU037538.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU037538.D (-527) (-)

3.08

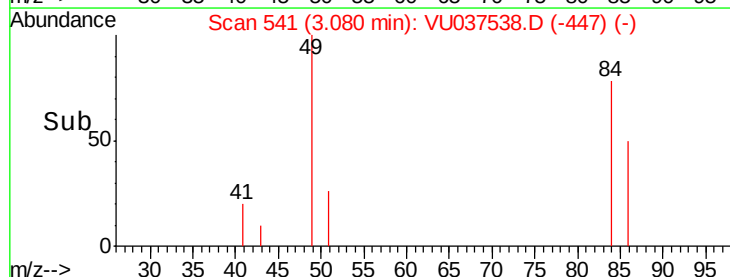
600

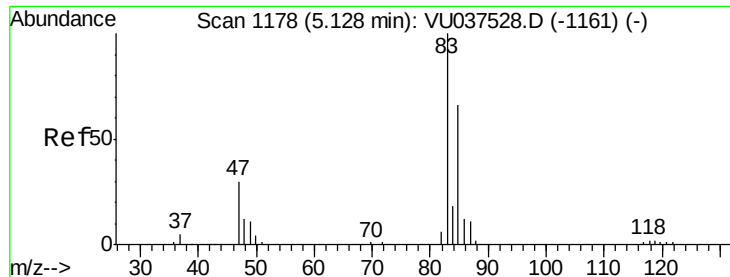
400

200

0

Time-->

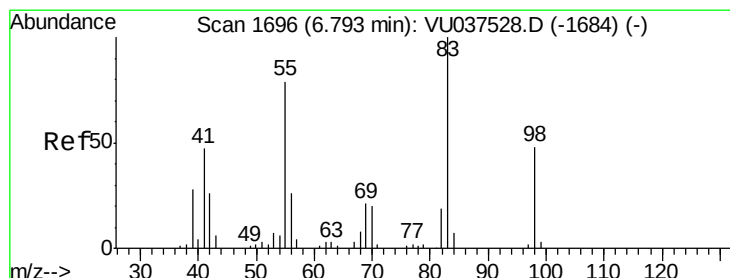
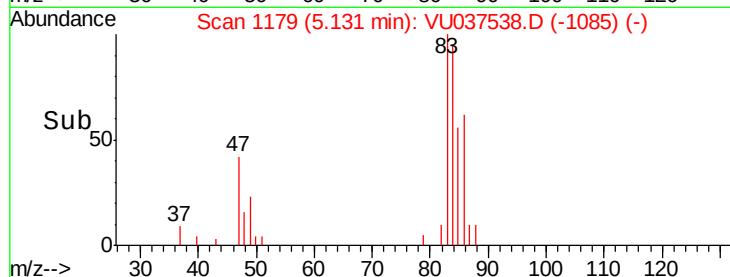
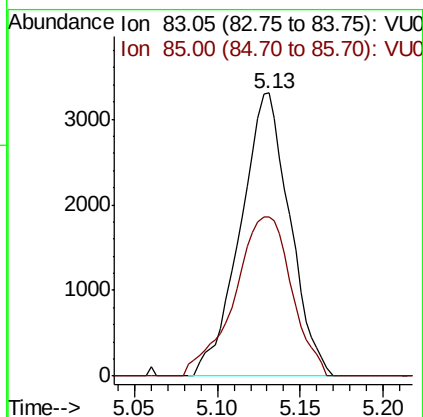
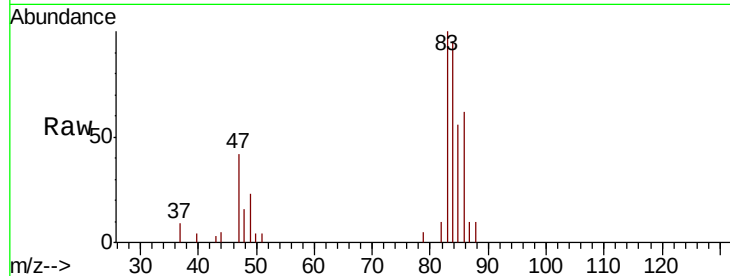




#25
Chloroform
Concen: 0.565 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037538.D
Acq: 01 Apr 2020 22:29

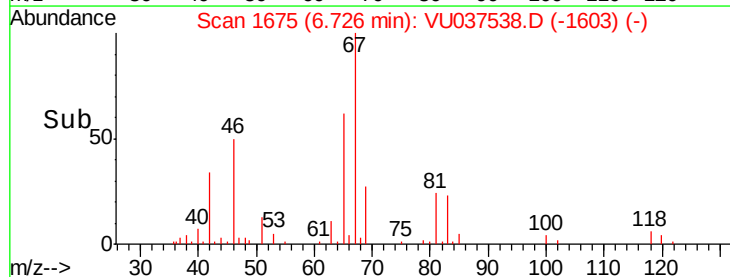
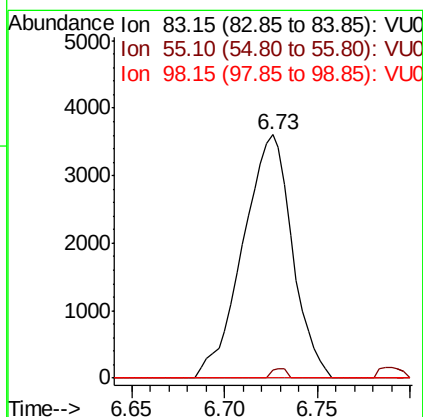
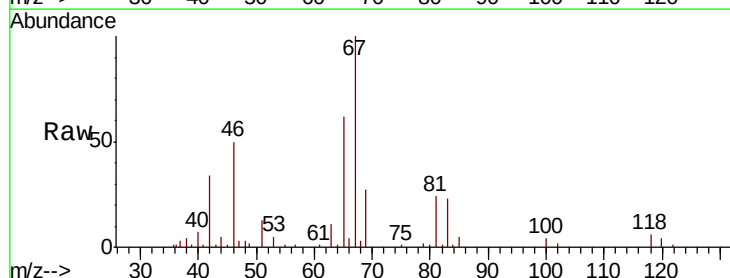
Instrument :
MSVOA_U
ClientSampleId :

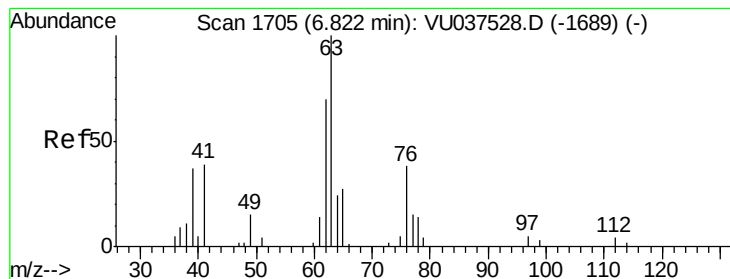
Tot Ion: 83 Resp: 6829
Ion Ratio Lower Upper
83 100
85 56.3 45.8 85.2



#35
Methylcyclohexane
Concen: 0.574 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037538.D
Acq: 01 Apr 2020 22:29

Tgt Ion: 83 Resp: 6637
Ion Ratio Lower Upper
83 100
55 1.1 63.0 94.6#
98 0.7 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.480 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037538.D

Acq: 01 Apr 2020 22:29

Instrument :

MSVOA_U

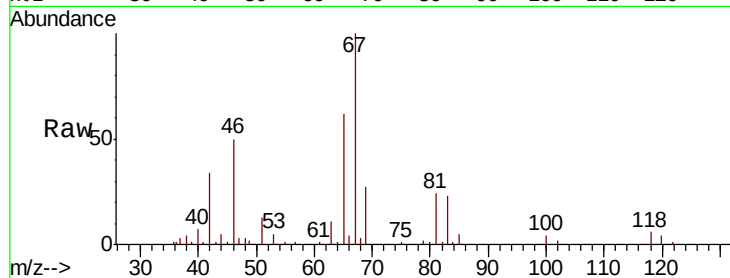
ClientSampleId :

Tot Ion: 63 Resp: 3392

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VU037538.D (-1675) (-)

Ion 112.10 (111.80 to 112.80): VU037538.D (-1675) (-)

6.73

1500

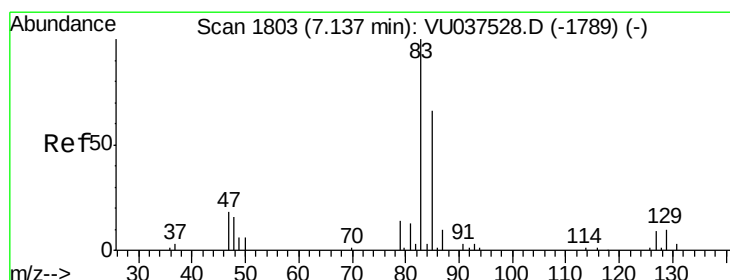
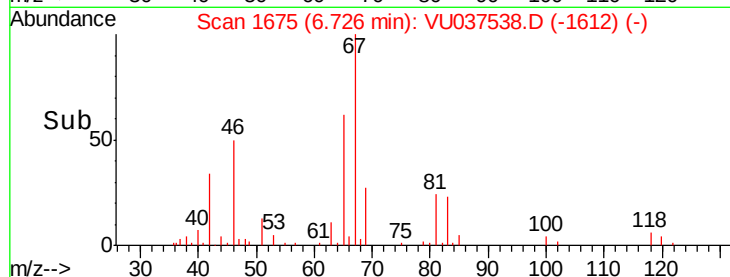
1000

500

0

6.65 6.70 6.75

Time-->



#38

Bromodichloromethane

Concen: 0.118 ug/L

RT: 7.13 min Scan# 1801

Delta R.T. -0.01 min

Lab File: VU037538.D

Acq: 01 Apr 2020 22:29

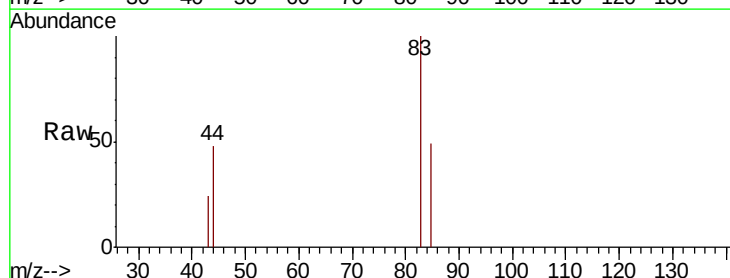
Tgt Ion: 83 Resp: 1061

Ion Ratio Lower Upper

83 100

85 49.0 44.4 82.5

127 0.0 6.5 9.7#



Abundance Ion 82.95 (82.65 to 83.65): VU037538.D (-1795) (-)

Ion 85.00 (84.70 to 85.70): VU037538.D (-1795) (-)

Ion 126.90 (126.60 to 127.60): VU037538.D (-1795) (-)

7.13

800

600

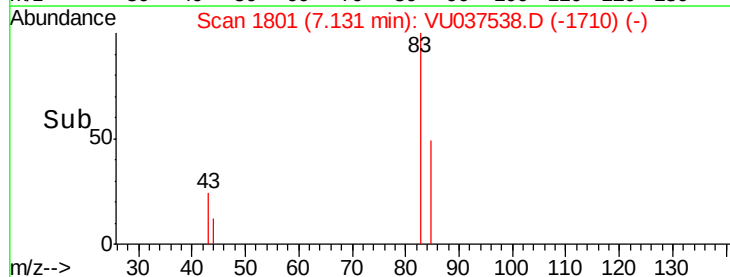
400

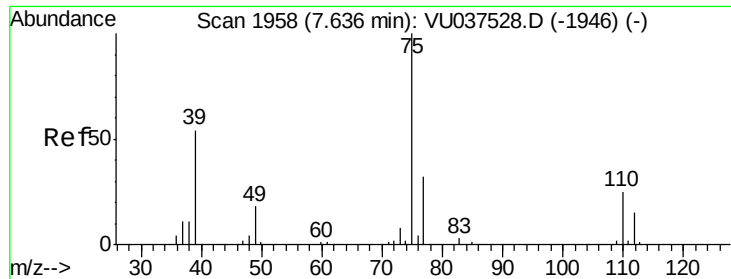
200

0

7.10 7.15

Time-->

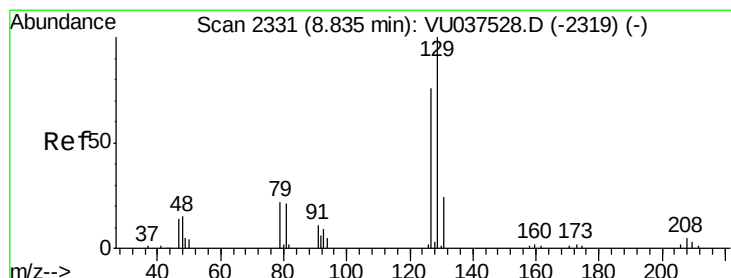
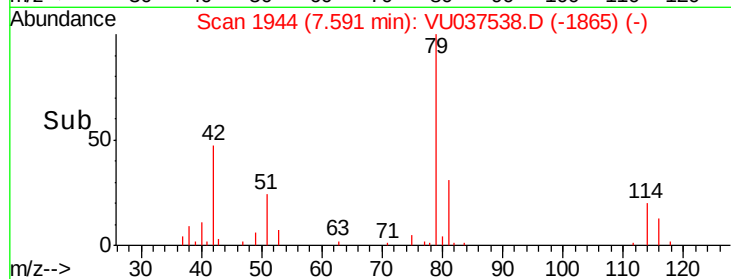
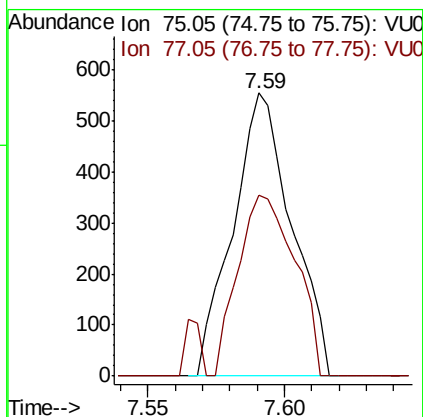
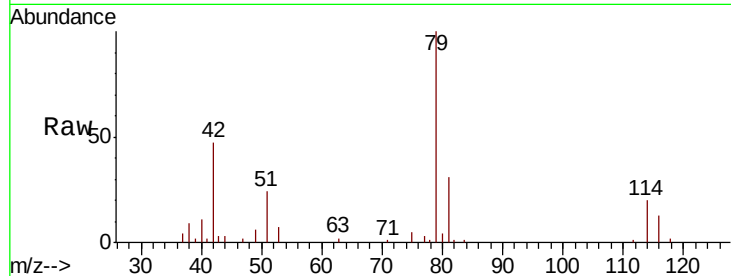




#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037538.D
 Acq: 01 Apr 2020 22:29

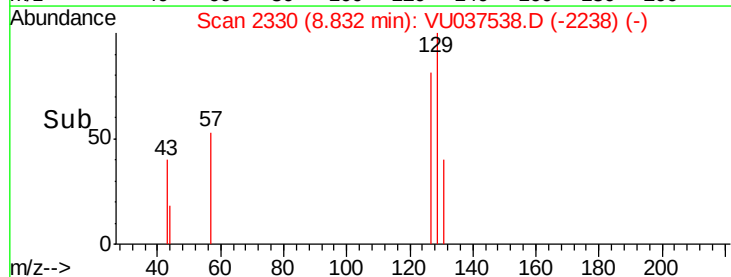
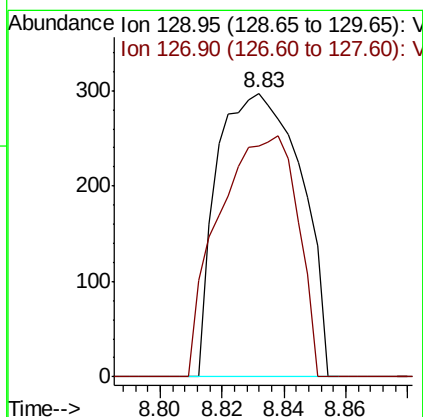
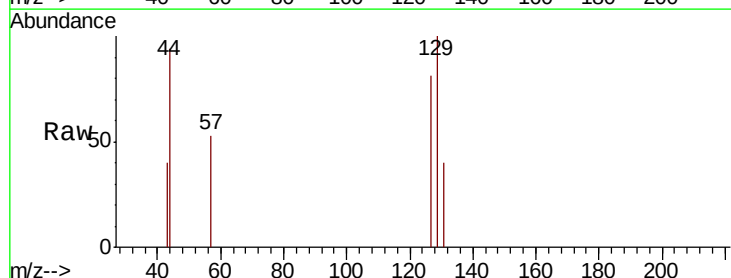
Instrument :
 MSVOA_U
 ClientSampleId :

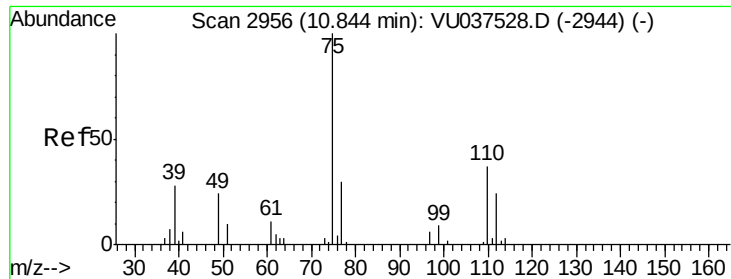
Tot Ion: 75 Resp: 828
 Ion Ratio Lower Upper
 75 100
 77 63.8 22.2 41.2#



#49
 Dibromochloromethane
 Concen: 0.095 ug/L
 RT: 8.83 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VU037538.D
 Acq: 01 Apr 2020 22:29

Tgt Ion:129 Resp: 560
 Ion Ratio Lower Upper
 129 100
 127 81.5 53.6 99.6

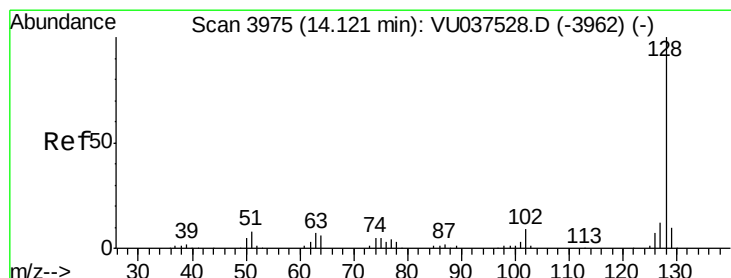
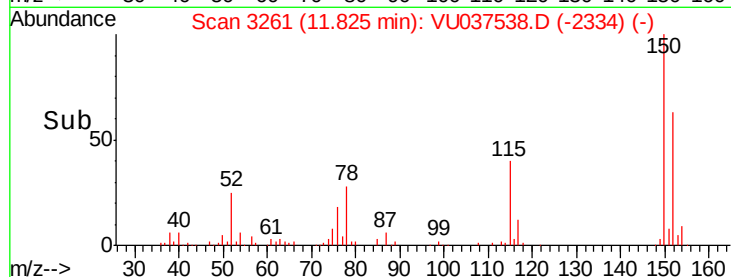
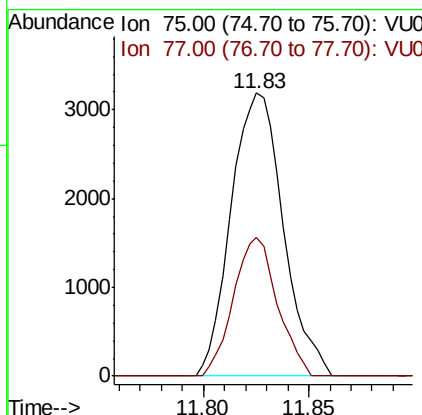
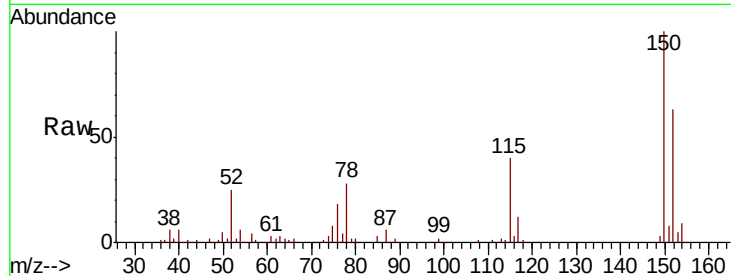




#59
 1,2,3-Trichloropropane
 Concen: 1.182 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037538.D
 Acq: 01 Apr 2020 22:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 5482
 Ion Ratio Lower Upper
 75 100
 77 41.2 25.8 38.6#



#69
 Naphthalene
 Concen: 0.402 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. -0.01 min
 Lab File: VU037538.D
 Acq: 01 Apr 2020 22:29

Tgt Ion: 128 Resp: 7866
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.4 12.6
 127 11.2 10.4 15.6

