

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037533.D
 Acq On : 01 Apr 2020 20:25
 Operator : JC/MD
 Sample : L2065-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 01:39:36 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	85102	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	83367	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	39750	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33108	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.93	69	26098	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.59	63	44701	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.66	46	86844	44.89	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.78%
24) Chloroform-d	5.10	84	51569	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.74	65	30523	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.76	84	116381	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.72	67	38812	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.92	98	108972	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.20	79	17023	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.66	63	82893	45.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	31244	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	39554	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

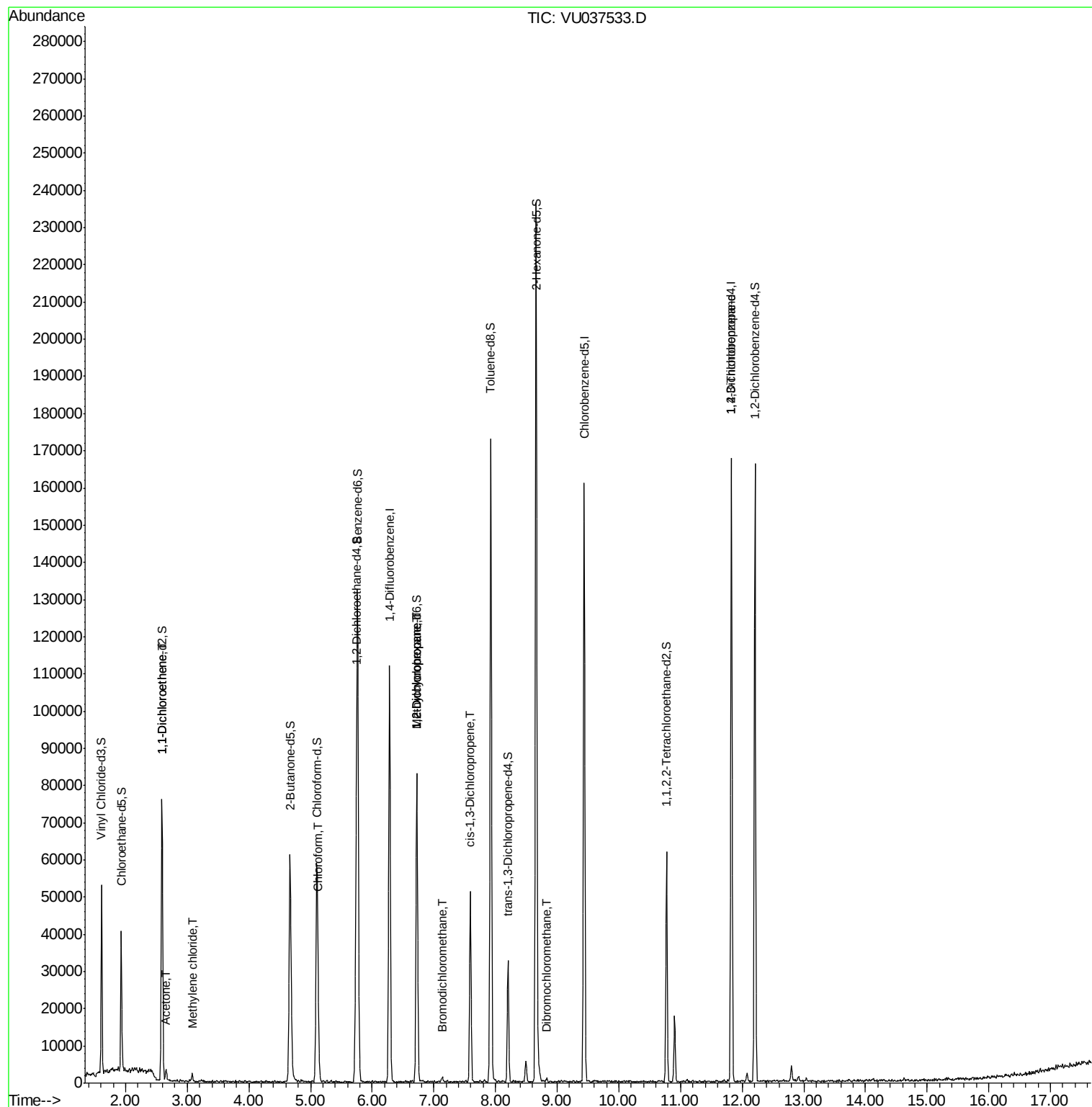
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	403	0.072	ug/L #	1
13) Acetone	2.66	43	3257	2.987	ug/L	99
16) Methylene chloride	3.08	84	841	0.127	ug/L	80
25) Chloroform	5.13	83	6775	0.573	ug/L	99
35) Methylcyclohexane	6.72	83	8527	0.730	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	4661	0.653	ug/L #	90
38) Bromodichloromethane	7.14	83	1125	0.123	ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	1118	0.102	ug/L #	49
49) Dibromochloromethane	8.83	129	576	0.097	ug/L	86
59) 1,2,3-Trichloropropane	11.83	75	5896	1.259	ug/L #	79

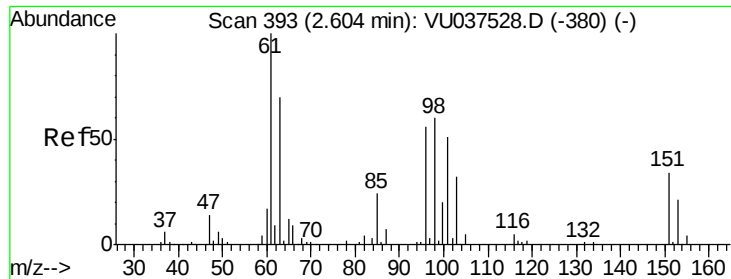
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 02 01:39:36 2020
Quant Method : Z:\V0ASRV\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

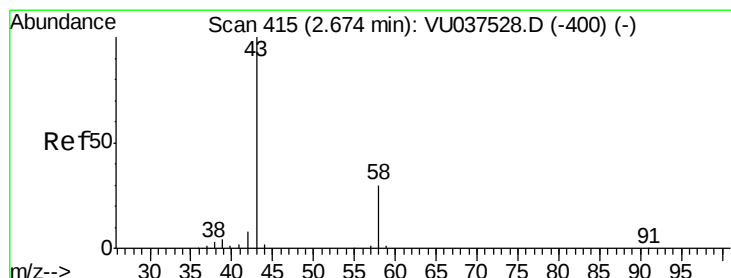
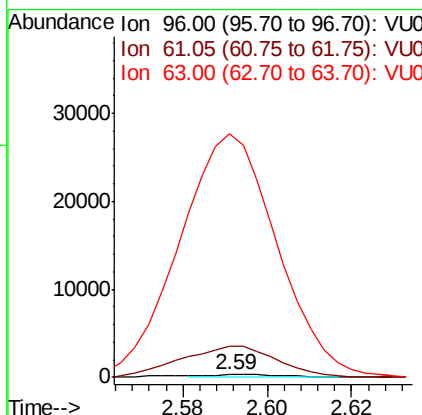
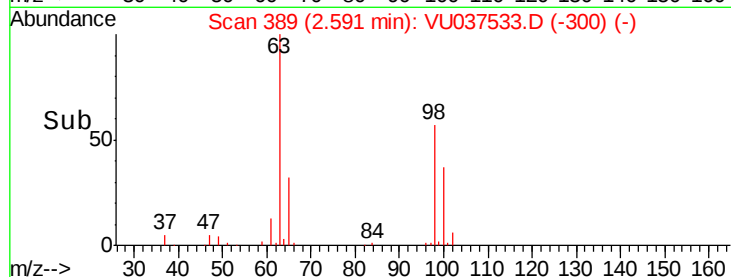
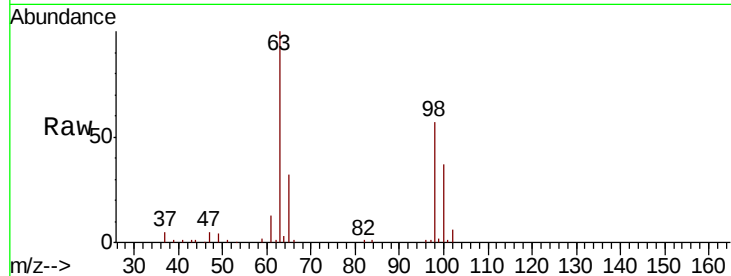




#12
 1,1-Dichloroethene
 Concen: 0.072 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU037533.D
 Acq: 01 Apr 2020 20:25

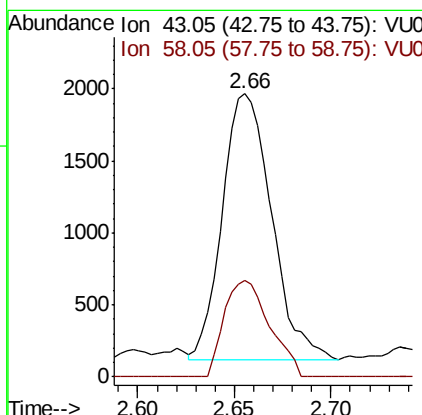
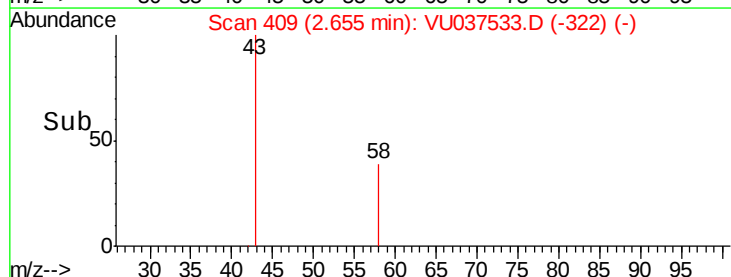
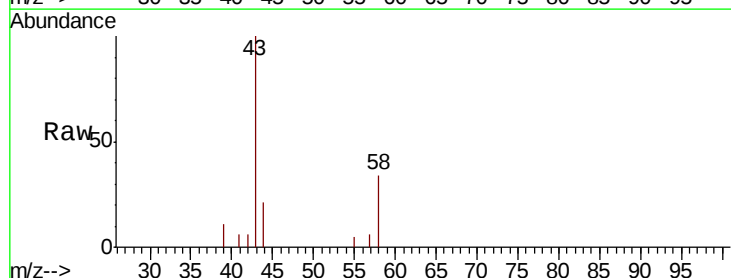
Instrument :
 MSVOA_U
 ClientSampleId :

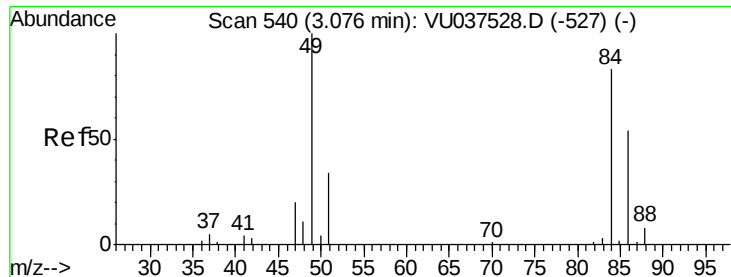
Tot Ion: 96 Resp: 403
 Ion Ratio Lower Upper
 96 100
 61 1092.9 123.4 229.2#
 63 8596.3 90.4 168.0#



#13
 Acetone
 Concen: 2.987 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: VU037533.D
 Acq: 01 Apr 2020 20:25

Tgt Ion: 43 Resp: 3257
 Ion Ratio Lower Upper
 43 100
 58 33.5 0.0 68.2

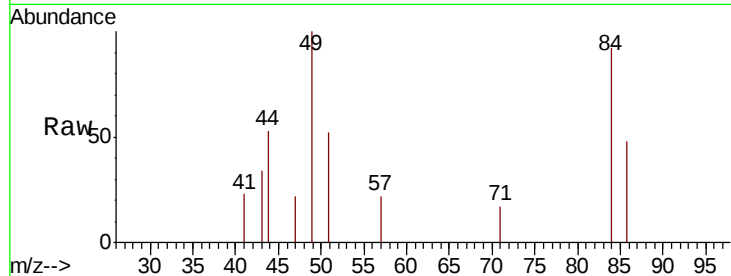




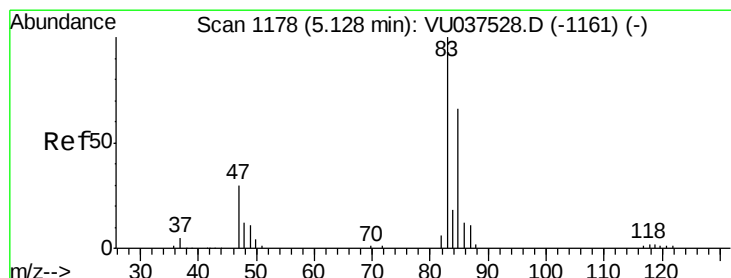
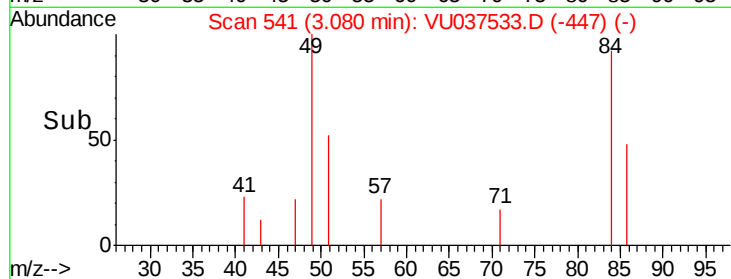
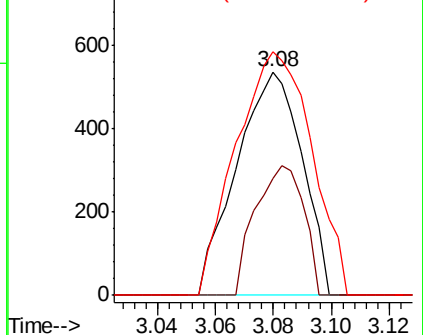
#16
Methylene chloride
Concen: 0.127 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU037533.D
Acq: 01 Apr 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 841
Ion Ratio Lower Upper
84 100
86 52.1 41.6 77.3
49 109.1 97.0 180.2

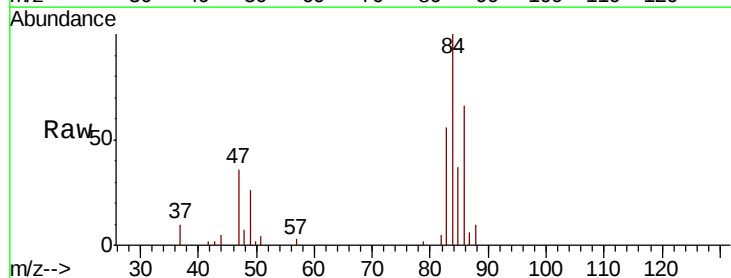


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

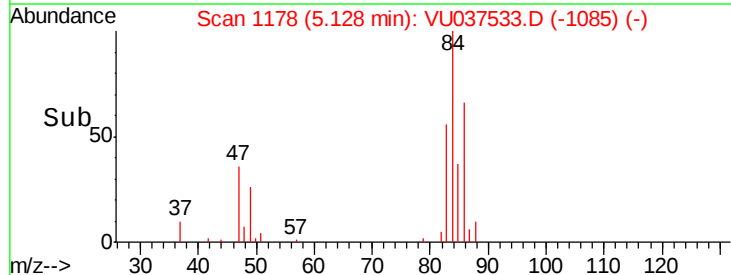
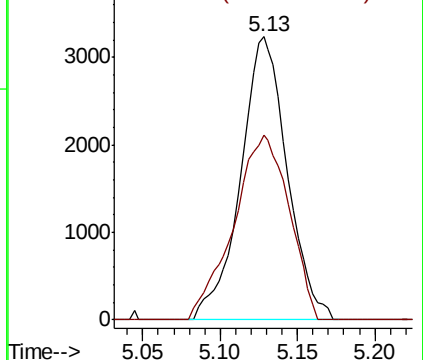


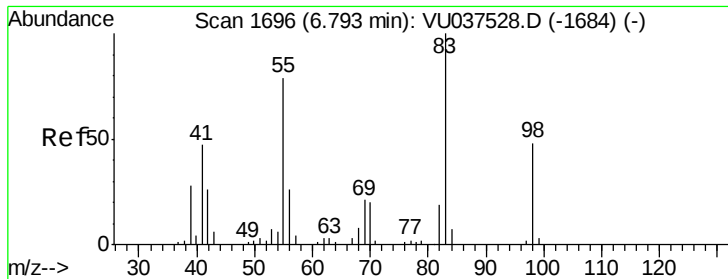
#25
Chloroform
Concen: 0.573 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037533.D
Acq: 01 Apr 2020 20:25

Tgt Ion: 83 Resp: 6775
Ion Ratio Lower Upper
83 100
85 65.1 45.8 85.2



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





#35

Methylcyclohexane

Concen: 0.730 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037533.D

Acq: 01 Apr 2020 20:25

Instrument :

MSVOA_U

ClientSampleId :

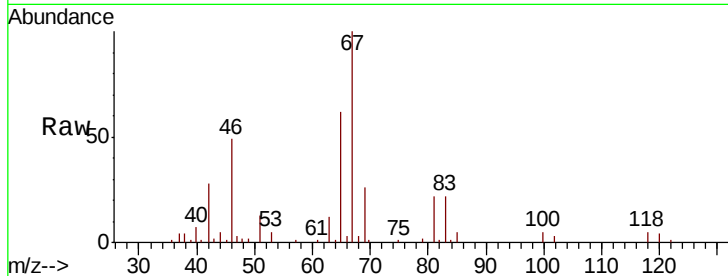
Tot Ion: 83 Resp: 8527

Ion Ratio Lower Upper

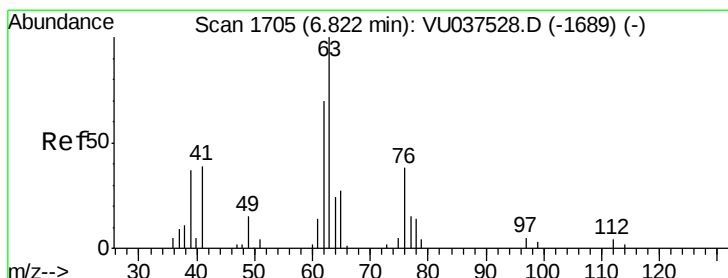
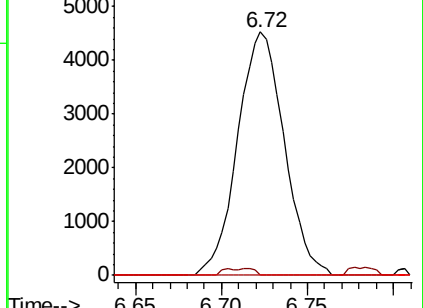
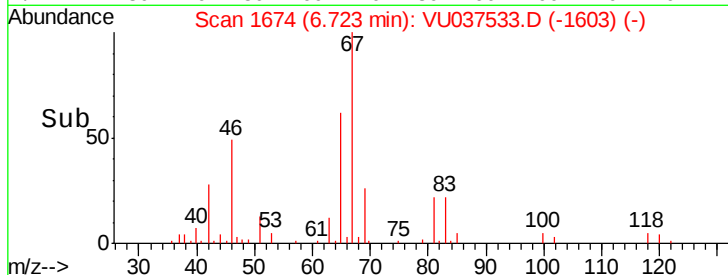
83 100

55 1.0 63.0 94.6#

98 0.0 35.3 52.9#



Abundance Ion 83.15 (82.85 to 83.85): VU037533.D (-1603) (-)



#37

1,2-Dichloropropane

Concen: 0.653 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037533.D

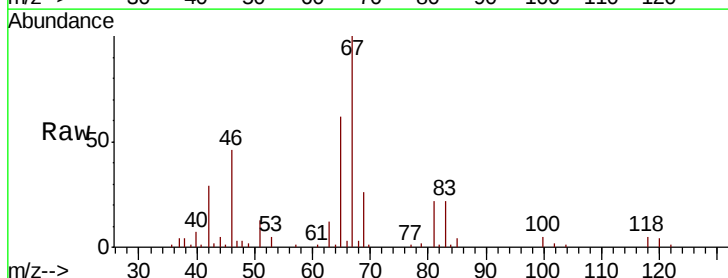
Acq: 01 Apr 2020 20:25

Tgt Ion: 63 Resp: 4661

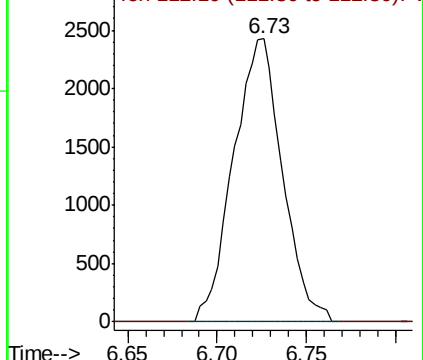
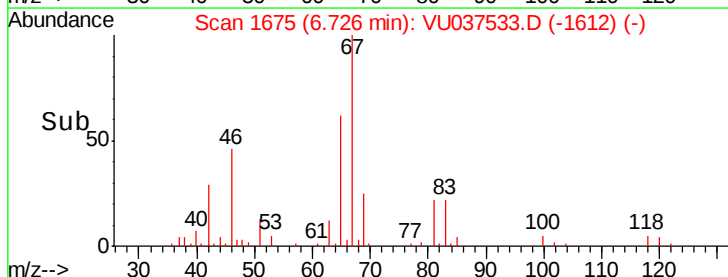
Ion Ratio Lower Upper

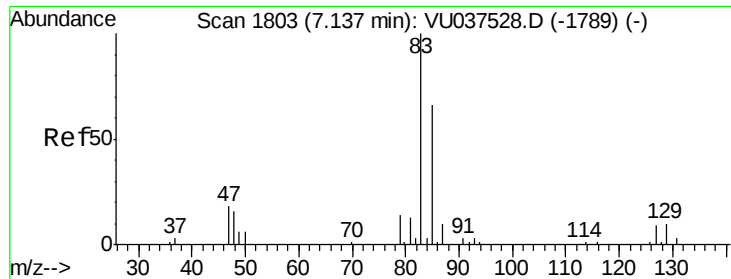
63 100

112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VU037533.D (-1612) (-)





#38

Bromodichloromethane

Concen: 0.123 ug/L

RT: 7.14 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VU037533.D

Acq: 01 Apr 2020 20:25

Instrument :

MSVOA_U

ClientSampleId :

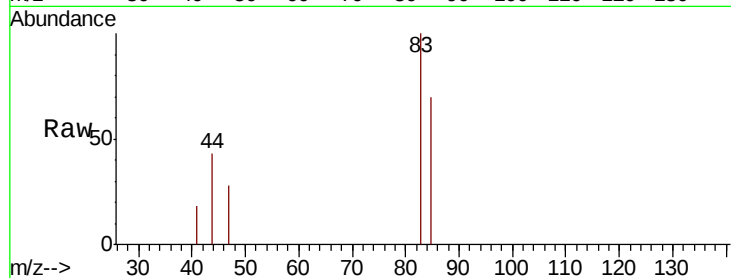
Tot Ion: 83 Resp: 1125

Ion Ratio Lower Upper

83 100

85 70.4 44.4 82.5

127 0.0 6.5 9.7#

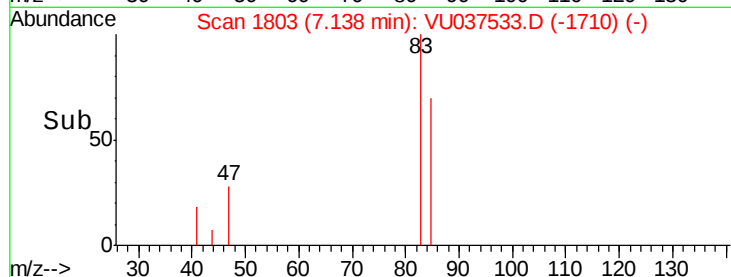


Abundance Ion 82.95 (82.65 to 83.65): VU037528.D (-1789) (-)

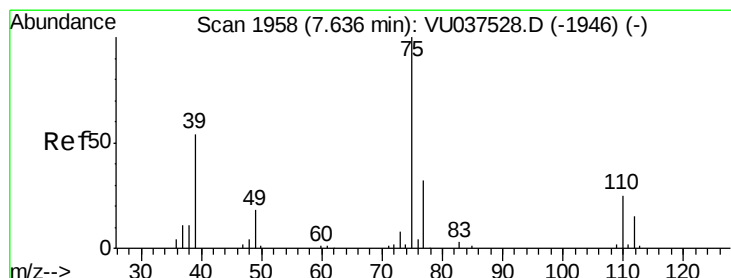
Ion 85.00 (84.70 to 85.70): VU037528.D (-1789) (-)

Ion 126.90 (126.60 to 127.60): VU037528.D (-1789) (-)

Time-->



Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037533.D

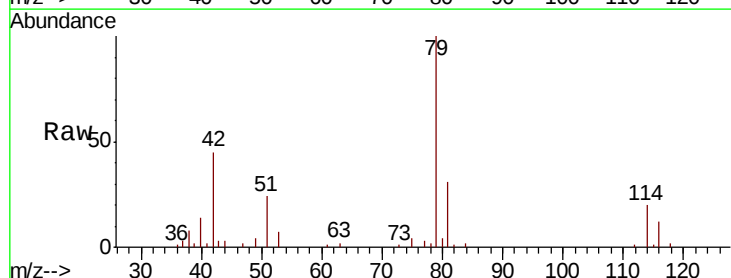
Acq: 01 Apr 2020 20:25

Tgt Ion: 75 Resp: 1118

Ion Ratio Lower Upper

75 100

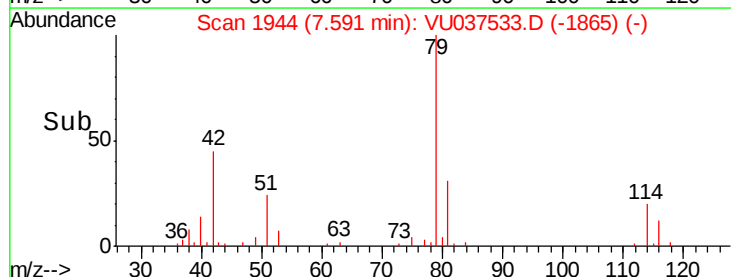
77 59.9 22.2 41.2#



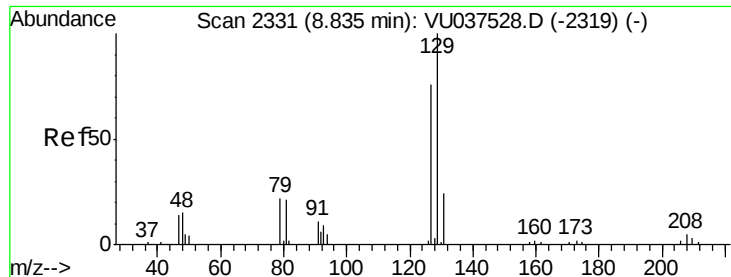
Abundance Ion 75.05 (74.75 to 75.75): VU037528.D (-1946) (-)

Ion 77.05 (76.75 to 77.75): VU037528.D (-1946) (-)

Time-->



Time-->



#49

Dibromochloromethane

Concen: 0.097 ug/L

RT: 8.83 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VU037533.D

Acq: 01 Apr 2020 20:25

Instrument :

MSVOA_U

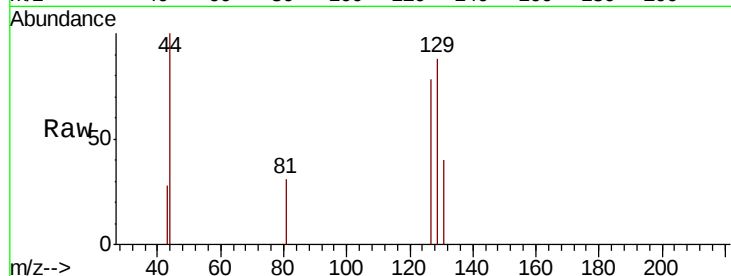
ClientSampleId :

Tot Ion:129 Resp: 576

Ion Ratio Lower Upper

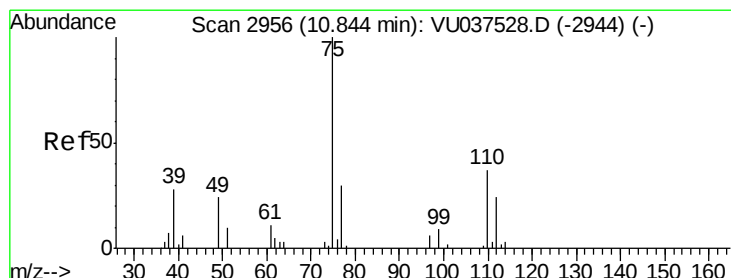
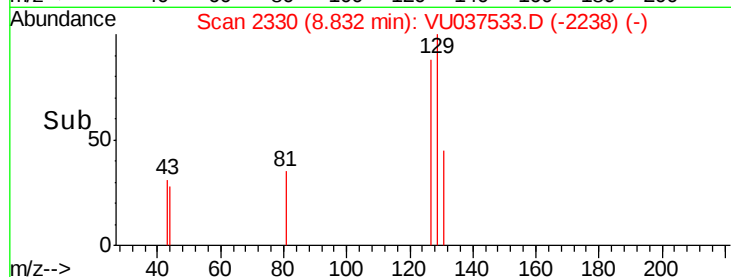
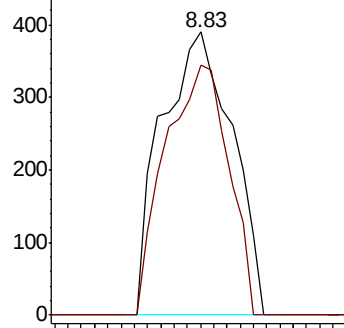
129 100

127 88.5 53.6 99.6



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.259 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037533.D

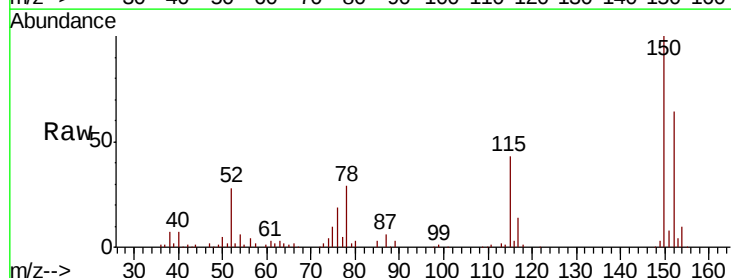
Acq: 01 Apr 2020 20:25

Tgt Ion: 75 Resp: 5896

Ion Ratio Lower Upper

75 100

77 43.8 25.8 38.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

