

Data File : VU036753.D
Acq On : 12 Feb 2020 16:23
Operator : JC/MD
Sample : L1487-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCW1

Quant Time: Feb 13 01:03:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	138093	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	128342	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	56463	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	50387	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.93	69	46813	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.59	63	70227	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.68	46	129052	51.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.64%
24) Chloroform-d	5.11	84	85764	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.74	65	49003	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.76	84	185910	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.73	67	59190	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.93	98	170570	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.21	79	21914	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.66	63	112456	51.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.32%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	44467	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	54482	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

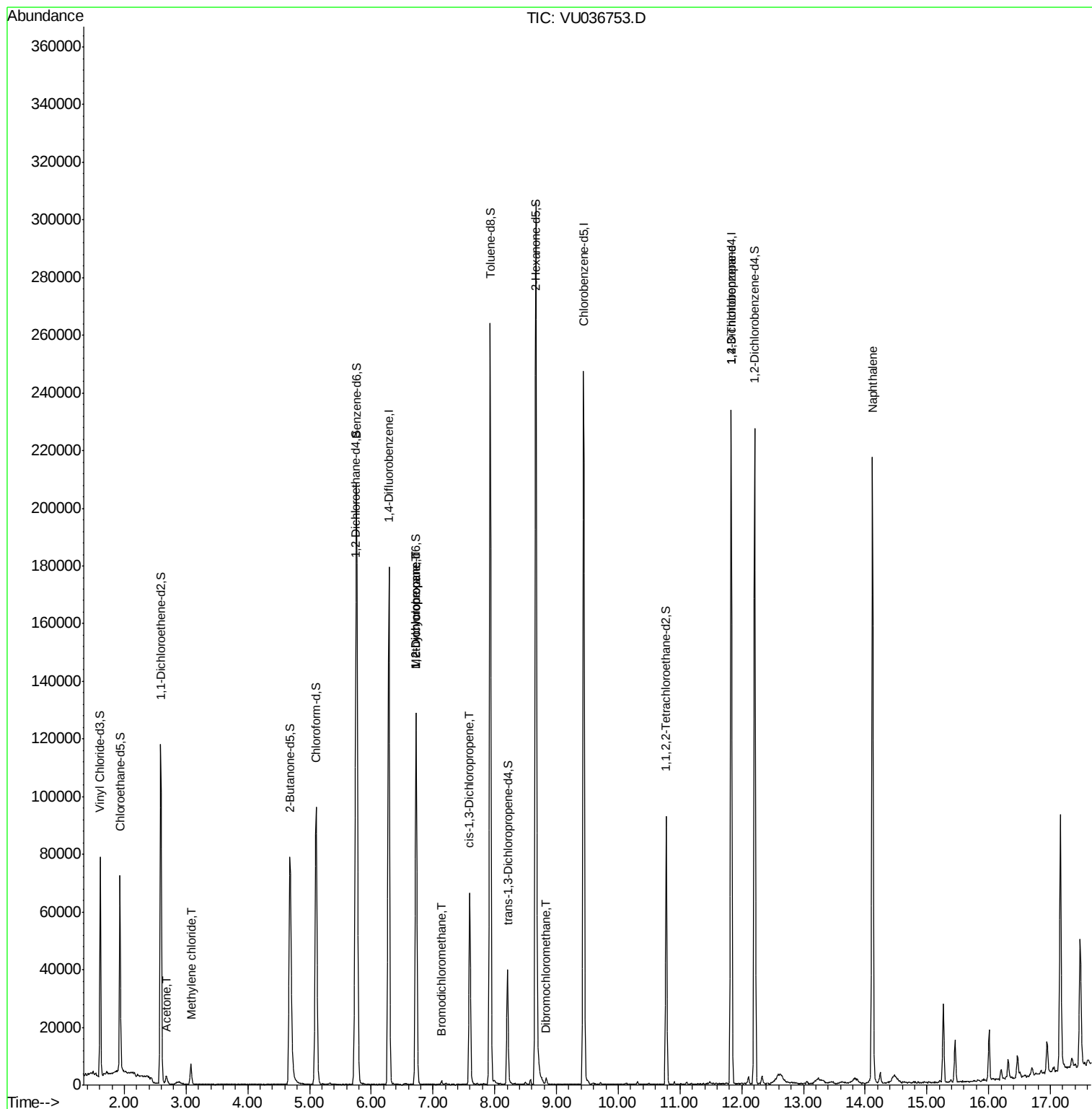
					Qvalue
13) Acetone	2.68	43	4286	1.346 ug/L	96
16) Methylene chloride	3.08	84	3261	0.230 ug/L	97
35) Methylcyclohexane	6.73	83	13114	0.820 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	6700	0.620 ug/L #	89
38) Bromodichloromethane	7.14	83	995	0.077 ug/L #	80
39) cis-1,3-Dichloropropene	7.59	75	1488	0.095 ug/L #	58
49) Dibromochloromethane	8.84	129	1211	0.156 ug/L	92
59) 1,2,3-Trichloropropane	11.83	75	8263	1.158 ug/L #	88
69) Naphthalene	14.12	128	168383	8.999 ug/L	100

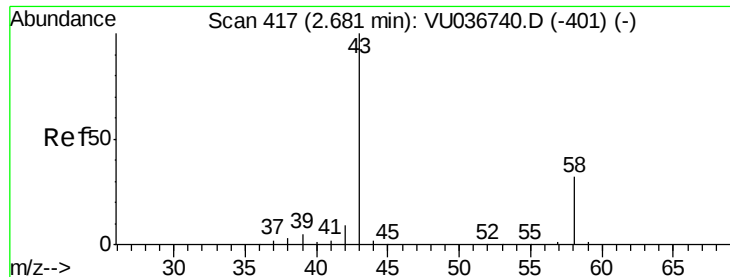
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.346 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU036753.D

Acq: 12 Feb 2020 16:23

Instrument :

MSVOA_U

ClientSampleId :

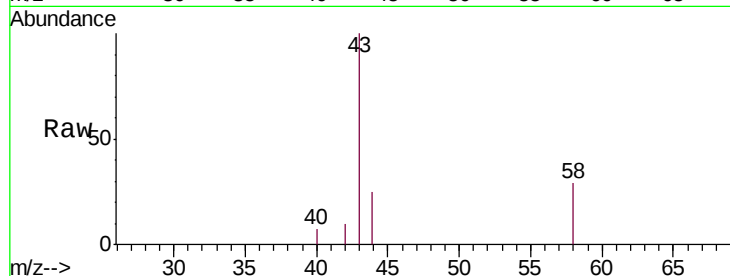
DBCW1

Tgt Ion: 43 Resp: 4286

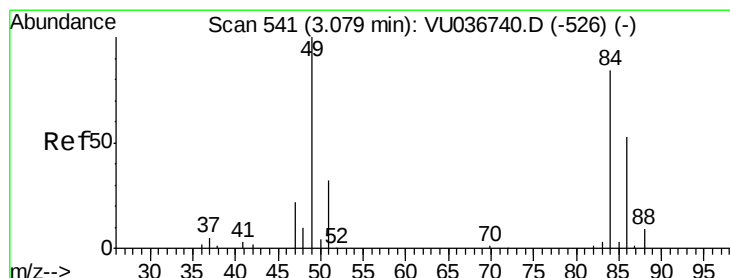
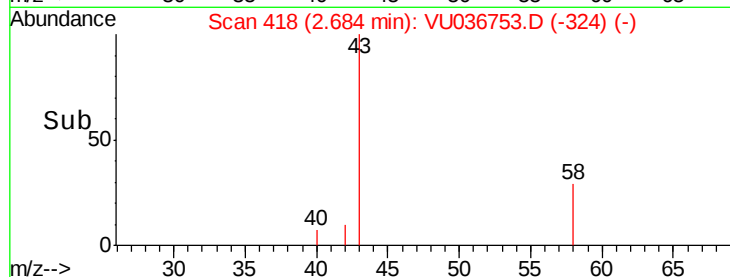
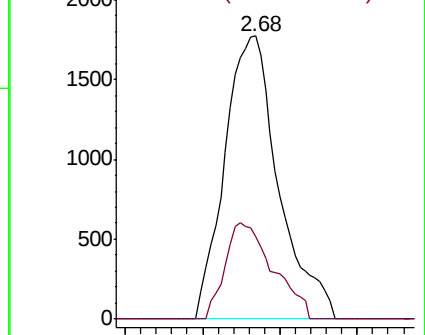
Ion Ratio Lower Upper

43 100

58 30.1 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036740.D (-401) (-)



#16

Methylene chloride

Concen: 0.230 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036753.D

Acq: 12 Feb 2020 16:23

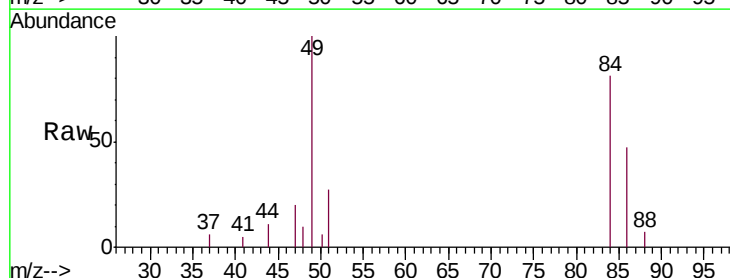
Tgt Ion: 84 Resp: 3261

Ion Ratio Lower Upper

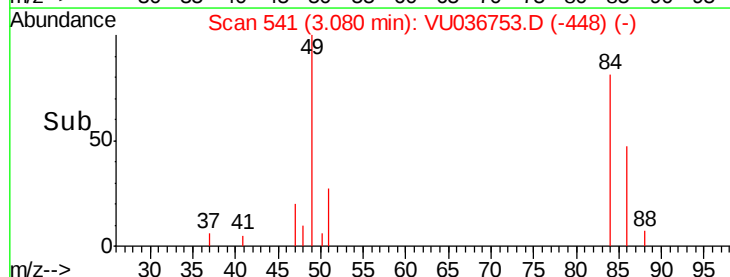
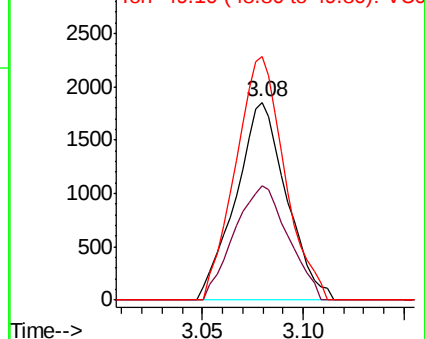
84 100

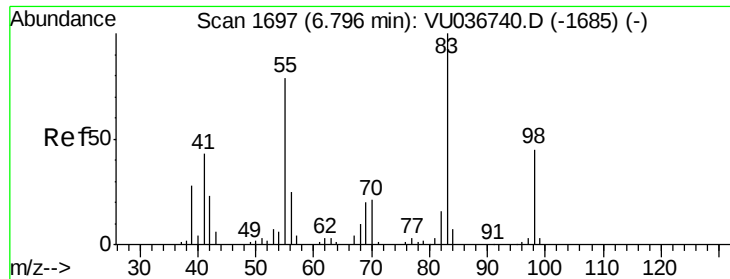
86 57.4 44.7 82.9

49 122.9 86.7 160.9



Abundance Ion 84.05 (83.75 to 84.75): VU036740.D (-526) (-)

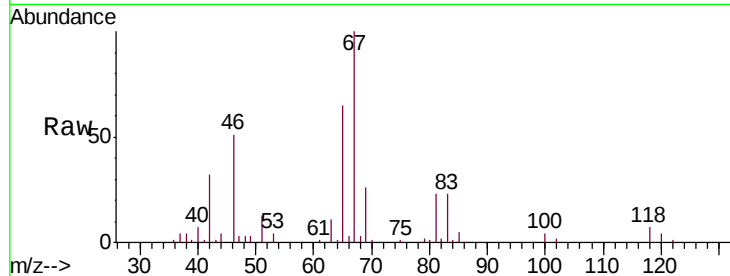




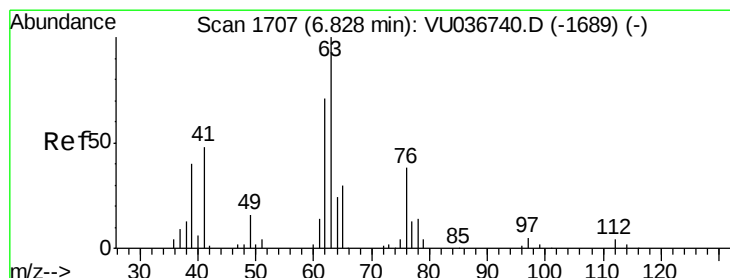
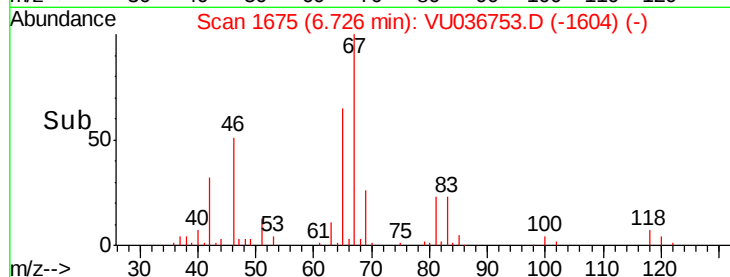
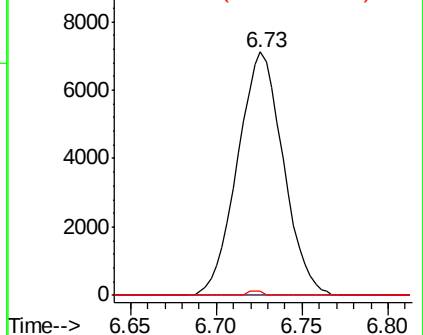
#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036753.D
Acq: 12 Feb 2020 16:23

Instrument :
MSVOA_U
ClientSampleId :
DBCW1

Tgt Ion: 83 Resp: 13114
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.5 34.2 51.4#

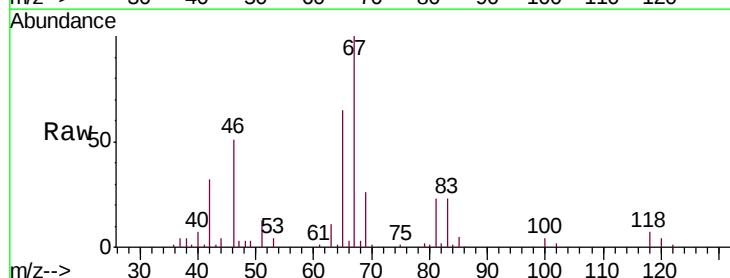


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

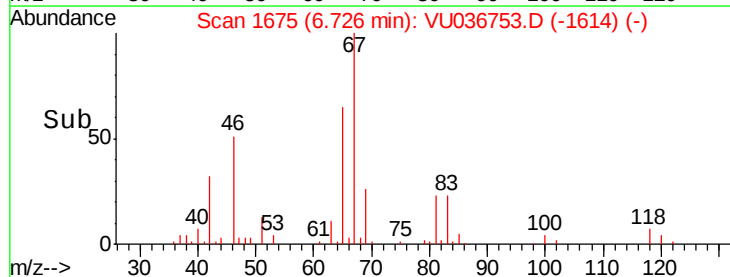
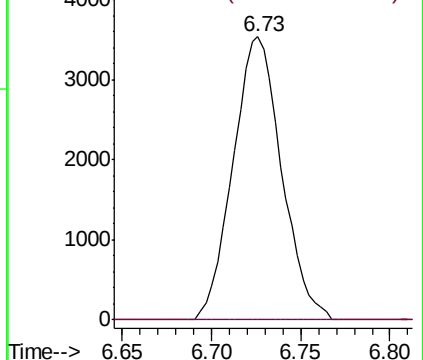


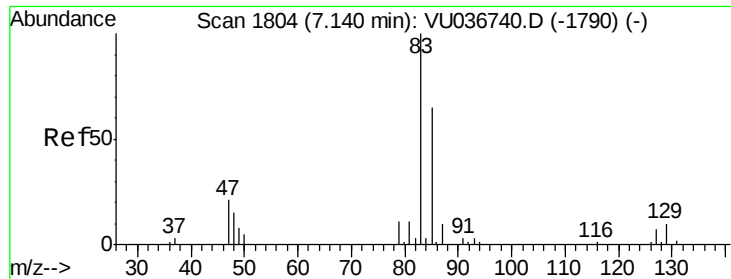
#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036753.D
Acq: 12 Feb 2020 16:23

Tgt Ion: 63 Resp: 6700
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



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

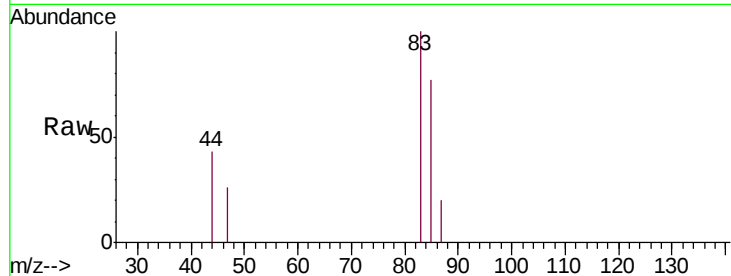




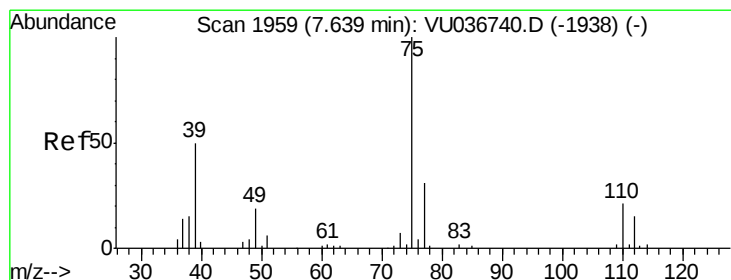
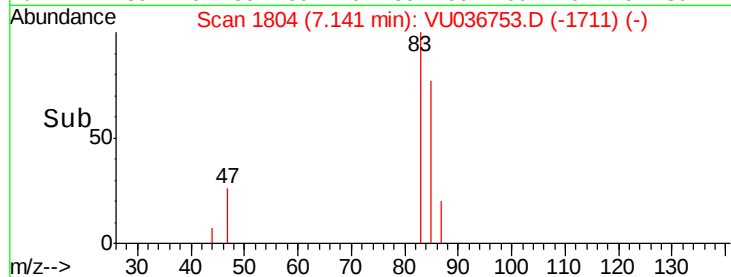
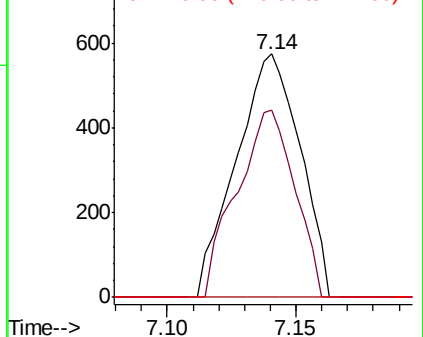
#38
 Bromodichloromethane
 Concen: 0.077 ug/L
 RT: 7.14 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VU036753.D
 Acq: 12 Feb 2020 16:23

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCW1

Tgt Ion: 83 Resp: 995
 Ion Ratio Lower Upper
 83 100
 85 76.8 43.0 80.0
 127 0.0 6.3 9.5#

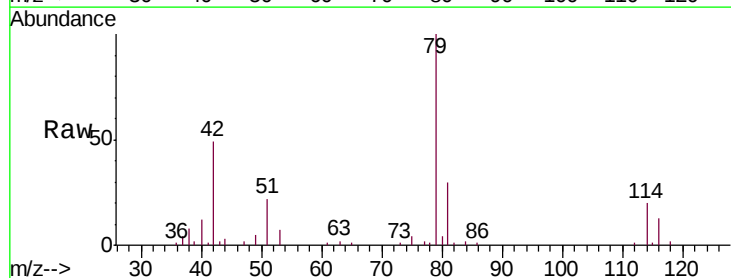


Abundance Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0
 Ion 126.90 (126.60 to 127.60): V

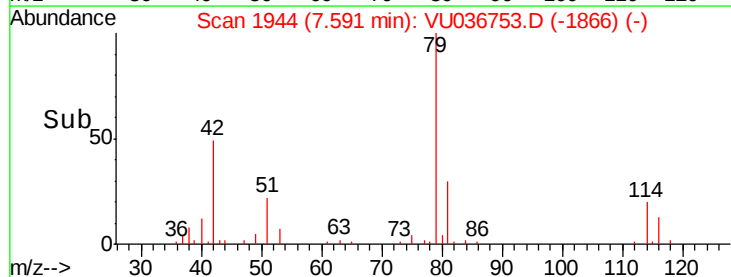
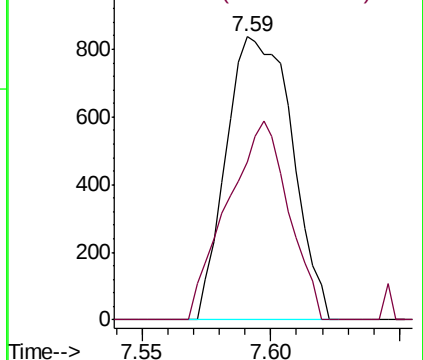


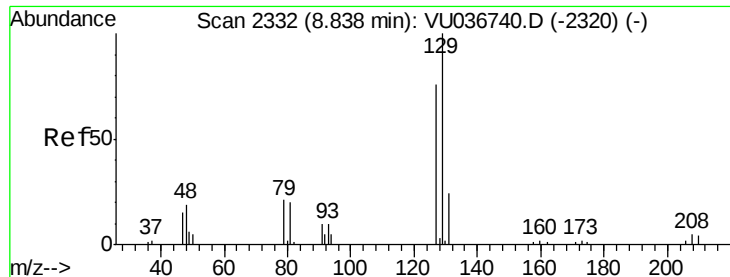
#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU036753.D
 Acq: 12 Feb 2020 16:23

Tgt Ion: 75 Resp: 1488
 Ion Ratio Lower Upper
 75 100
 77 55.9 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0





#49

Dibromochloromethane

Concen: 0.156 ug/L

RT: 8.84 min Scan# 2332

Delta R.T. 0.00 min

Lab File: VU036753.D

Acq: 12 Feb 2020 16:23

Instrument :

MSVOA_U

ClientSampleId :

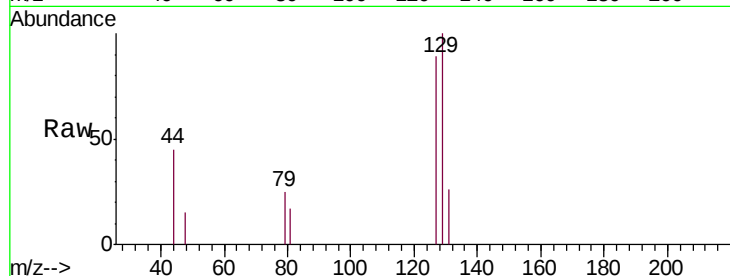
DBCW1

Tgt Ion:129 Resp: 1211

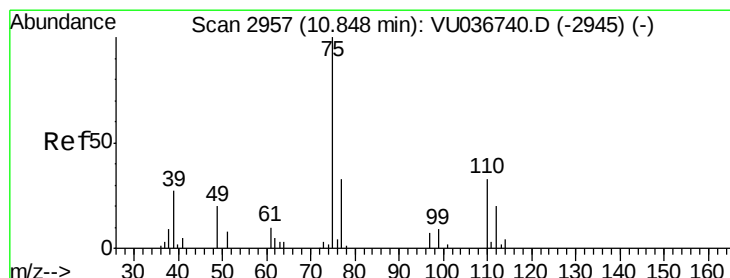
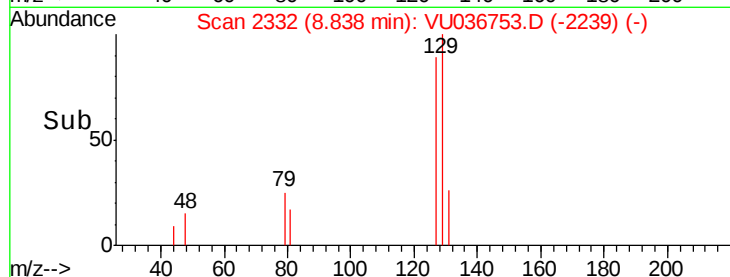
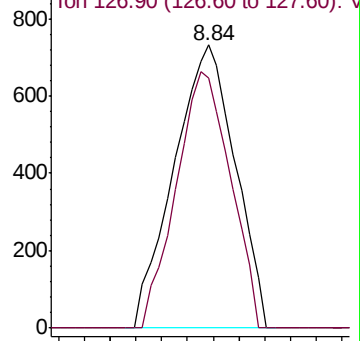
Ion Ratio Lower Upper

129 100

127 88.5 56.7 105.3



Abundance Ion 128.95 (128.65 to 129.65): V



#59

1,2,3-Trichloropropane

Concen: 1.158 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036753.D

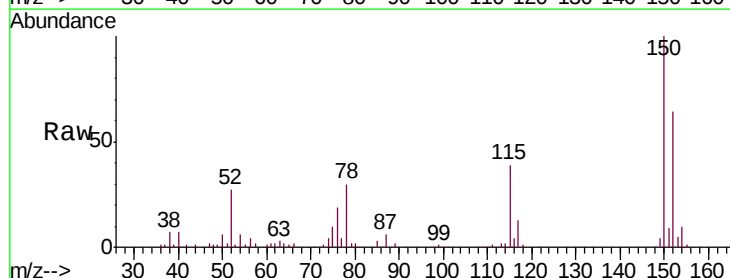
Acq: 12 Feb 2020 16:23

Tgt Ion: 75 Resp: 8263

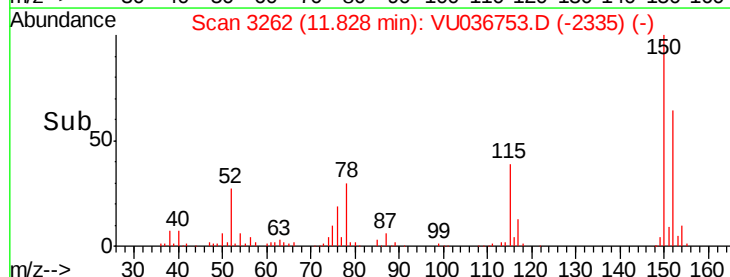
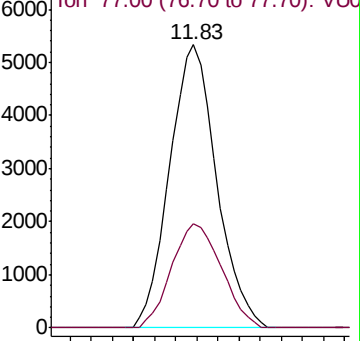
Ion Ratio Lower Upper

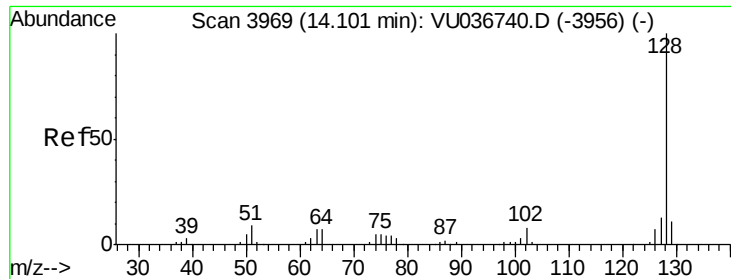
75 100

77 38.9 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0





#69

Naphthalene

Concen: 8.999 ug/L

RT: 14.12 min Scan# 3974

Delta R.T. 0.02 min

Lab File: VU036753.D

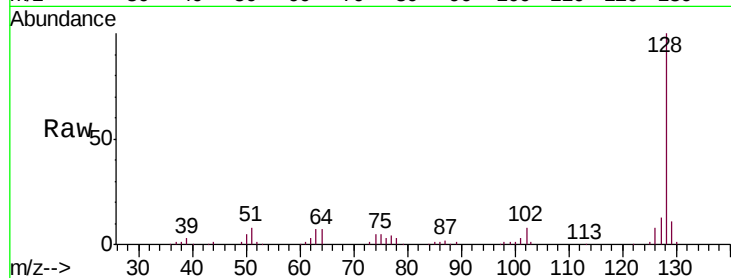
Acq: 12 Feb 2020 16:23

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ClientSampleId :

DBCW1



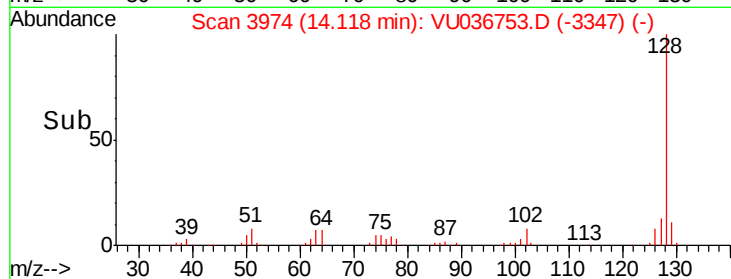
Tgt Ion:128 Resp: 168383

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

