

Data File : VU036759.D
Acq On : 12 Feb 2020 18:51
Operator : JC/MD
Sample : L1487-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCW4

Quant Time: Feb 13 01:04:51 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	6.28	114	121318	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	113500	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	52213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	46113	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	42036	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.59	63	65535	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.68	46	117334	53.63	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.26%
24) Chloroform-d	5.11	84	79892	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.74	65	46972	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.76	84	174359	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.73	67	54383	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.93	98	160276	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	8.21	79	20586	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.66	63	100191	51.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.08%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41263	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	52747	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

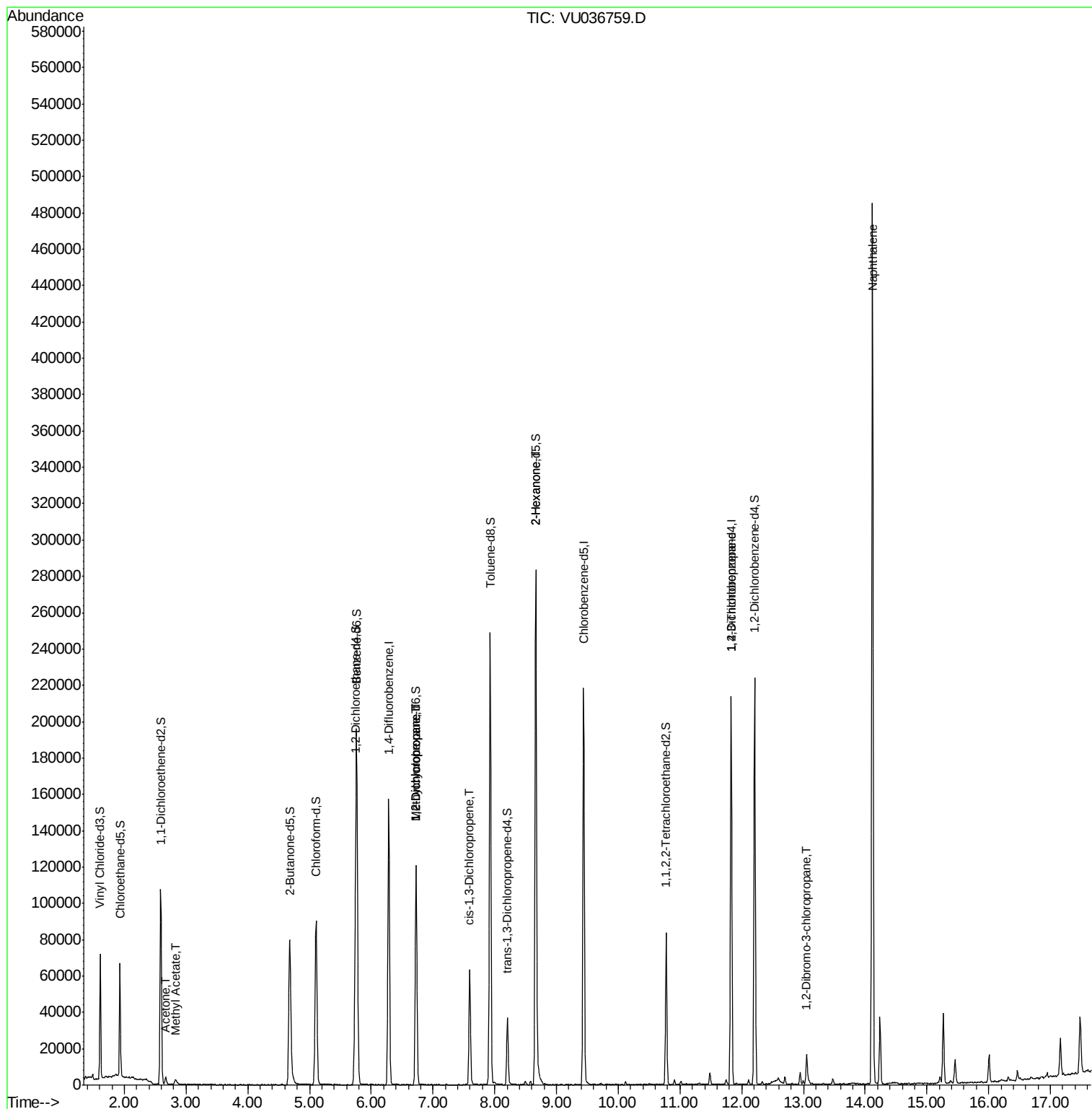
					Qvalue
13) Acetone	2.67	43	3581	1.280	ug/L 89
15) Methyl Acetate	2.83	43	1141	0.307	ug/L # 52
35) Methylcyclohexane	6.73	83	12167	0.860	ug/L # 19
37) 1,2-Dichloropropane	6.72	63	6297	0.659	ug/L # 89
39) cis-1,3-Dichloropropene	7.59	75	1354	0.098	ug/L # 65
48) 2-Hexanone	8.66	43	11907	2.256	ug/L # 68
59) 1,2,3-Trichloropropane	11.83	75	7850	1.244	ug/L 97
66) 1,2-Dibromo-3-chloropropan	13.05	75	358	0.277	ug/L # 11
69) Naphthalene	14.12	128	362320	20.940	ug/L 99

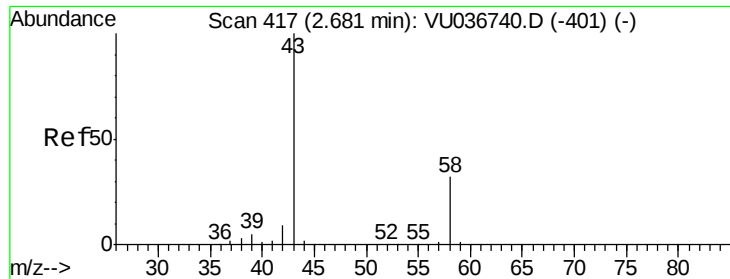
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.280 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU036759.D

Acq: 12 Feb 2020 18:51

Instrument :

MSVOA_U

ClientSampleId :

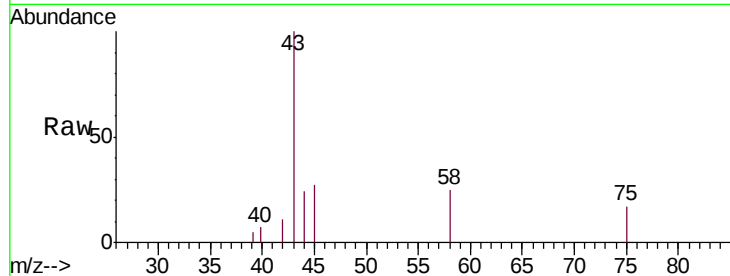
DBCW4

Tgt Ion: 43 Resp: 3581

Ion Ratio Lower Upper

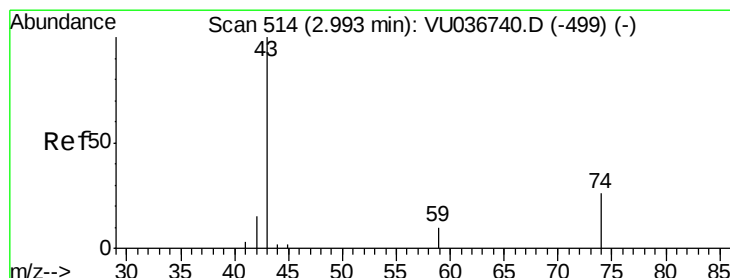
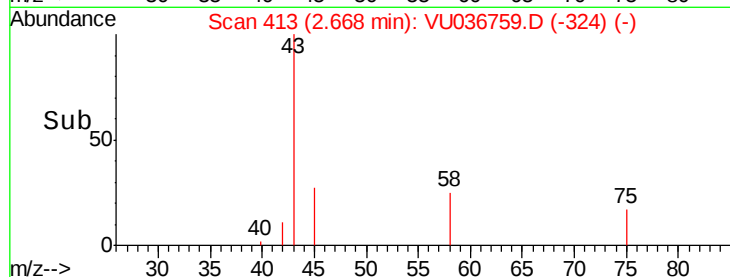
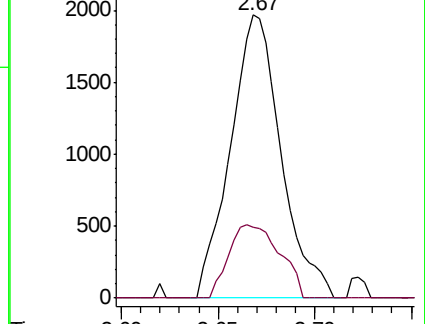
43 100

58 26.2 0.0 64.2



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

Ion 58.05 (57.75 to 58.75): VU036740.D (-401) (-)



#15

Methyl Acetate

Concen: 0.307 ug/L

RT: 2.83 min Scan# 462

Delta R.T. -0.17 min

Lab File: VU036759.D

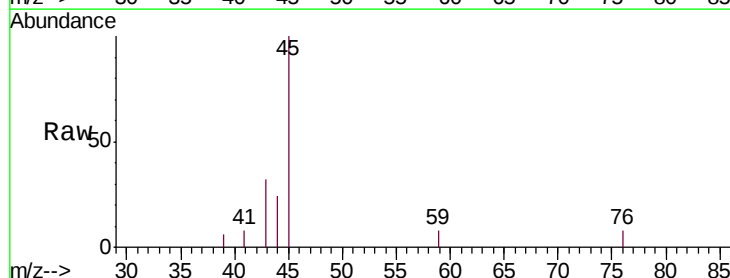
Acq: 12 Feb 2020 18:51

Tgt Ion: 43 Resp: 1141

Ion Ratio Lower Upper

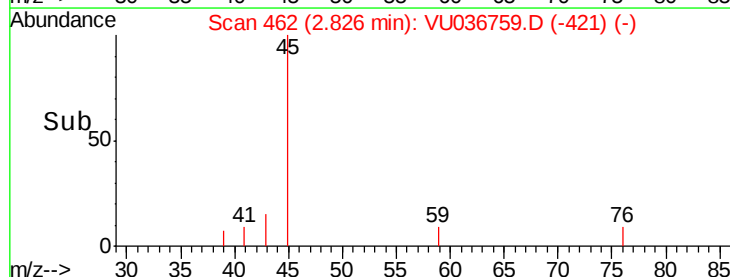
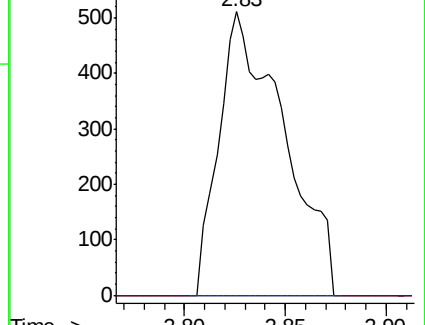
43 100

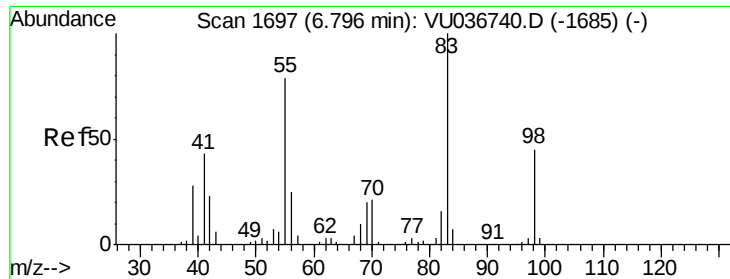
74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036740.D (-499) (-)

Ion 74.05 (73.75 to 74.75): VU036740.D (-499) (-)

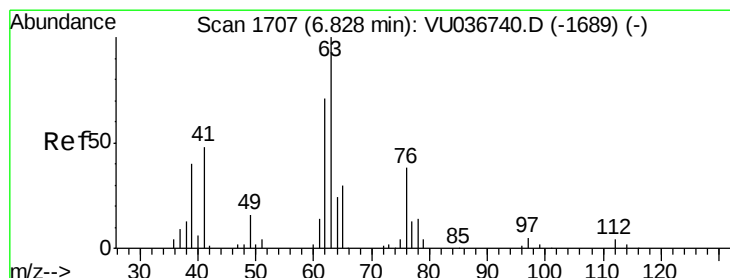
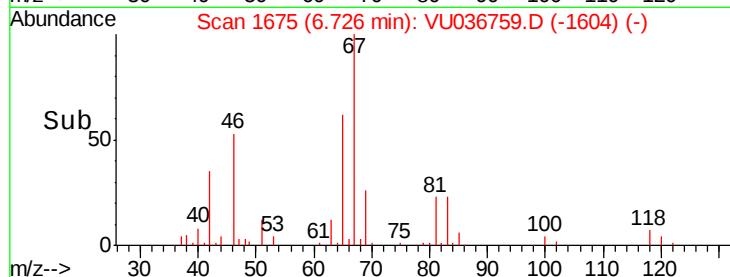
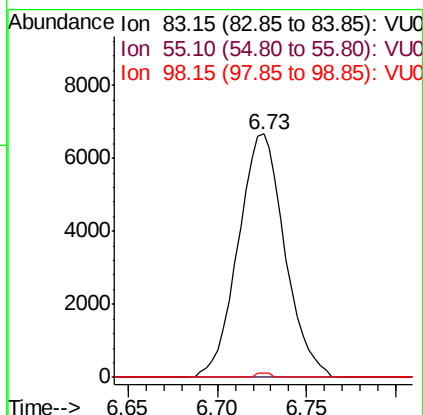
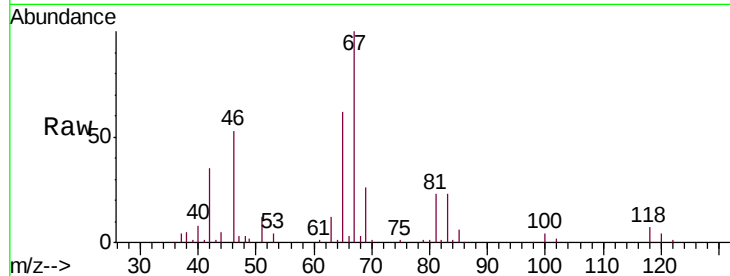




#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036759.D
Acq: 12 Feb 2020 18:51

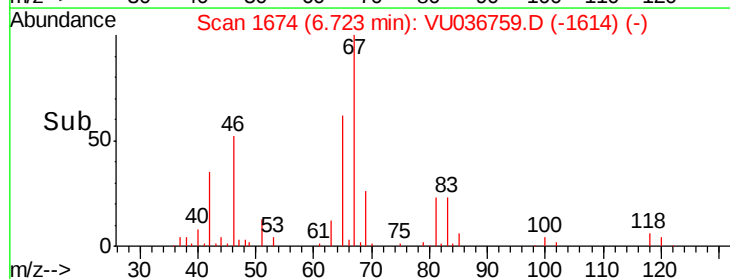
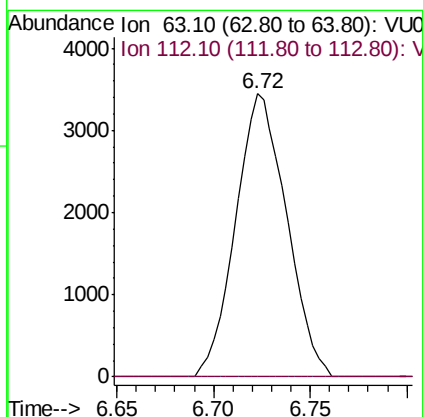
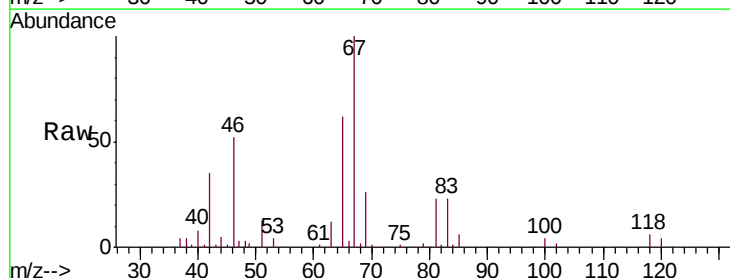
Instrument :
MSVOA_U
ClientSampleId :
DBCW4

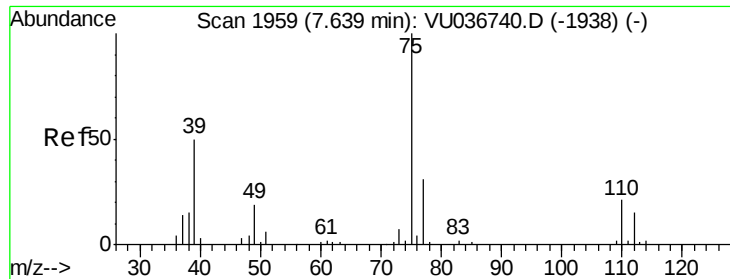
Tgt Ion: 83 Resp: 12167
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.6 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.11 min
Lab File: VU036759.D
Acq: 12 Feb 2020 18:51

Tgt Ion: 63 Resp: 6297
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU036759.D

Acq: 12 Feb 2020 18:51

Instrument :

MSVOA_U

ClientSampled :

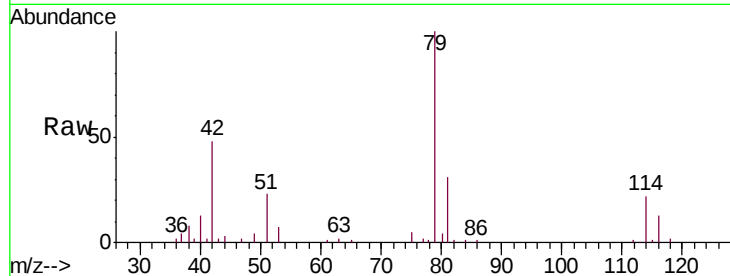
DBCW4

Tgt Ion: 75 Resp: 1354

Ion Ratio Lower Upper

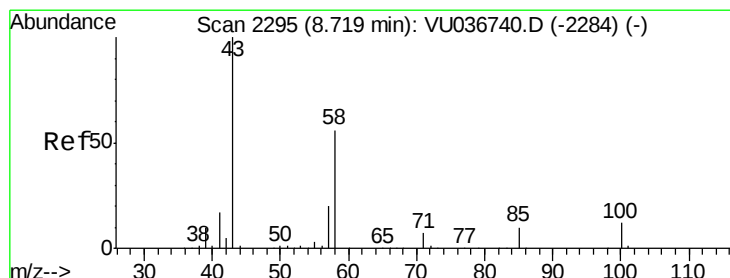
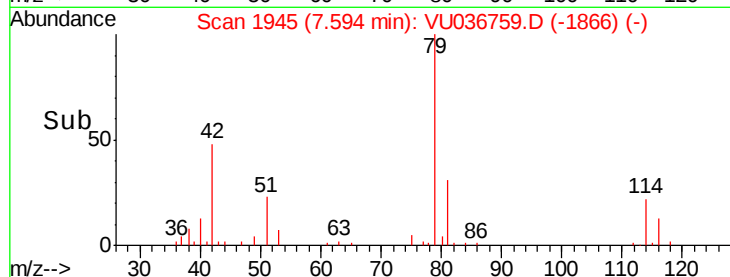
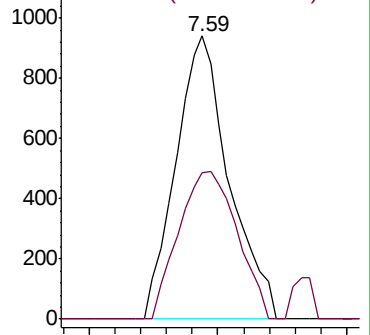
75 100

77 51.9 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU036740.D (-1938) (-)

Ion 77.05 (76.75 to 77.75): VU036740.D (-1938) (-)



#48

2-Hexanone

Concen: 2.256 ug/L

RT: 8.66 min Scan# 2278

Delta R.T. -0.05 min

Lab File: VU036759.D

Acq: 12 Feb 2020 18:51

Tgt Ion: 43 Resp: 11907

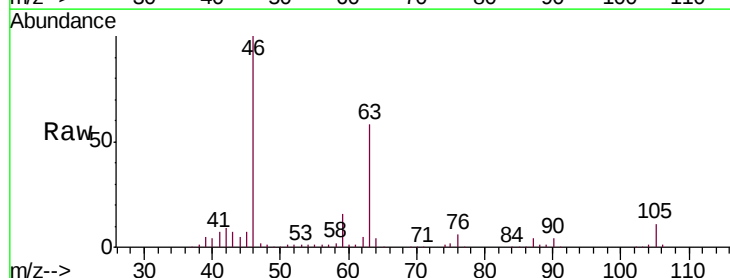
Ion Ratio Lower Upper

43 100

58 25.1 43.6 65.4#

57 21.5 15.0 22.4

100 0.0 9.0 13.6#

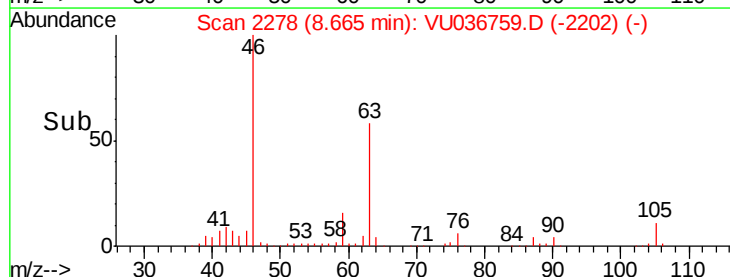
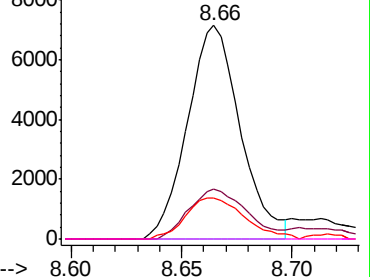


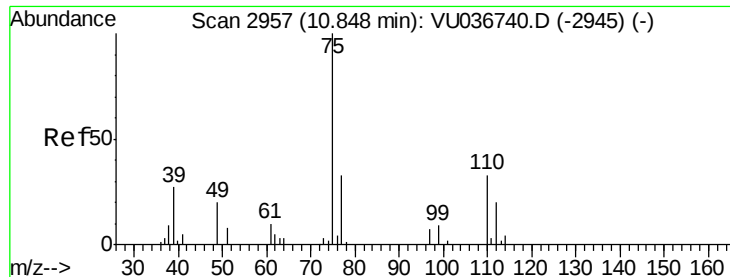
Abundance Ion 43.05 (42.75 to 43.75): VU036740.D (-2284) (-)

Ion 58.05 (57.75 to 58.75): VU036740.D (-2284) (-)

Ion 57.20 (56.90 to 57.90): VU036740.D (-2284) (-)

Ion 100.15 (99.85 to 100.85): VU036740.D (-2284) (-)

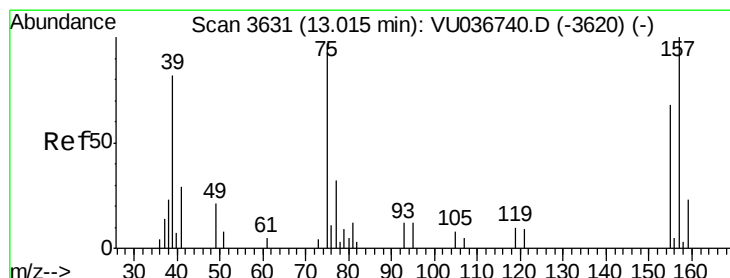
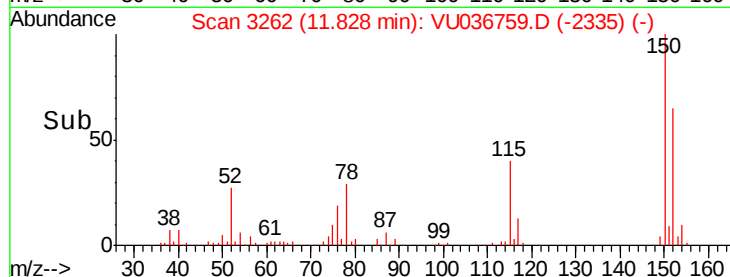
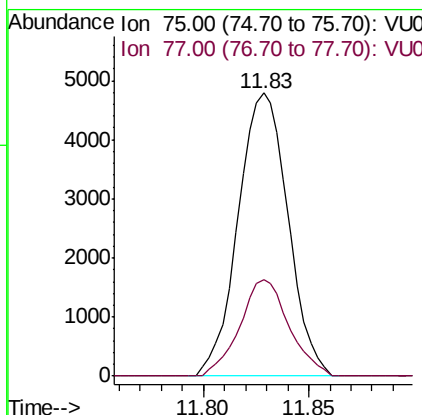
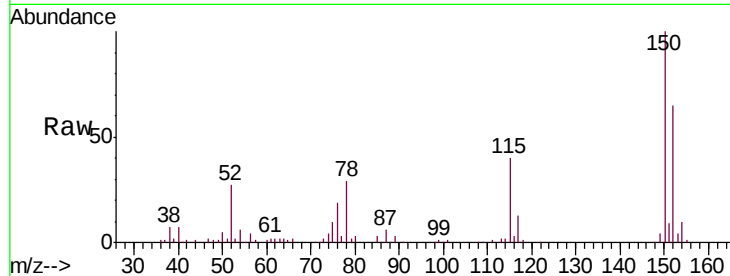




#59
 1,2,3-Trichloropropane
 Concen: 1.244 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036759.D
 Acq: 12 Feb 2020 18:51

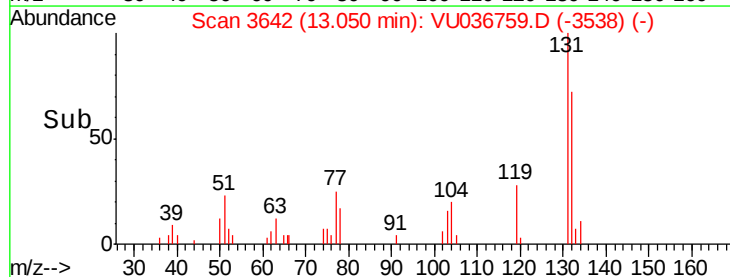
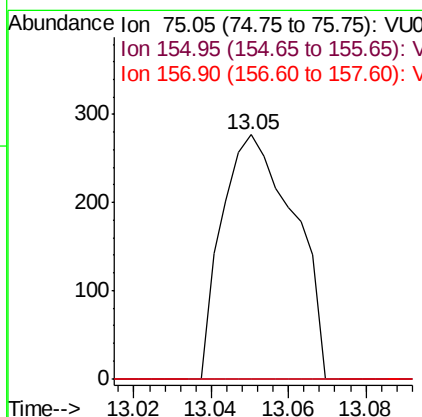
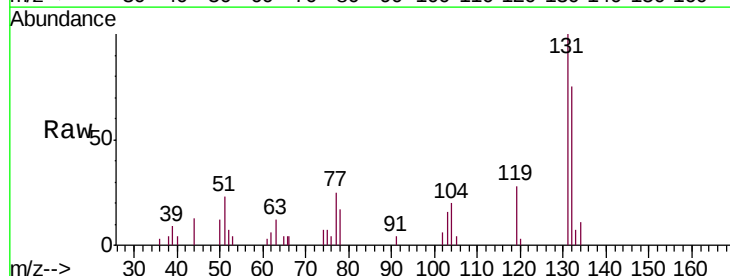
Instrument :
 MSVOA_U
 ClientSampled :
 DBCW4

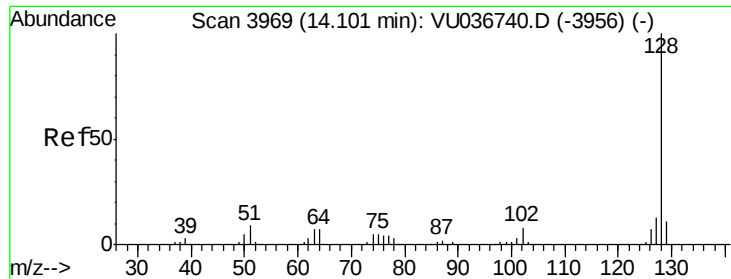
Tgt Ion: 75 Resp: 7850
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.6 38.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.277 ug/L
 RT: 13.05 min Scan# 3642
 Delta R.T. 0.04 min
 Lab File: VU036759.D
 Acq: 12 Feb 2020 18:51

Tgt Ion: 75 Resp: 358
 Ion Ratio Lower Upper
 75 100
 155 0.0 52.9 79.3#
 157 0.0 69.2 103.8#





#69

Naphthalene

Concen: 20.940 ug/L

RT: 14.12 min Scan# 3974

Delta R.T. 0.02 min

Lab File: VU036759.D

Acq: 12 Feb 2020 18:51

Instrument :

MSVOA_U

ClientSampleId :

DBCW4

Tgt Ion:128 Resp: 362320

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

127 13.1 10.8 16.2

