

Data File : VU036758.D
Acq On : 12 Feb 2020 18:27
Operator : JC/MD
Sample : L1487-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCW3

Quant Time: Feb 13 01:04:43 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	127655	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	116783	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	52571	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48017	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.93	69	43682	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.59	63	68381	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.67	46	123553	53.67	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.34%
24) Chloroform-d	5.11	84	81601	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	47741	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	182410	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.73	67	57909	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.92	98	165141	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.20	79	21565	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.66	63	103807	51.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.80%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	44526	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	56281	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

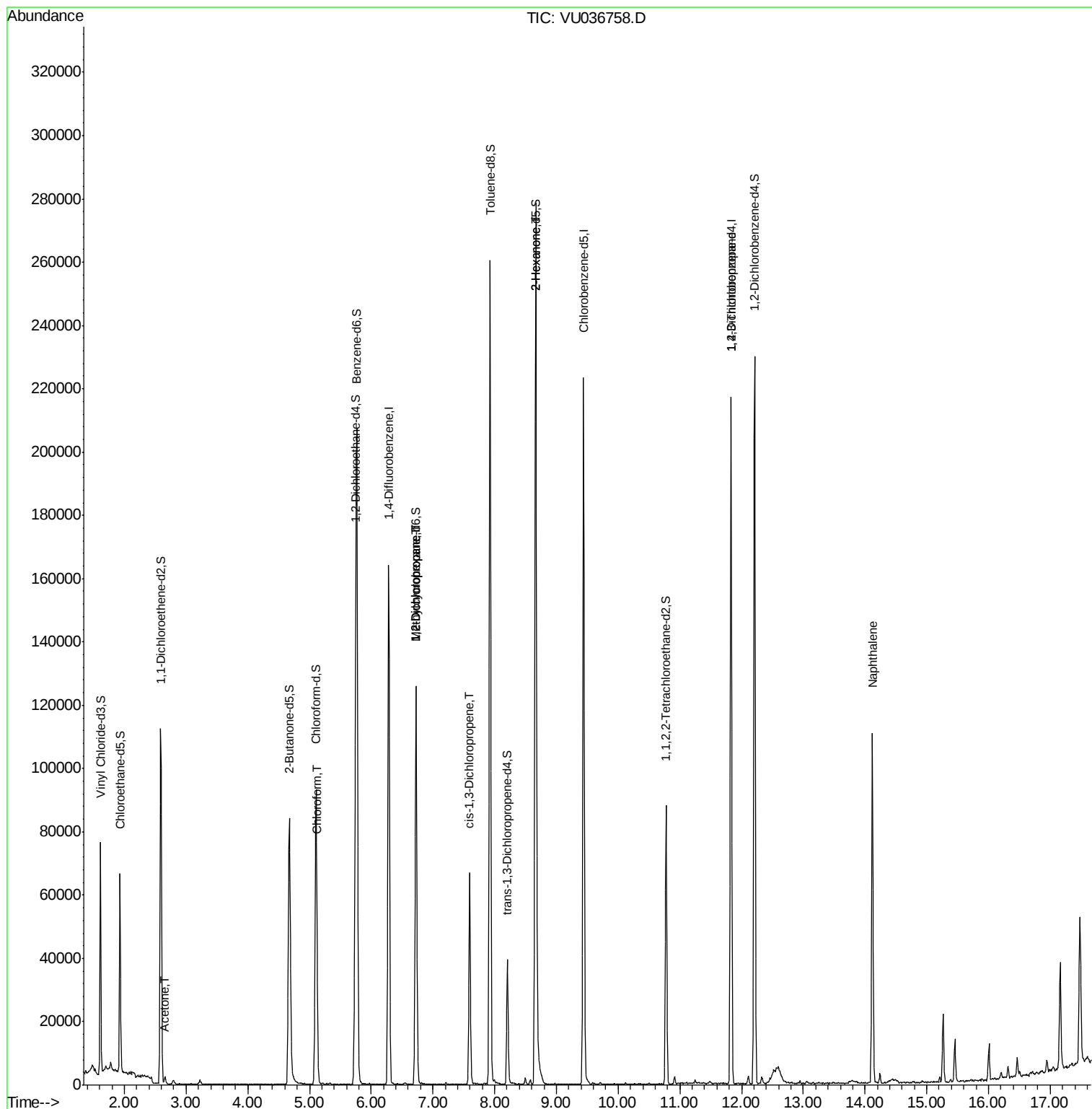
					Qvalue
13) Acetone	2.66	43	2599	0.883 ug/L	93
25) Chloroform	5.13	83	3076	0.171 ug/L	98
35) Methylcyclohexane	6.72	83	12626	0.867 ug/L #	20
37) 1,2-Dichloropropane	6.72	63	6692	0.680 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1488	0.105 ug/L	93
48) 2-Hexanone	8.66	43	13579	2.500 ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	7317	1.127 ug/L #	85
69) Naphthalene	14.12	128	85909	4.931 ug/L	99

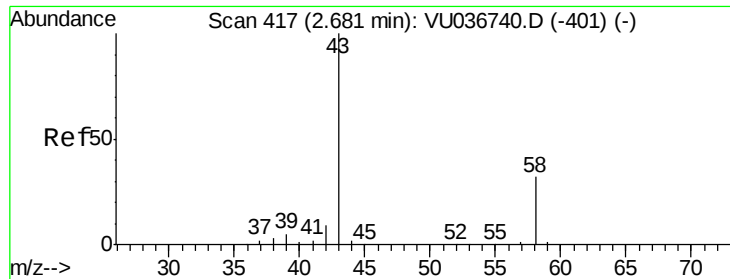
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.883 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU036758.D

Acq: 12 Feb 2020 18:27

Instrument :

MSVOA_U

ClientSampleId :

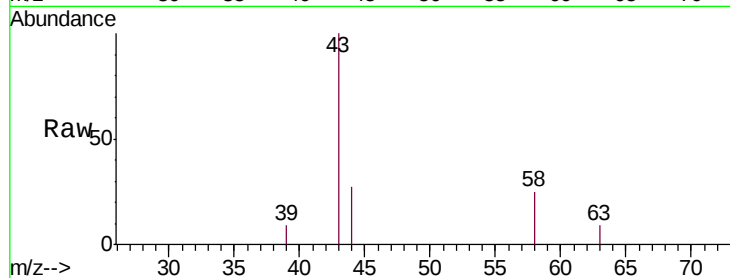
DBCW3

Tgt Ion: 43 Resp: 2599

Ion Ratio Lower Upper

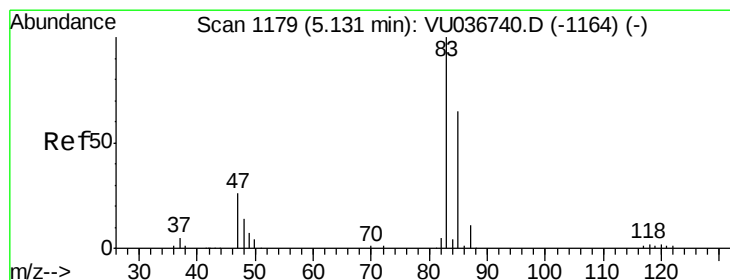
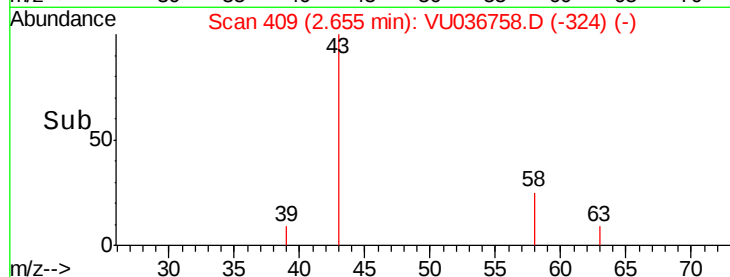
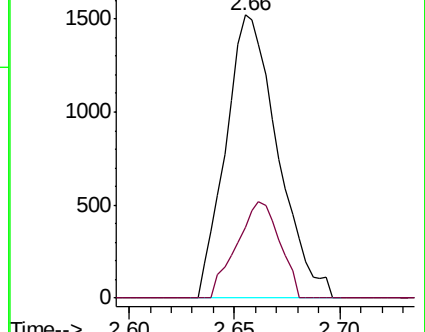
43 100

58 28.1 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) (-)



#25

Chloroform

Concen: 0.171 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU036758.D

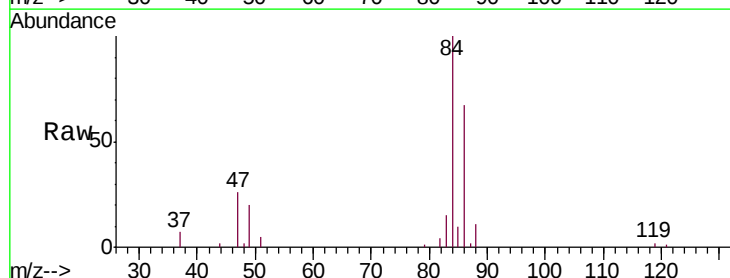
Acq: 12 Feb 2020 18:27

Tgt Ion: 83 Resp: 3076

Ion Ratio Lower Upper

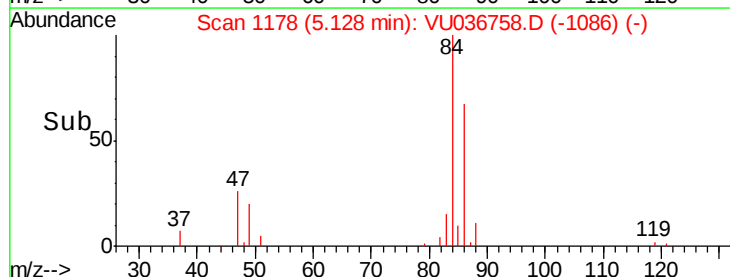
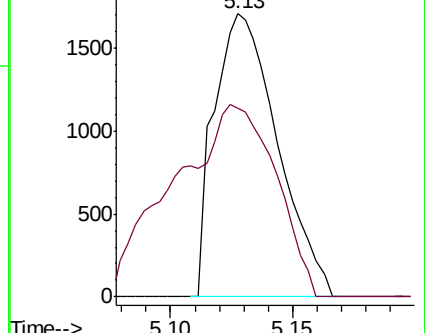
83 100

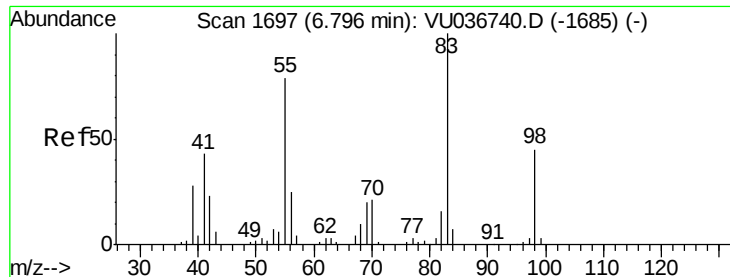
85 66.6 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU036740.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU036740.D (-1164) (-)

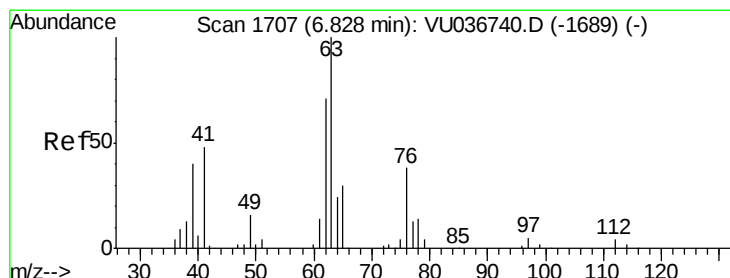
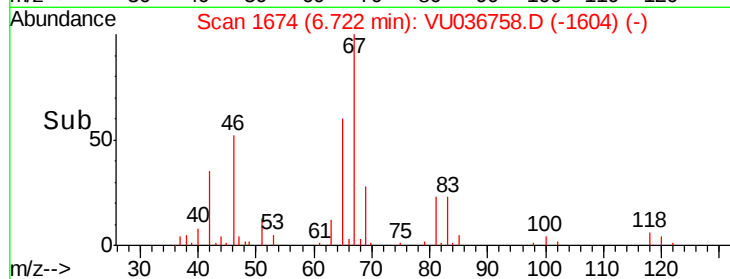
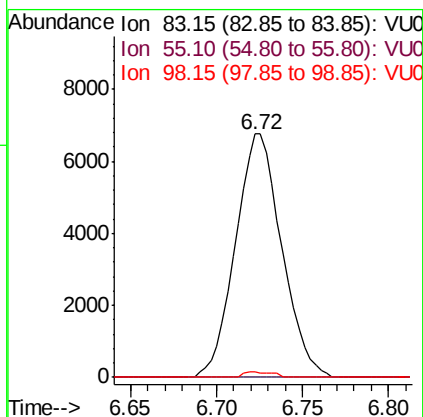
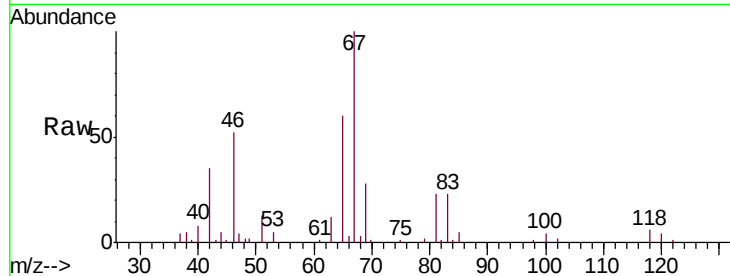




#35
Methylcyclohexane
Concen: 0.867 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036758.D
Acq: 12 Feb 2020 18:27

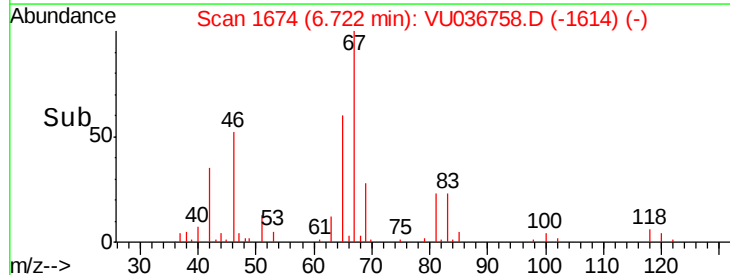
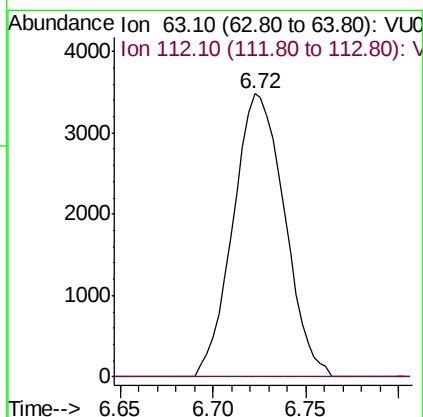
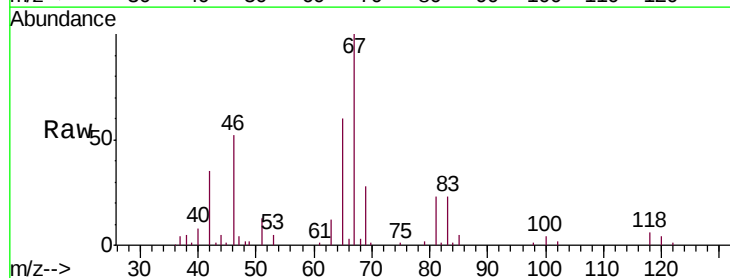
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DBCW3

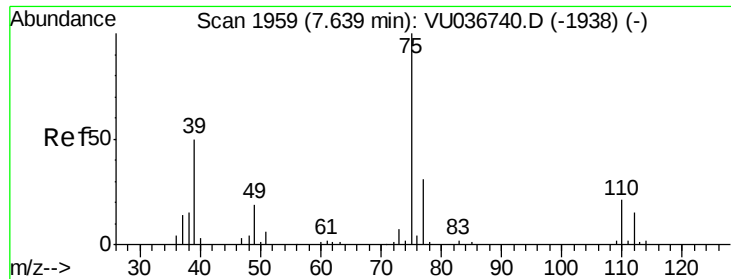
Tgt Ion: 83 Resp: 12626
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 1.4 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.680 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.11 min
Lab File: VU036758.D
Acq: 12 Feb 2020 18:27

Tgt Ion: 63 Resp: 6692
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

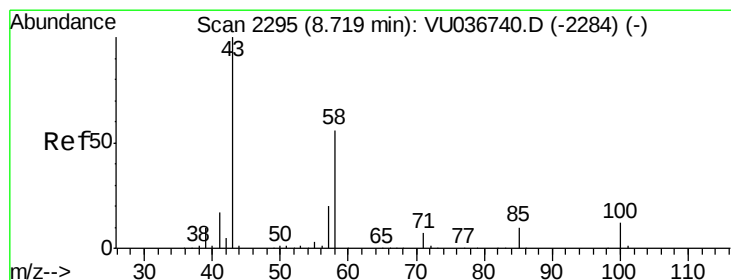
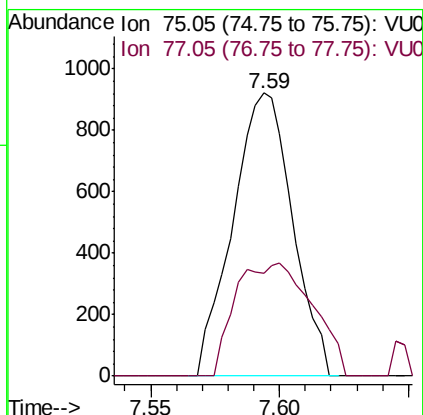
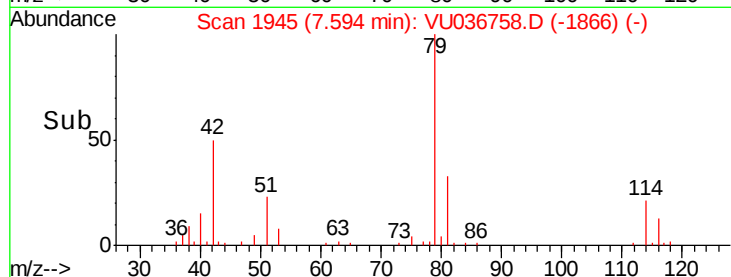
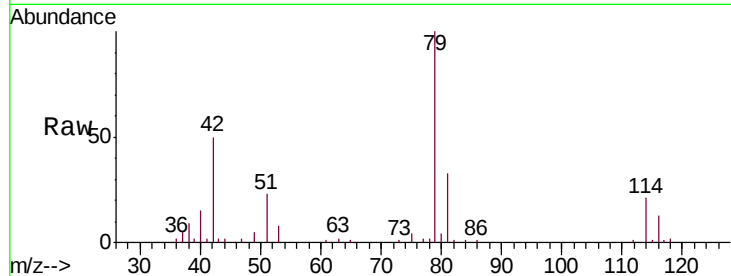




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036758.D
 Acq: 12 Feb 2020 18:27

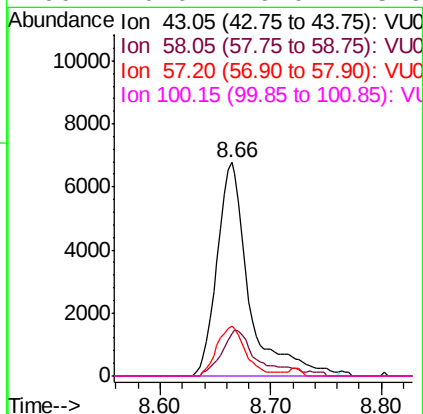
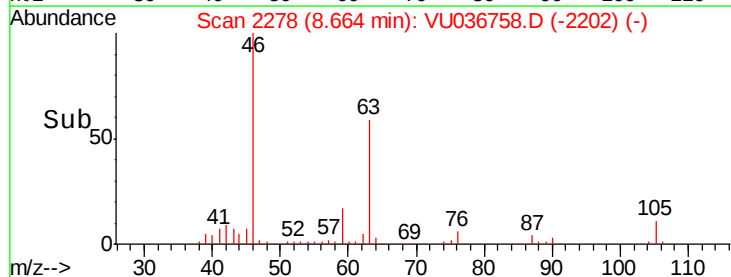
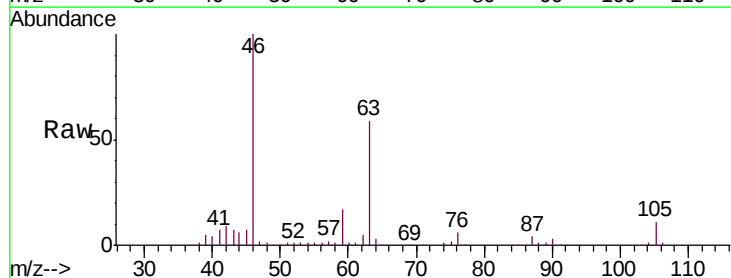
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 MSVOA_U
 ClientSampleID :
 DBCW3

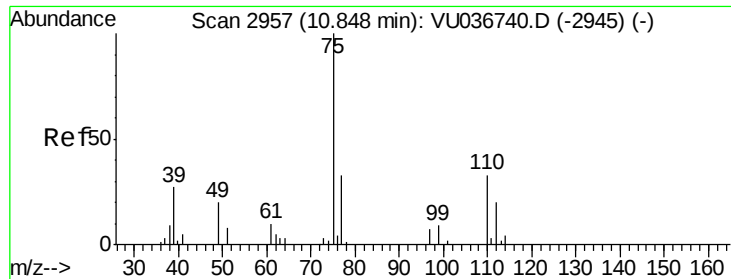
Tgt Ion: 75 Resp: 1488
 Ion Ratio Lower Upper
 75 100
 77 36.3 22.5 41.9



#48
 2-Hexanone
 Concen: 2.500 ug/L
 RT: 8.66 min Scan# 2278
 Delta R.T. -0.05 min
 Lab File: VU036758.D
 Acq: 12 Feb 2020 18:27

Tgt Ion: 43 Resp: 13579
 Ion Ratio Lower Upper
 43 100
 58 23.9 43.6 65.4#
 57 20.6 15.0 22.4
 100 0.0 9.0 13.6#

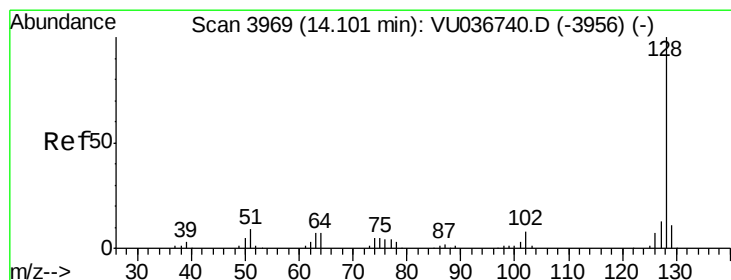
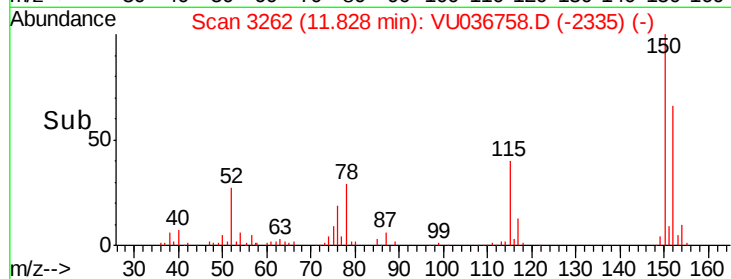
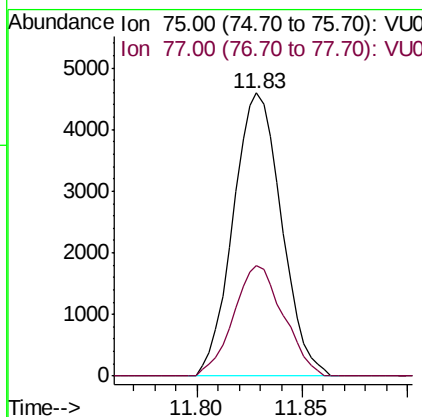
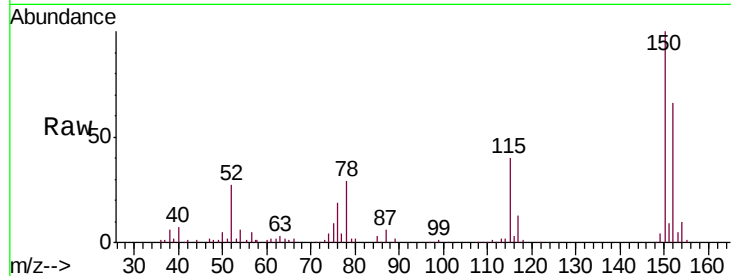




#59
 1,2,3-Trichloropropane
 Concen: 1.127 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036758.D
 Acq: 12 Feb 2020 18:27

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCW3

Tgt Ion: 75 Resp: 7317
 Ion Ratio Lower Upper
 75 100
 77 40.1 25.6 38.4#



#69
 Naphthalene
 Concen: 4.931 ug/L
 RT: 14.12 min Scan# 3974
 Delta R.T. 0.02 min
 Lab File: VU036758.D
 Acq: 12 Feb 2020 18:27

Tgt Ion: 128 Resp: 85909
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.0 13.4
 127 13.3 10.8 16.2

