

Data File : VU036570.D
Acq On : 28 Jan 2020 11:20
Operator : JC/MD
Sample : VU0128WBL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK606

Quant Time: Jan 29 06:10:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 28 02:33:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	146968	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	135331	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	59673	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36338	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.93	69	35274	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.59	65	15585	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.60%
20) 2-Butanone-d5	4.68	46	100165	56.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.50%
24) Chloroform-d	5.11	84	75467	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.75	65	39950	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.77	84	162932	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.73	67	51844	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.93	98	156607	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	8.21	79	19678	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.67	63	99959	54.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.52%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	42259	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
66) 1,2-Dichlorobenzene-d4	12.21	152	56010	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

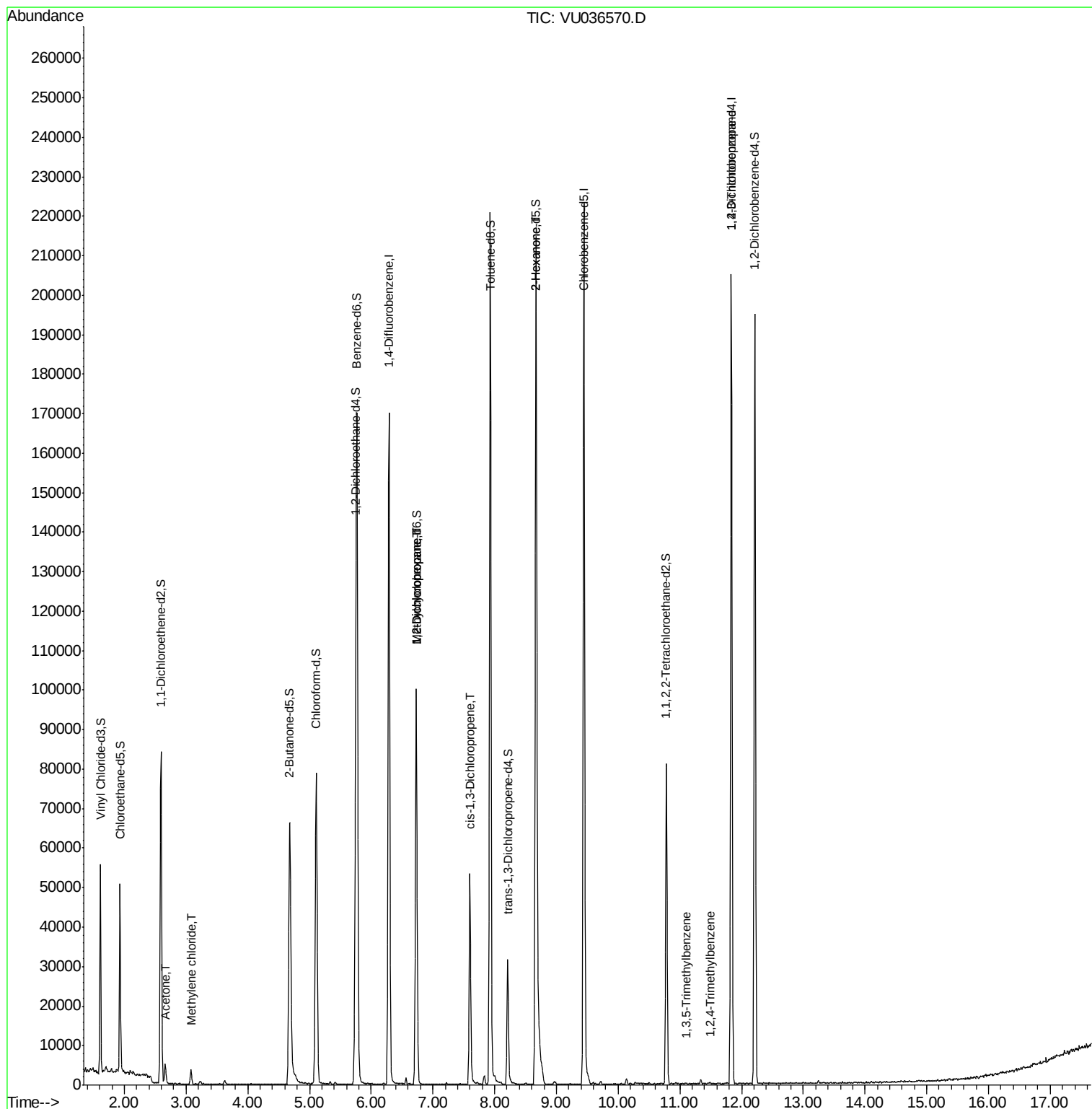
					Qvalue
13) Acetone	2.66	43	5613	4.229 ug/L	98
16) Methylene chloride	3.08	84	1859	0.156 ug/L	93
35) Methylcyclohexane	6.73	83	11811	0.684 ug/L #	21
37) 1,2-Dichloropropane	6.73	63	4901	0.518 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1172	0.080 ug/L #	61
48) 2-Hexanone	8.67	43	8757	2.387 ug/L #	66
61) 1,2,3-Trichloropropane	11.83	75	6967	1.254 ug/L #	66
62) 1,3,5-Trimethylbenzene	11.11	105	218	0.006 ug/L #	28
63) 1,2,4-Trimethylbenzene	11.49	105	319	0.009 ug/L #	60

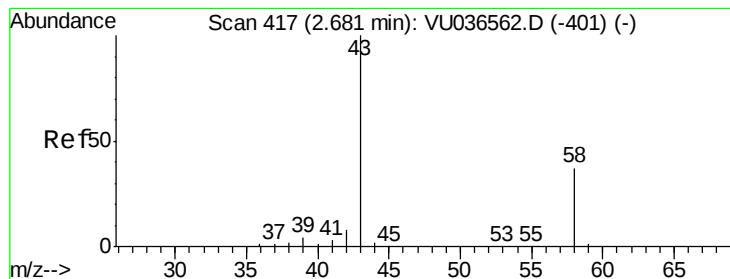
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.229 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036570.D

Acq: 28 Jan 2020 11:20

Instrument :

MSVOA_U

ClientSampleId :

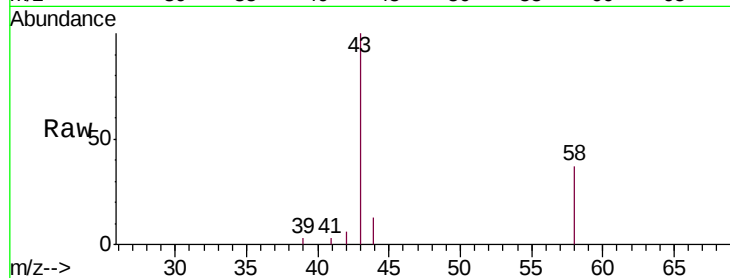
VBLK606

Tgt Ion: 43 Resp: 5613

Ion Ratio Lower Upper

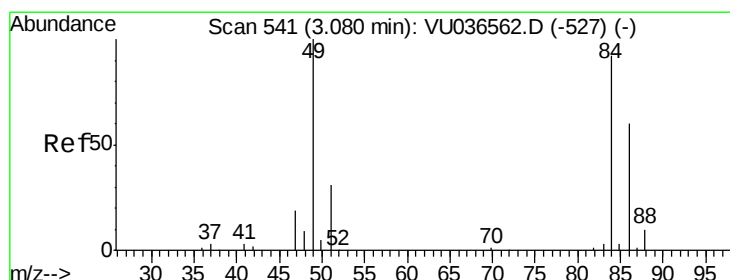
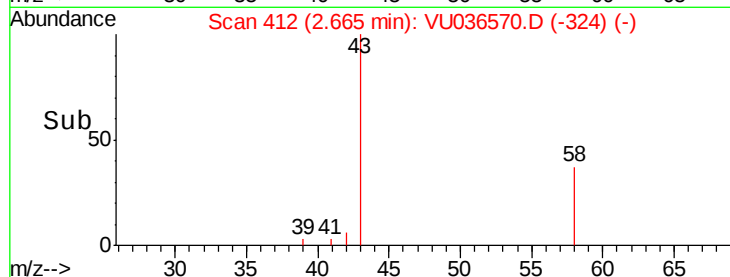
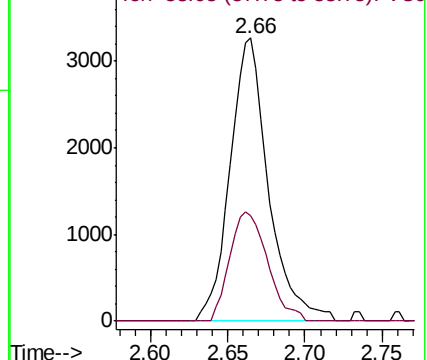
43 100

58 38.0 0.0 74.0



Abundance Ion 43.05 (42.75 to 43.75): VU036562.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036562.D (-401) (-)



#16

Methylene chloride

Concen: 0.156 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036570.D

Acq: 28 Jan 2020 11:20

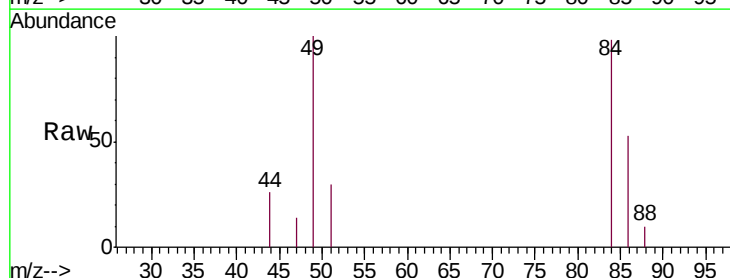
Tgt Ion: 84 Resp: 1859

Ion Ratio Lower Upper

84 100

86 54.5 44.8 83.2

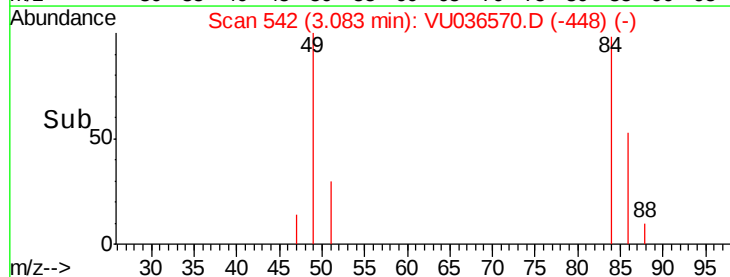
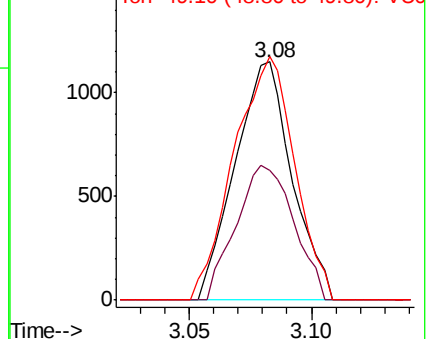
49 102.3 74.8 139.0

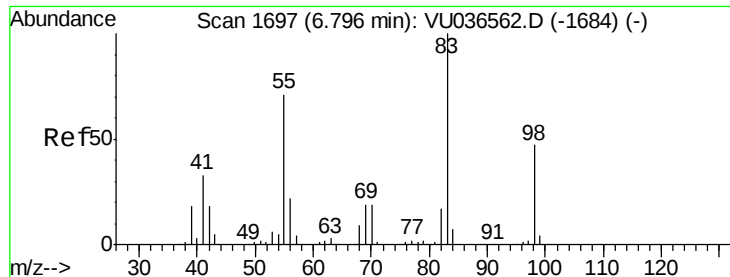


Abundance Ion 84.05 (83.75 to 84.75): VU036562.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU036562.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU036562.D (-527) (-)





#35

Methylcyclohexane

Concen: 0.684 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.07 min

Lab File: VU036570.D

Acq: 28 Jan 2020 11:20

Instrument :

MSVOA_U

ClientSampleId :

VBLK606

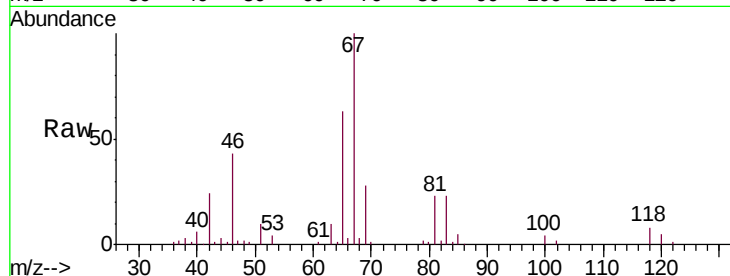
Tgt Ion: 83 Resp: 11811

Ion Ratio Lower Upper

83 100

55 0.0 56.9 85.3#

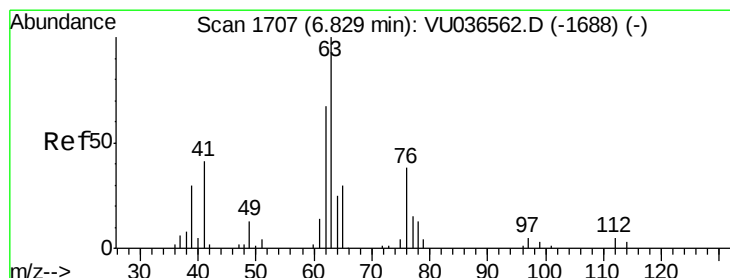
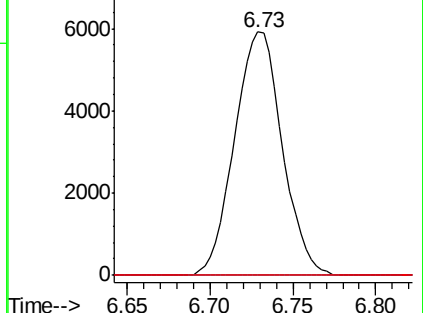
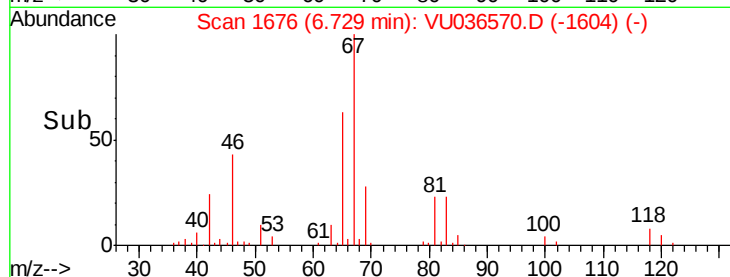
98 1.0 36.9 55.3#



Abundance Ion 83.15 (82.85 to 83.85): VU036570.D (-1604) (-)

Ion 55.10 (54.80 to 55.80): VU036570.D (-1604) (-)

Ion 98.15 (97.85 to 98.85): VU036570.D (-1604) (-)



#37

1,2-Dichloropropane

Concen: 0.518 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036570.D

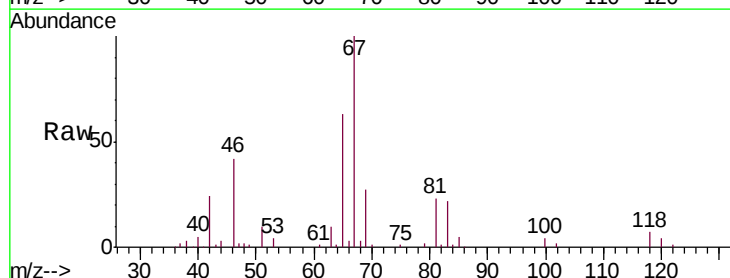
Acq: 28 Jan 2020 11:20

Tgt Ion: 63 Resp: 4901

Ion Ratio Lower Upper

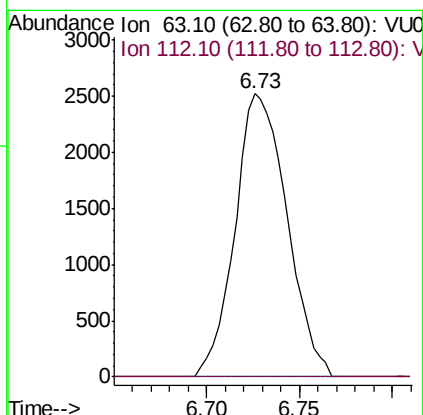
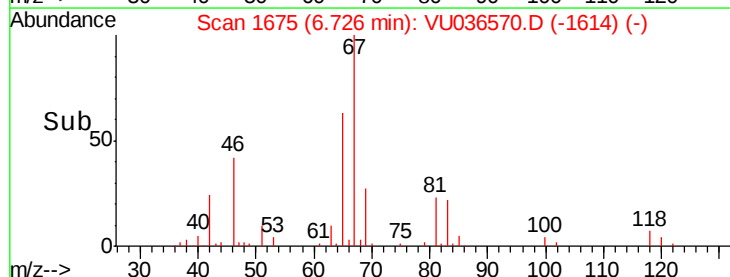
63 100

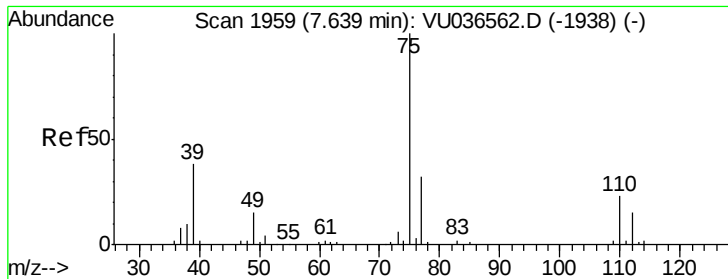
112 0.0 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU036570.D (-1614) (-)

Ion 112.10 (111.80 to 112.80): VU036570.D (-1614) (-)

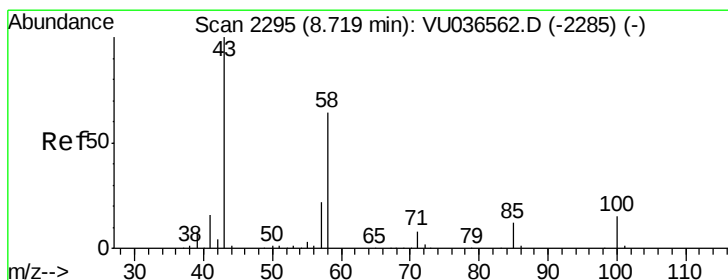
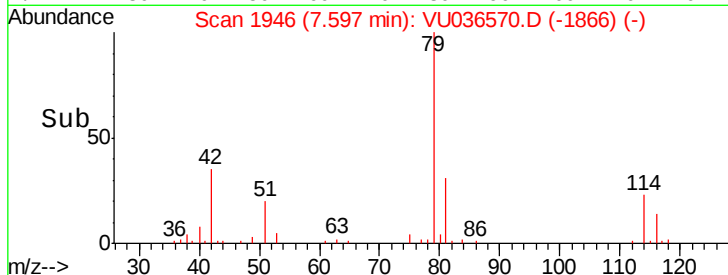
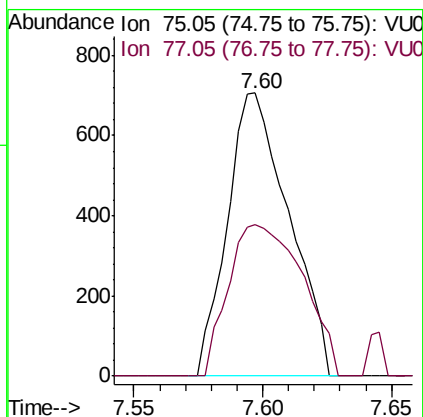
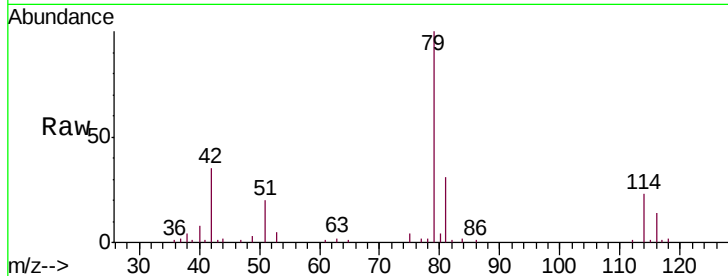




#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036570.D
 Acq: 28 Jan 2020 11:20

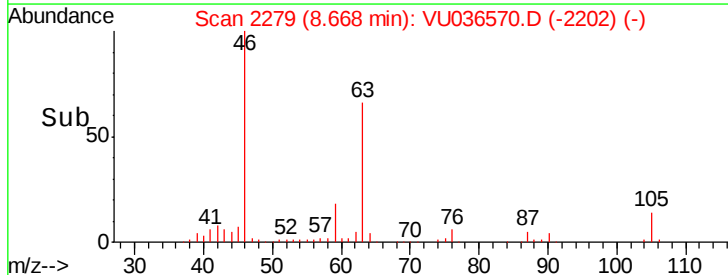
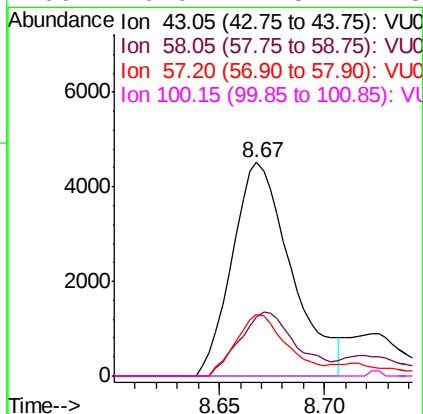
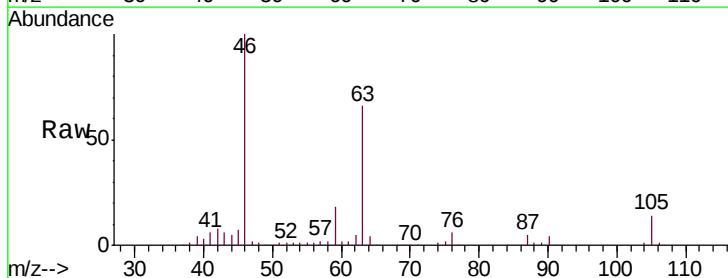
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK606

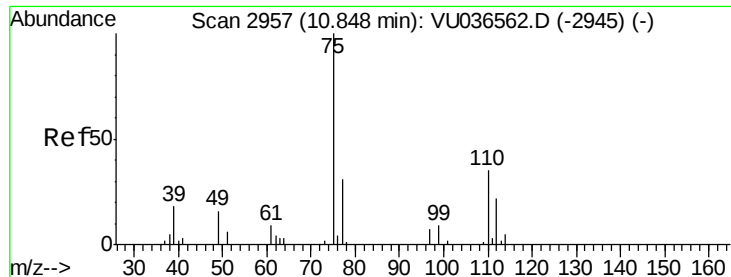
Tgt Ion: 75 Resp: 1172
 Ion Ratio Lower Upper
 75 100
 77 53.5 22.3 41.5#



#48
 2-Hexanone
 Concen: 2.387 ug/L
 RT: 8.67 min Scan# 2279
 Delta R.T. -0.05 min
 Lab File: VU036570.D
 Acq: 28 Jan 2020 11:20

Tgt Ion: 43 Resp: 8757
 Ion Ratio Lower Upper
 43 100
 58 29.2 50.2 75.2#
 57 25.1 17.5 26.3
 100 0.0 11.5 17.3#





#61

1,2,3-Trichloropropane

Concen: 1.254 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036570.D

Acq: 28 Jan 2020 11:20

Instrument :

MSVOA_U

ClientSampled :

VBLK606

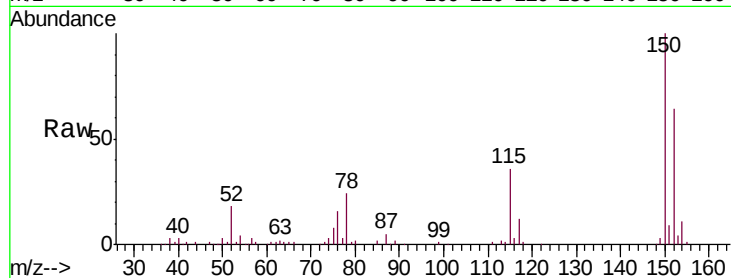
Tgt Ion: 75 Resp: 6967

Ion Ratio Lower Upper

75 100

110 0.0 29.0 43.4#

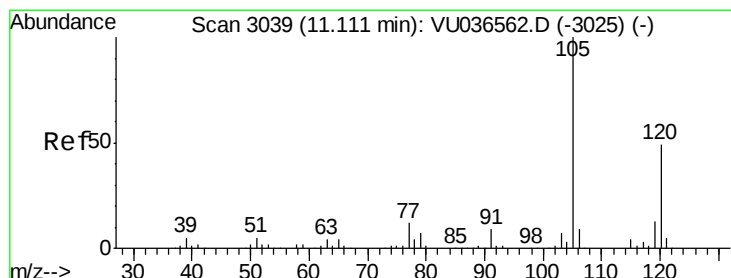
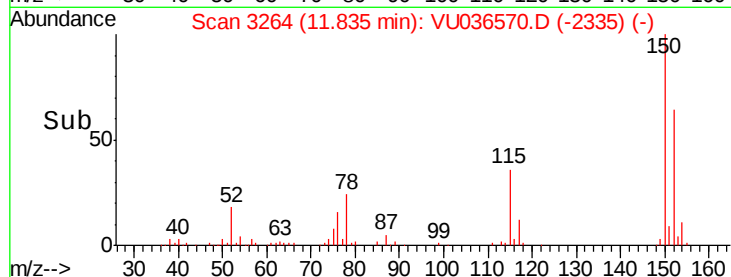
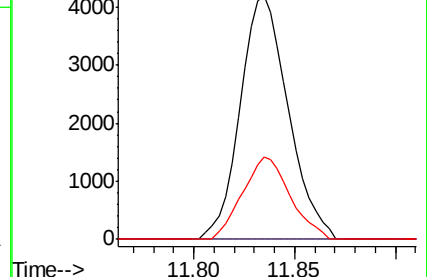
77 33.6 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU036562.D (-2945) (-)

Ion 110.00 (109.70 to 110.70): VU036562.D (-2945) (-)

Ion 77.00 (76.70 to 77.70): VU036562.D (-2945) (-)



#62

1,3,5-Trimethylbenzene

Concen: 0.006 ug/L

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU036570.D

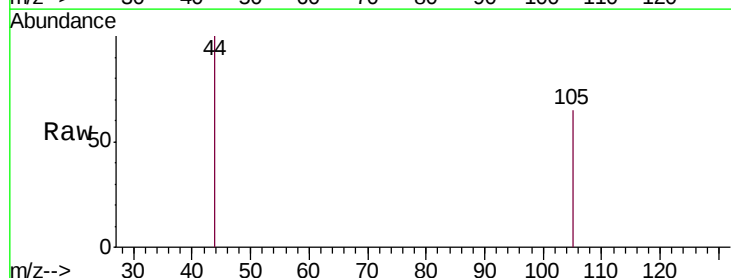
Acq: 28 Jan 2020 11:20

Tgt Ion: 105 Resp: 218

Ion Ratio Lower Upper

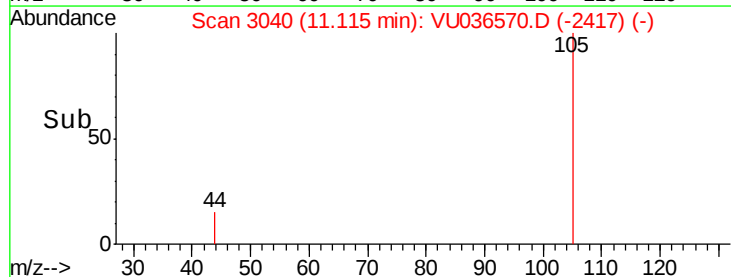
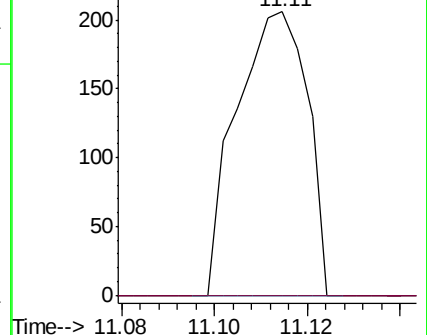
105 100

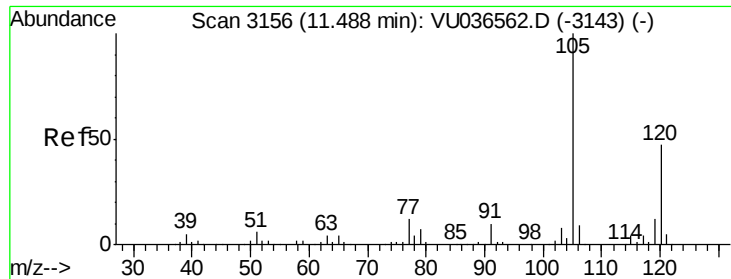
120 0.0 39.7 59.5#



Abundance Ion 105.00 (104.70 to 105.70): VU036562.D (-3025) (-)

Ion 120.00 (119.70 to 120.70): VU036562.D (-3025) (-)





#63

1,2,4-Trimethylbenzene

Concen: 0.009 ug/L

RT: 11.49 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU036570.D

Acq: 28 Jan 2020 11:20

Instrument :

MSVOA_U

ClientSampleId :

VBLK606

Tgt Ion:105 Resp: 319

Ion Ratio Lower Upper

105 100

120 19.7 36.9 55.3#

