

Data File : VU036846.D
Acq On : 19 Feb 2020 13:57
Operator : JC/MD
Sample : L1580-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDJ5

Quant Time: Feb 20 04:49:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 20 04:46:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	109595	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	104602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	42451	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	43650	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.93	69	40701	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.59	63	57499	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.68	46	98336	49.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.50%
24) Chloroform-d	5.11	84	72462	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.74	65	40468	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.77	84	158286	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.73	67	50062	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.93	98	140704	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.21	79	17148	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.66	63	82888	46.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.52%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	36608	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	42169	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

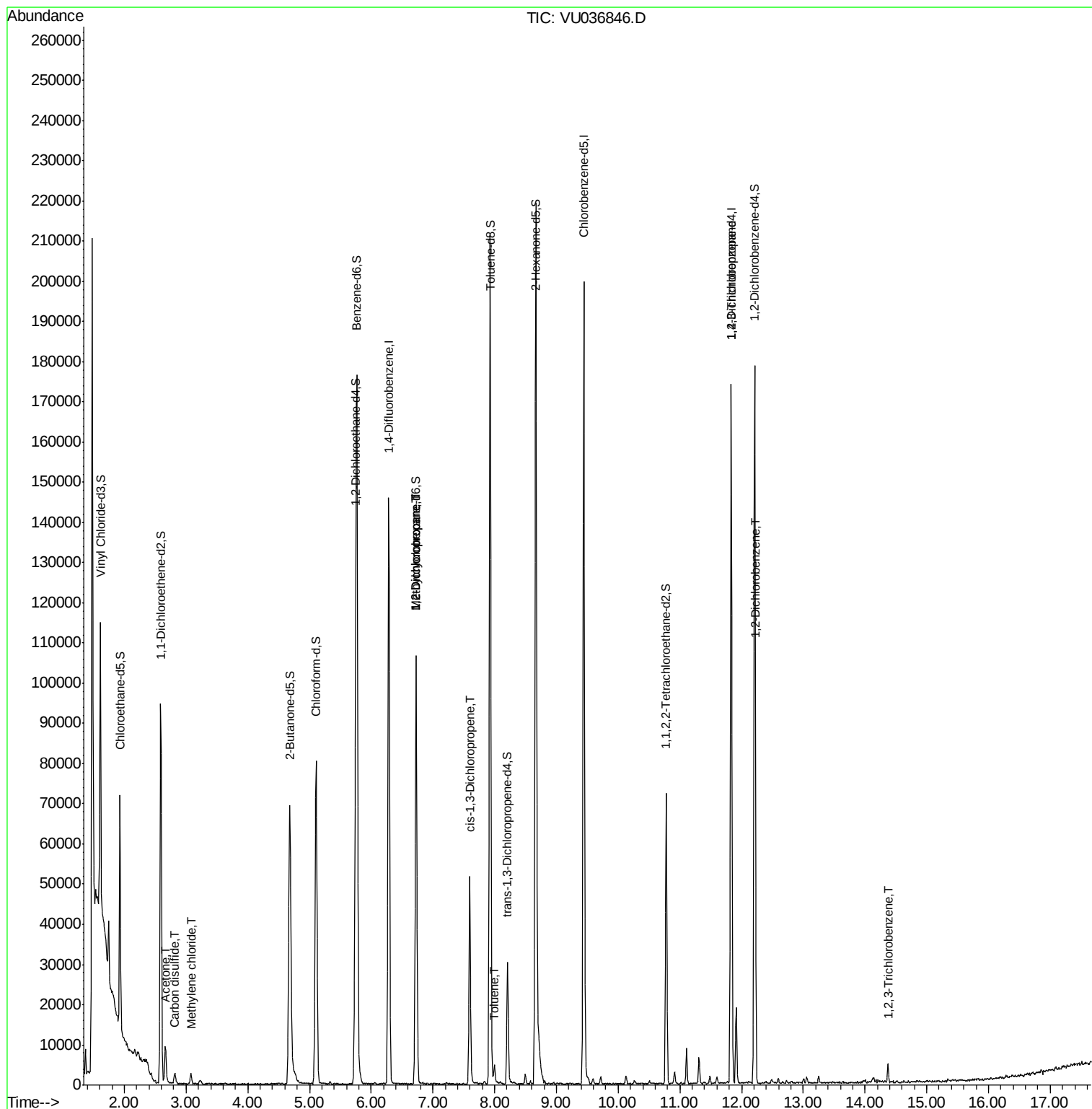
					Qvalue
13) Acetone	2.66	43	11403	4.512	ug/L 97
14) Carbon disulfide	2.82	76	1707	0.106	ug/L # 94
16) Methylene chloride	3.08	84	1337	0.119	ug/L 96
35) Methylcyclohexane	6.73	83	11049	0.847	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	5405	0.614	ug/L # 89
39) cis-1,3-Dichloropropene	7.60	75	1181	0.093	ug/L # 65
42) Toluene	8.00	91	3032	0.088	ug/L 95
59) 1,2,3-Trichloropropane	11.83	75	6632	1.140	ug/L 98
65) 1,2-Dichlorobenzene	12.23	146	1466	0.104	ug/L 98
70) 1,2,3-Trichlorobenzene	14.37	180	1654	0.237	ug/L 96

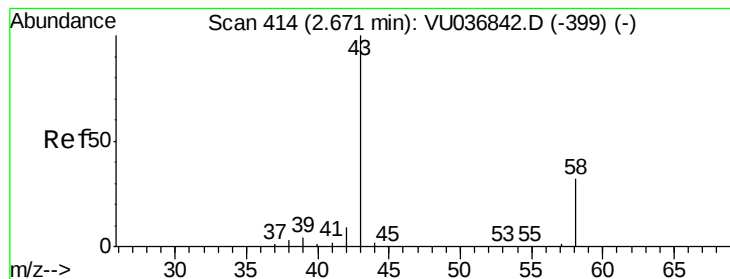
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.512 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

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Acq: 19 Feb 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

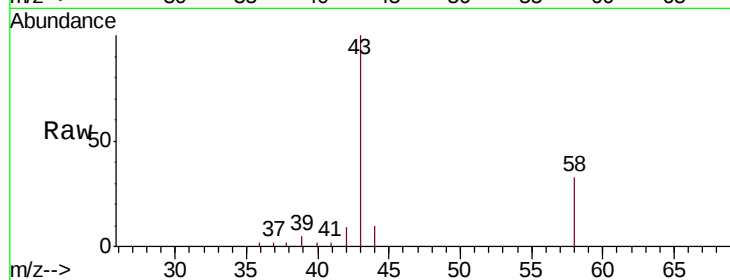
DBDJ5

Tgt Ion: 43 Resp: 11403

Ion Ratio Lower Upper

43 100

58 30.4 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036842.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU036842.D (-399) (-)

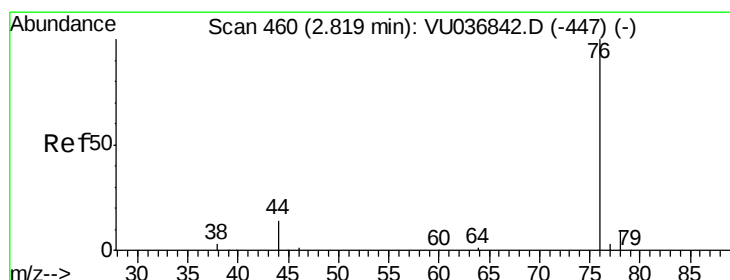
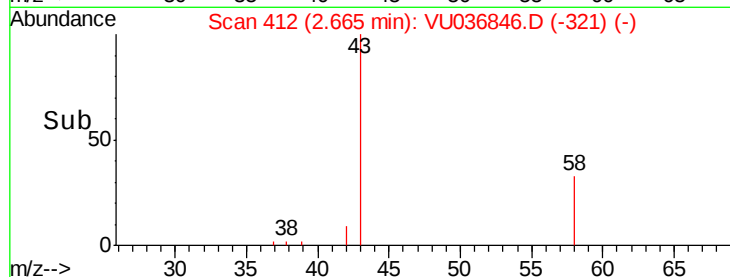
2.66

4000

2000

0

Time-->



#14

Carbon disulfide

Concen: 0.106 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036846.D

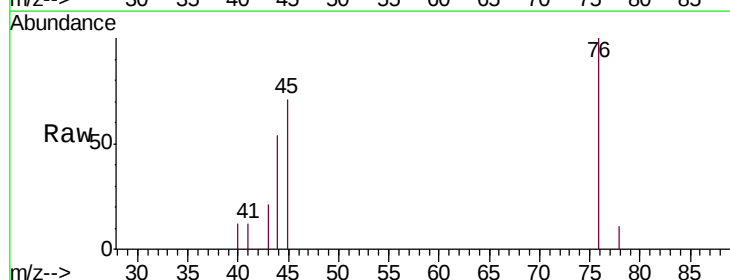
Acq: 19 Feb 2020 13:57

Tgt Ion: 76 Resp: 1707

Ion Ratio Lower Upper

76 100

78 11.1 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU036842.D (-447) (-)

Ion 78.00 (77.70 to 78.70): VU036842.D (-447) (-)

2.82

1200

1000

800

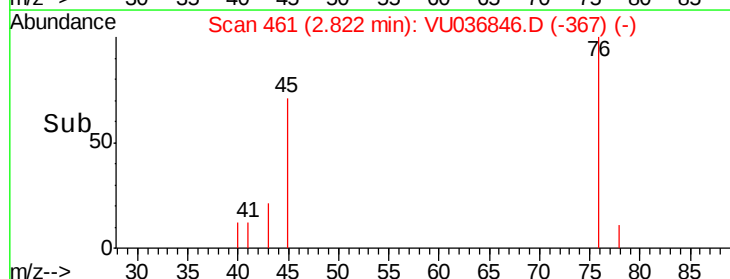
600

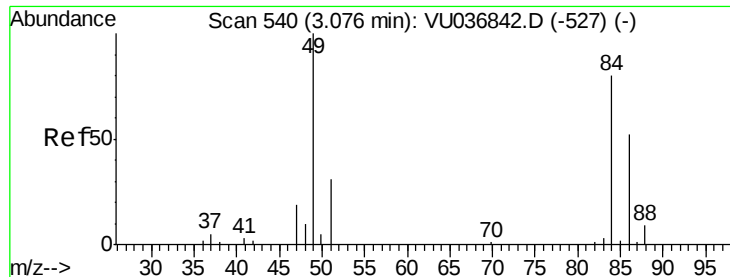
400

200

0

Time-->

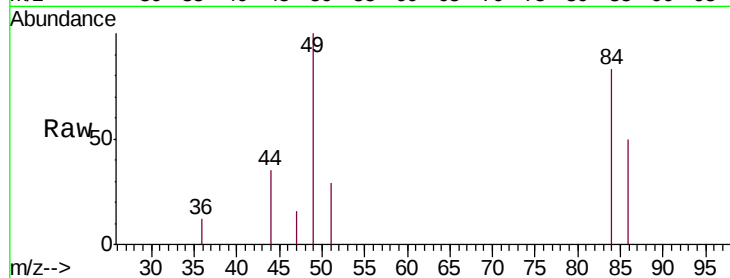




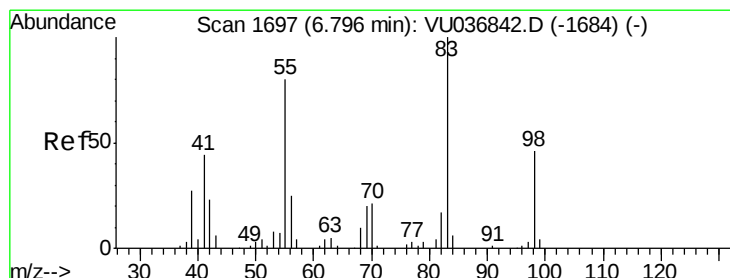
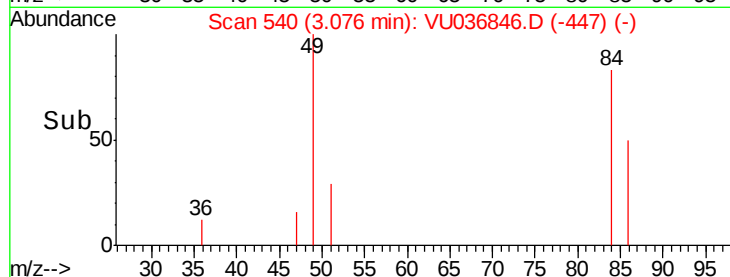
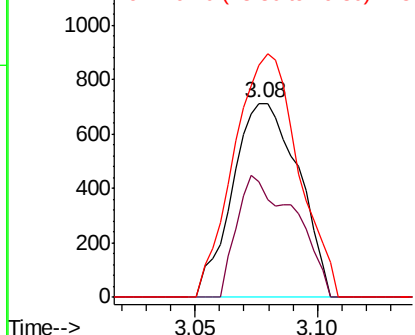
#16
Methylene chloride
Concen: 0.119 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU036846.D
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Instrument :
MSVOA_U
ClientSampleId :
DBDJ5

Tgt Ion: 84 Resp: 1337
Ion Ratio Lower Upper
84 100
86 59.8 44.7 82.9
49 119.8 86.7 160.9

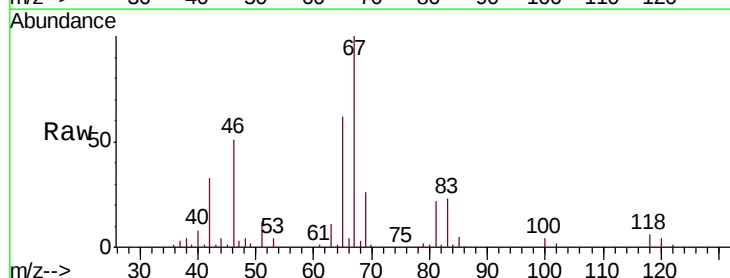


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

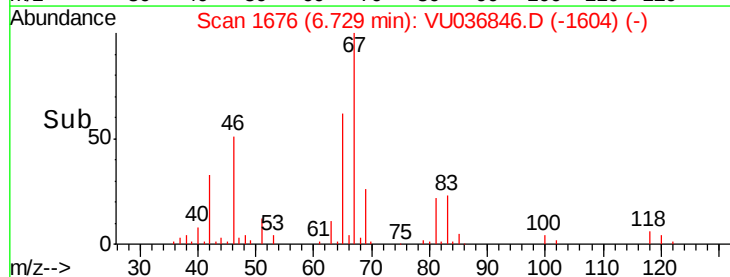
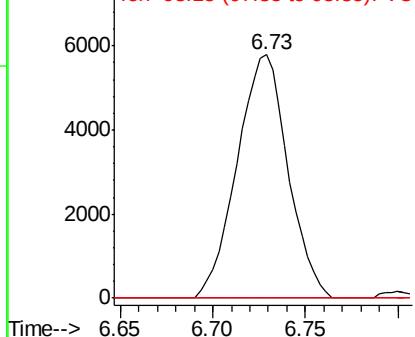


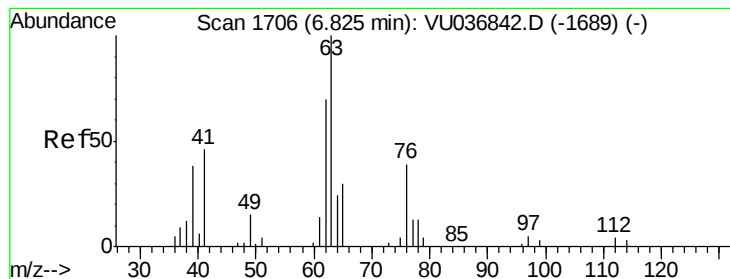
#35
Methylcyclohexane
Concen: 0.847 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036846.D
Acq: 19 Feb 2020 13:57

Tgt Ion: 83 Resp: 11049
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.0 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: 0.614 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036846.D

Acq: 19 Feb 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

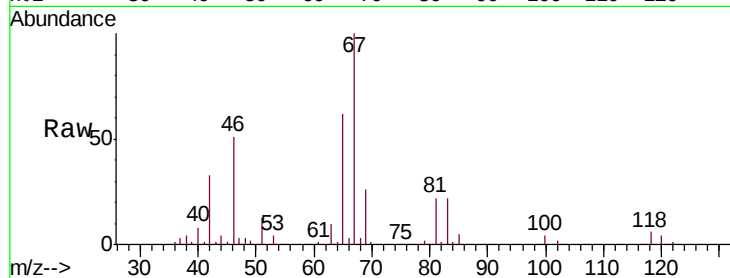
DBDJ5

Tgt Ion: 63 Resp: 5405

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU036842.D (-1689) (-)

Ion 112.10 (111.80 to 112.80): VU036842.D (-1689) (-)

6.73

3000

2500

2000

1500

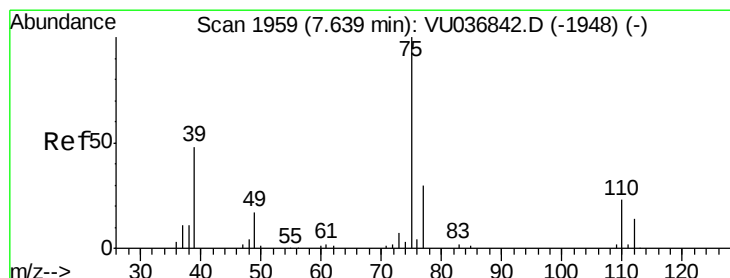
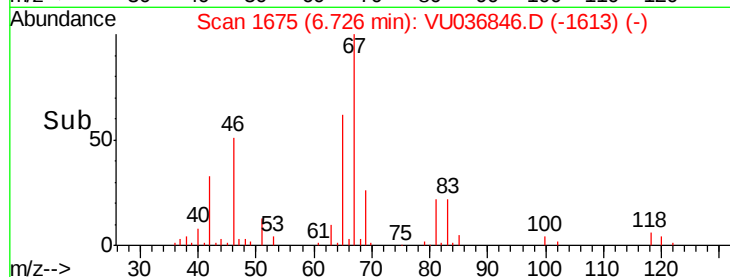
1000

500

0

6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036846.D

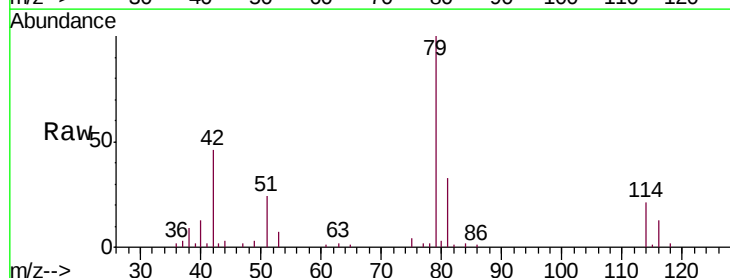
Acq: 19 Feb 2020 13:57

Tgt Ion: 75 Resp: 1181

Ion Ratio Lower Upper

75 100

77 51.8 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU036842.D (-1948) (-)

Ion 77.05 (76.75 to 77.75): VU036842.D (-1948) (-)

7.60

800

600

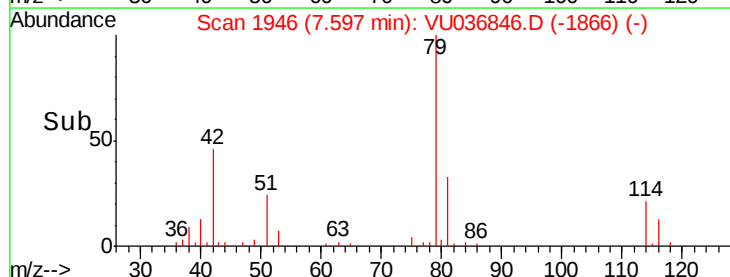
400

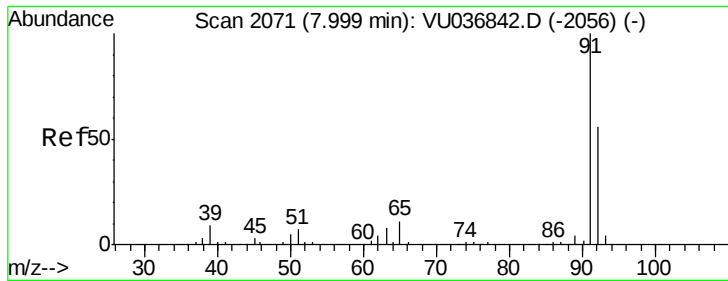
200

0

7.55 7.60

Time-->





#42

Toluene

Concen: 0.088 ug/L

RT: 8.00 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VU036846.D

Acq: 19 Feb 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

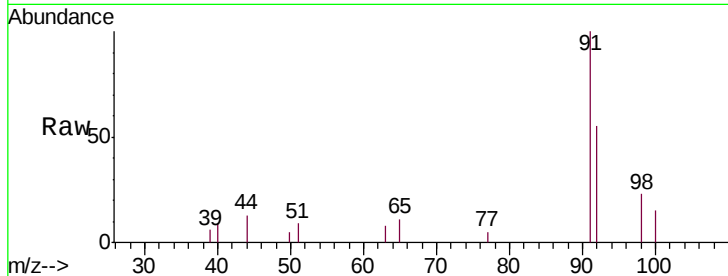
DBDJ5

Tgt Ion: 91 Resp: 3032

Ion Ratio Lower Upper

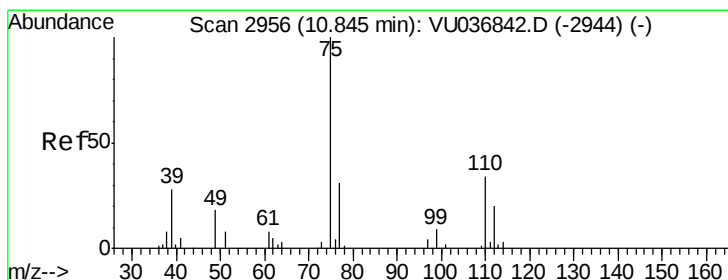
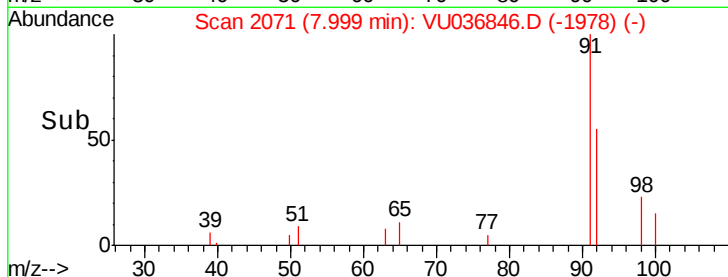
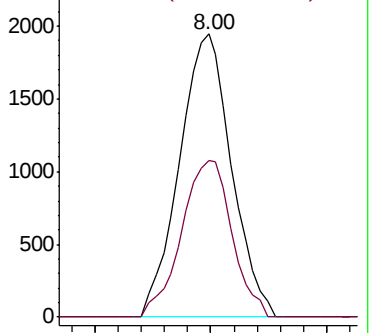
91 100

92 55.2 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036842.D (-2056) (-)

Ion 92.15 (91.85 to 92.85): VU036842.D (-2056) (-)



#59

1,2,3-Trichloropropane

Concen: 1.140 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU036846.D

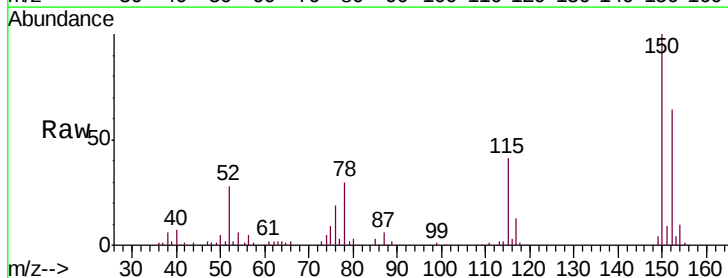
Acq: 19 Feb 2020 13:57

Tgt Ion: 75 Resp: 6632

Ion Ratio Lower Upper

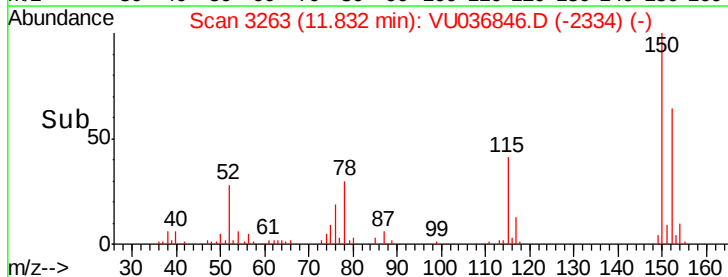
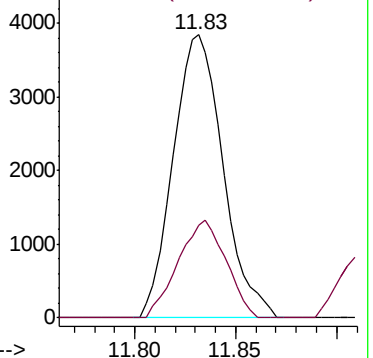
75 100

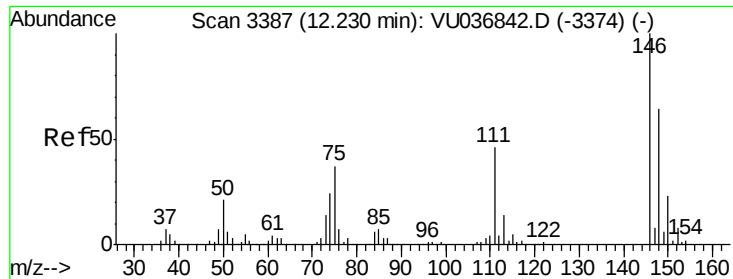
77 33.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU036842.D (-2944) (-)

Ion 77.00 (76.70 to 77.70): VU036842.D (-2944) (-)

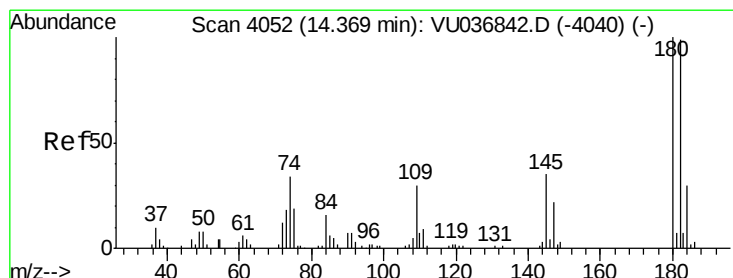
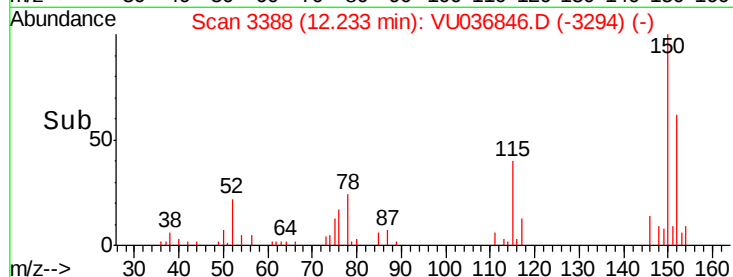
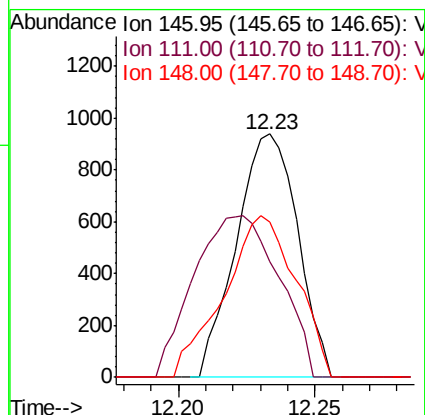
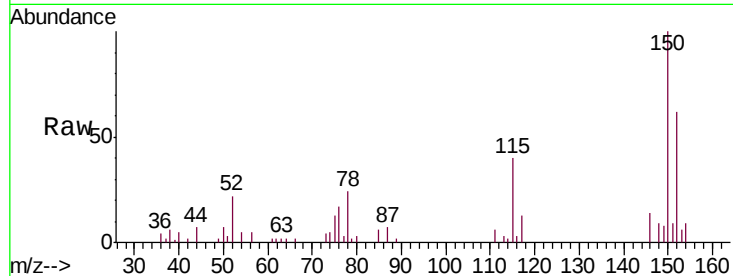




#65
 1,2-Dichlorobenzene
 Concen: 0.104 ug/L
 RT: 12.23 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VU036846.D
 Acq: 19 Feb 2020 13:57

Instrument :
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 DBDJ5

Tgt Ion:146 Resp: 1466
 Ion Ratio Lower Upper
 146 100
 111 47.4 35.9 53.9
 148 63.9 50.4 75.6



#70
 1,2,3-Trichlorobenzene
 Concen: 0.237 ug/L
 RT: 14.37 min Scan# 4053
 Delta R.T. 0.00 min
 Lab File: VU036846.D
 Acq: 19 Feb 2020 13:57

Tgt Ion:180 Resp: 1654
 Ion Ratio Lower Upper
 180 100
 182 96.5 78.2 117.4
 145 27.7 27.0 40.6

