

Data File : VU036749.D
Acq On : 12 Feb 2020 14:36
Operator : JC/MD
Sample : L1487-05MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCT5MSD

Quant Time: Feb 13 01:03:11 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	136709	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	128807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53156	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47338	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.93	69	43240	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.59	63	83028	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	4.69	46	110989	45.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.04%
24) Chloroform-d	5.11	84	74716	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.74	65	43225	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.76	84	167298	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.73	67	53033	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.93	98	150163	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.20	79	19185	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.66	63	95091	43.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.20%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39283	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	46637	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

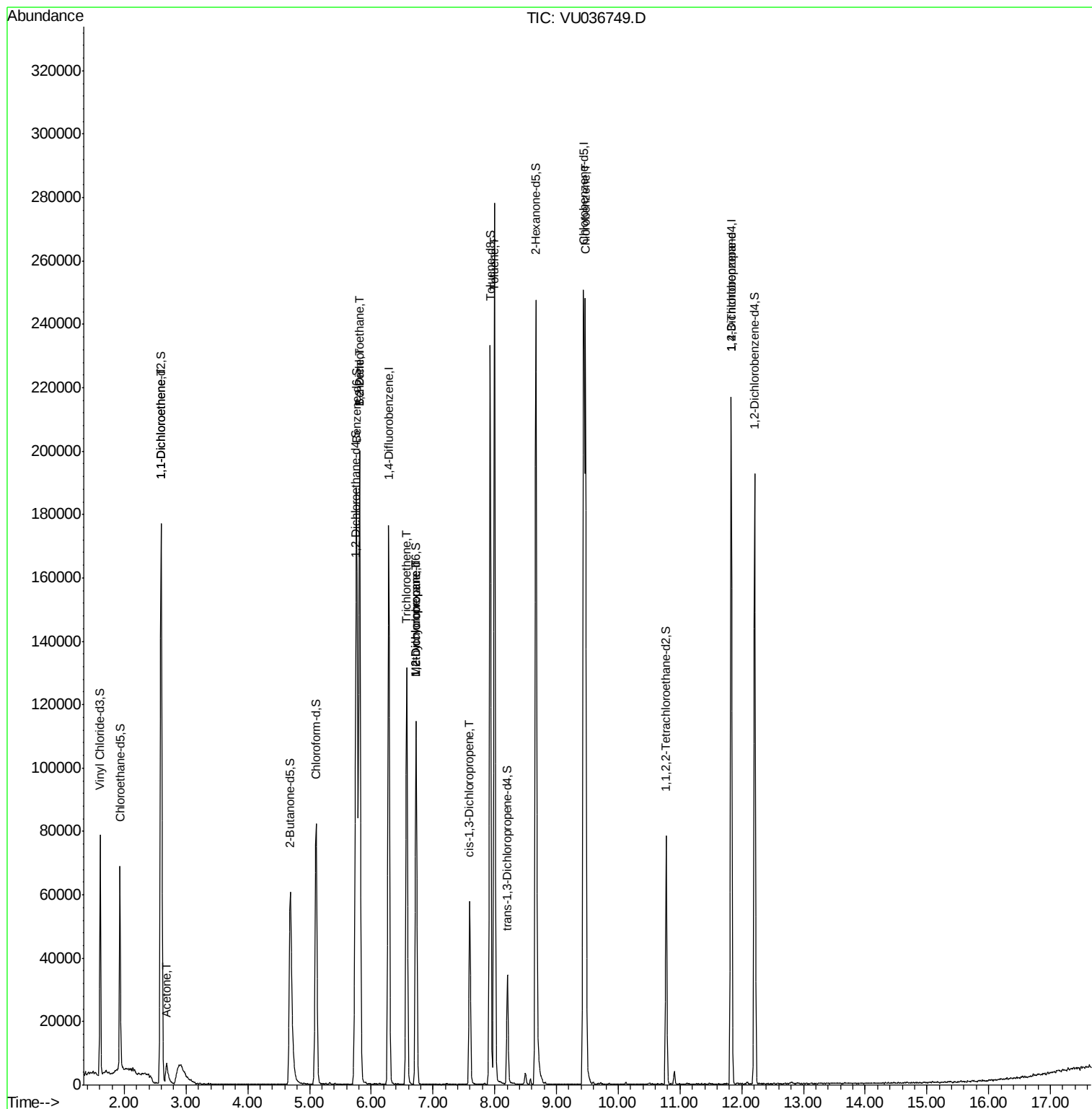
					Qvalue
12) 1,1-Dichloroethene	2.60	96	38008	4.571 ug/L	99
13) Acetone	2.68	43	12275	3.894 ug/L	98
27) 1,2-Dichloroethane	5.81	62	1854	0.151 ug/L #	76
33) Benzene	5.81	78	184487	4.643 ug/L	100
34) Trichloroethene	6.57	95	44930	4.440 ug/L	97
35) Methylcyclohexane	6.73	83	11571	0.721 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	5633	0.519 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1431	0.091 ug/L #	49
42) Toluene	8.00	91	199736	4.681 ug/L	96
51) Chlorobenzene	9.47	112	121773	4.613 ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	7830	1.093 ug/L	94

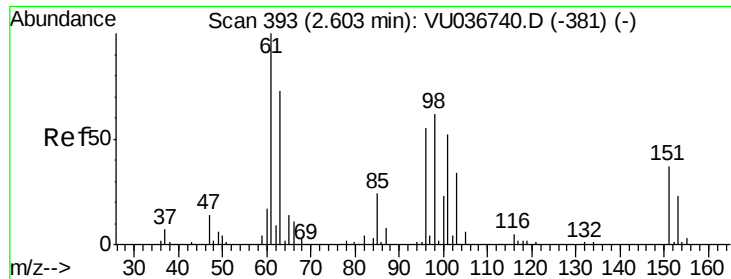
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.571 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU036749.D

Acq: 12 Feb 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

DBCT5MSD

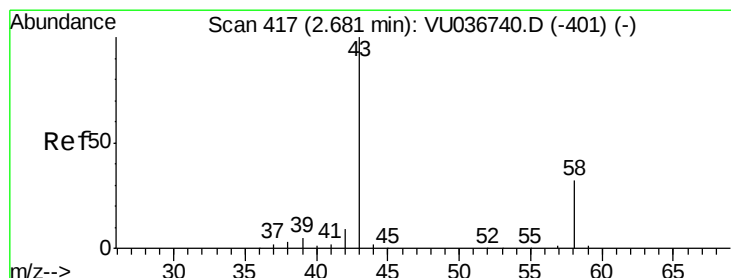
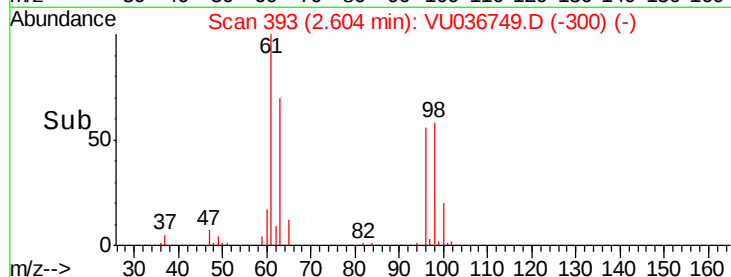
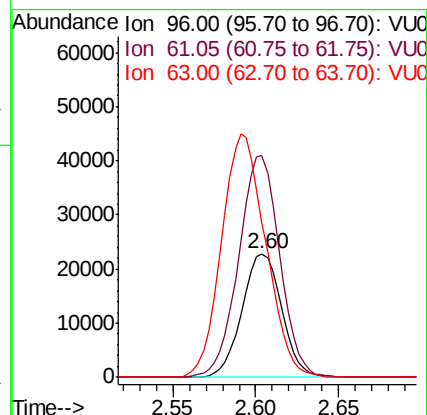
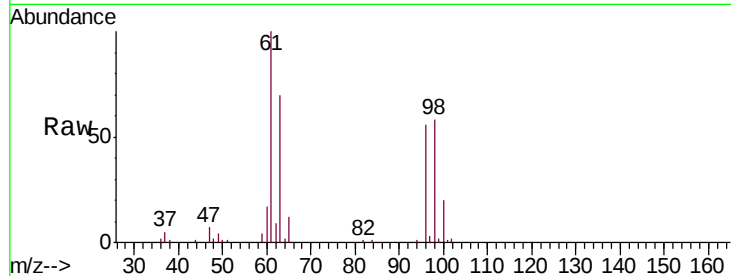
Tgt Ion: 96 Resp: 38008

Ion Ratio Lower Upper

96 100

61 179.4 126.4 234.8

63 125.7 89.5 166.3



#13

Acetone

Concen: 3.894 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU036749.D

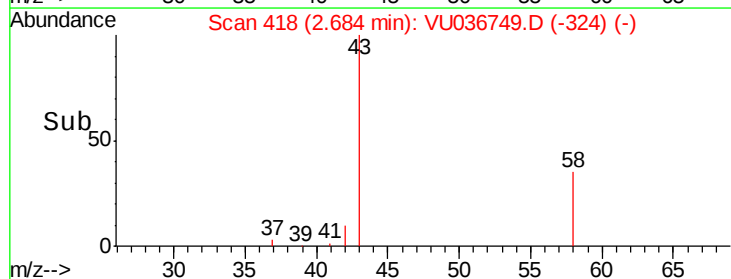
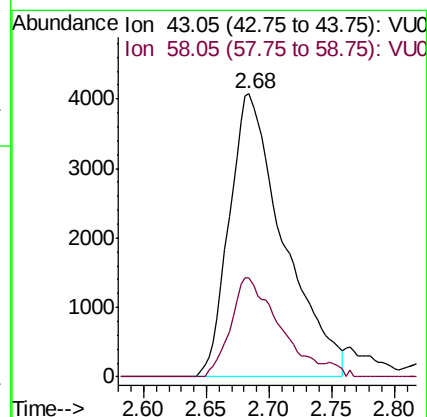
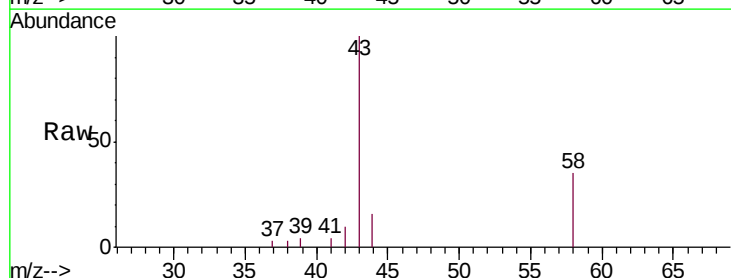
Acq: 12 Feb 2020 14:36

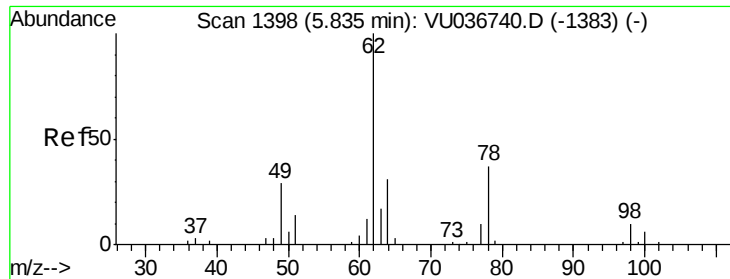
Tgt Ion: 43 Resp: 12275

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.2

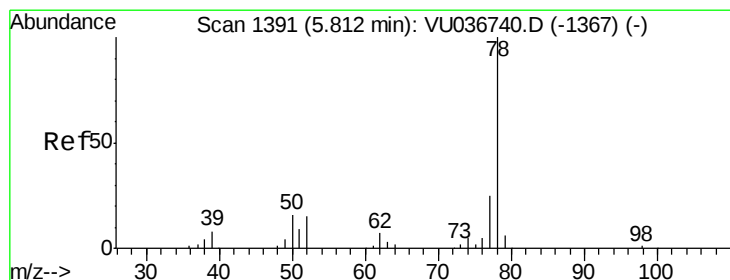
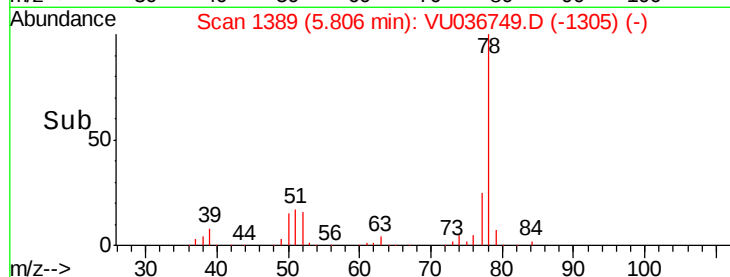
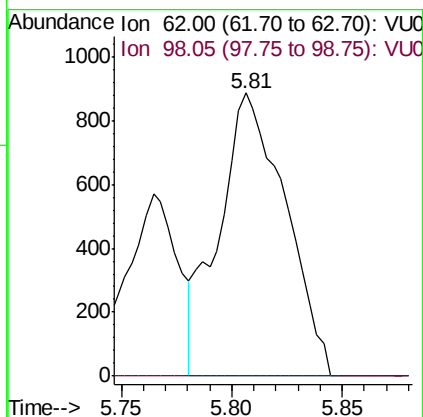
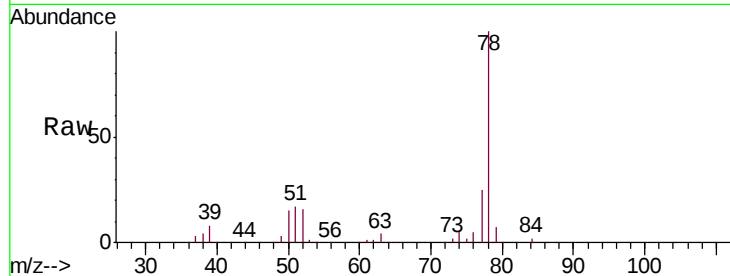




#27
 1,2-Dichloroethane
 Concen: 0.151 ug/L
 RT: 5.81 min Scan# 1389
 Delta R.T. -0.03 min
 Lab File: VU036749.D
 Acq: 12 Feb 2020 14:36

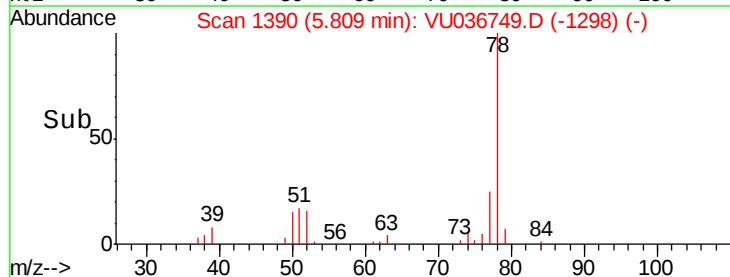
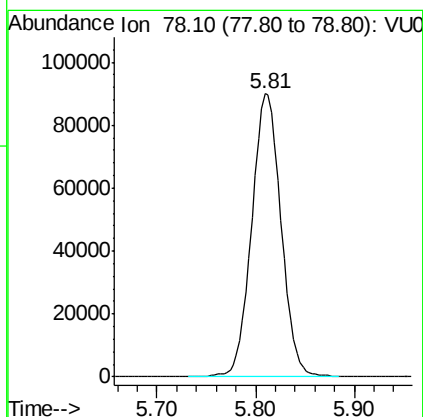
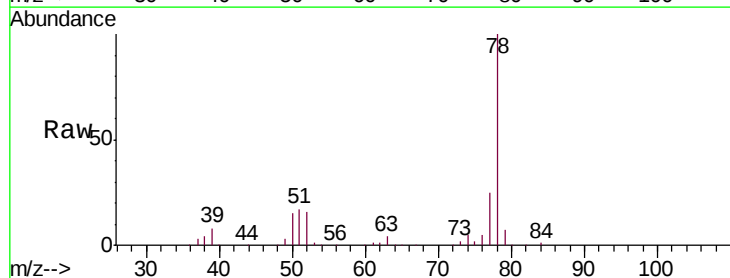
Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT5MSD

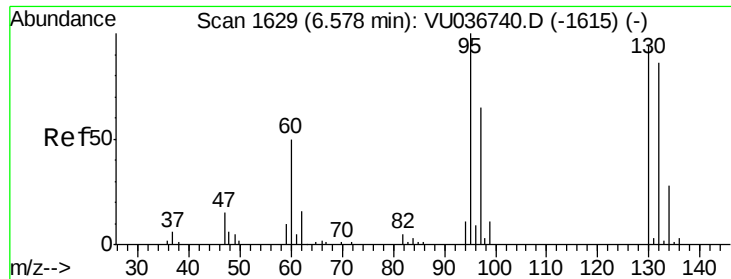
Tgt Ion: 62 Resp: 1854
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.4#



#33
 Benzene
 Concen: 4.643 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VU036749.D
 Acq: 12 Feb 2020 14:36

Tgt Ion: 78 Resp: 184487





#34

Trichloroethene

Concen: 4.440 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036749.D

Acq: 12 Feb 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

DBCT5MSD

Tgt Ion: 95 Resp: 44930

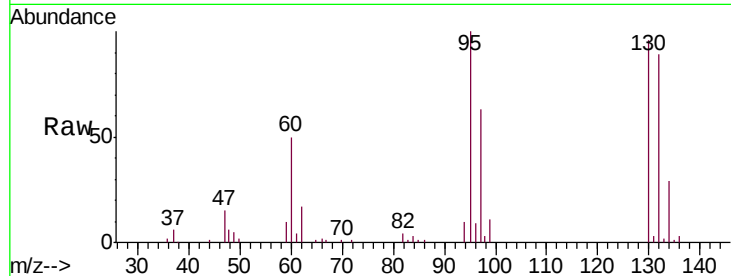
Ion Ratio Lower Upper

95 100

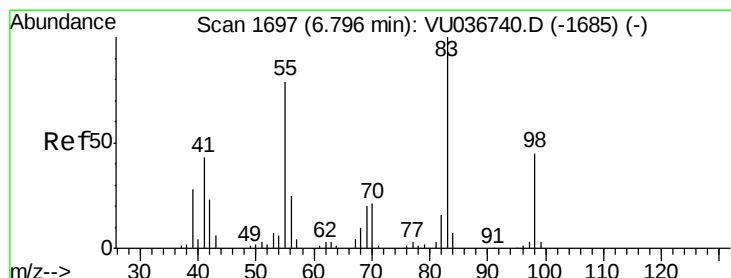
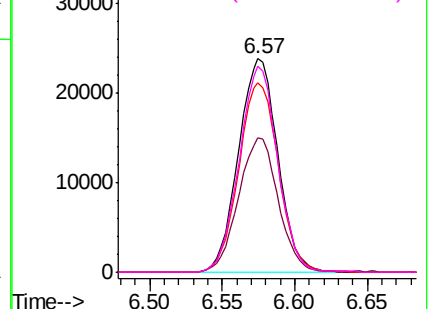
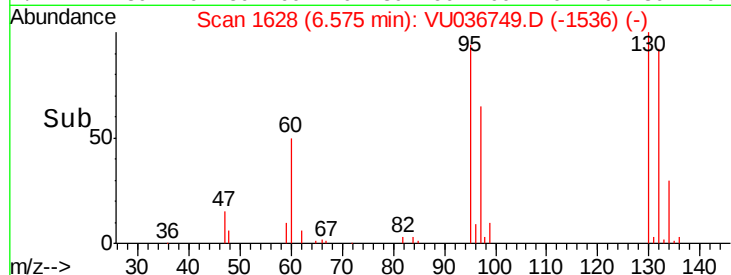
97 63.0 45.6 84.8

132 88.6 62.8 116.6

130 96.5 63.8 118.4



Abundance Ion 95.00 (94.70 to 95.70): VU036749.D (-1536) (-)



#35

Methylcyclohexane

Concen: 0.721 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036749.D

Acq: 12 Feb 2020 14:36

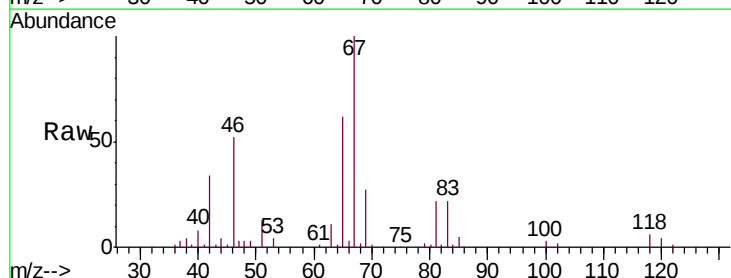
Tgt Ion: 83 Resp: 11571

Ion Ratio Lower Upper

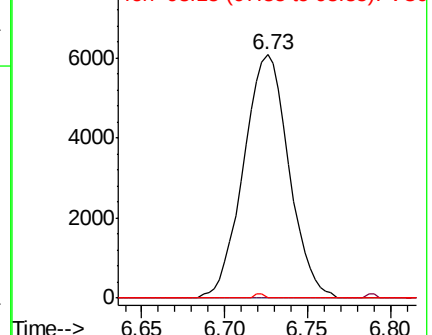
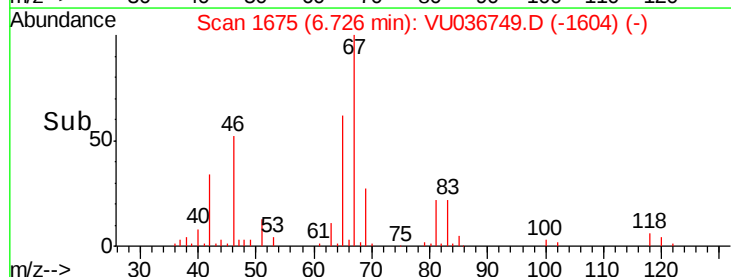
83 100

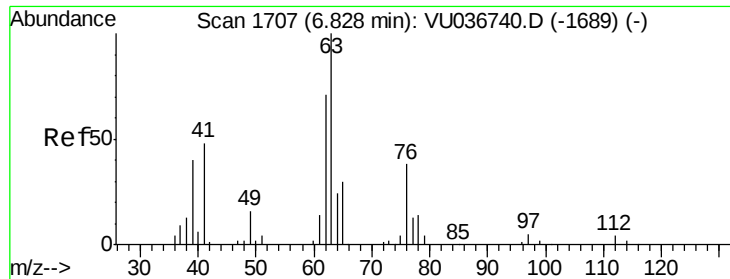
55 0.4 61.0 91.4#

98 0.4 34.2 51.4#



Abundance Ion 83.15 (82.85 to 83.85): VU036749.D (-1604) (-)

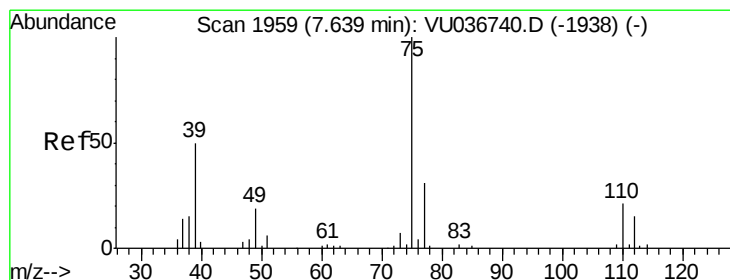
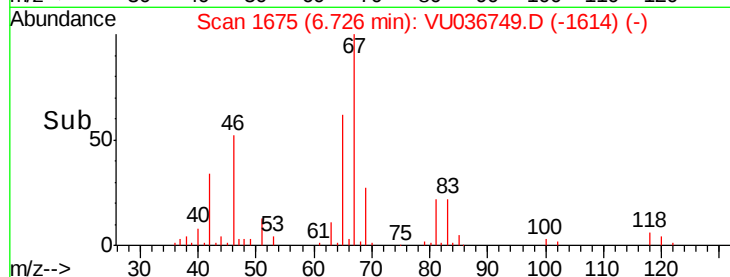
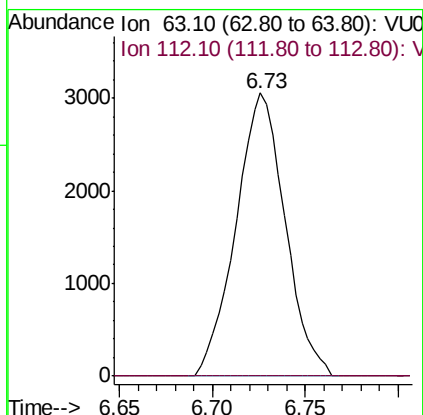
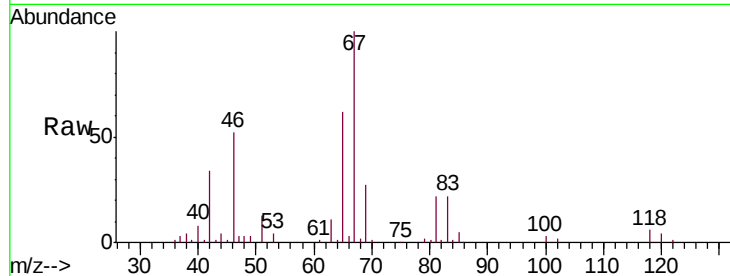




#37
 1,2-Dichloropropane
 Concen: 0.519 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036749.D
 Acq: 12 Feb 2020 14:36

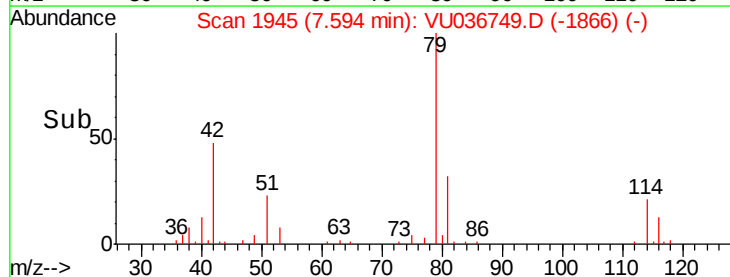
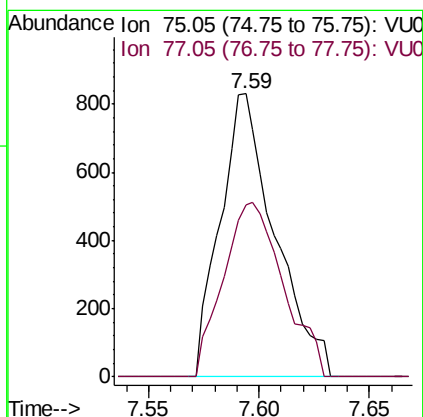
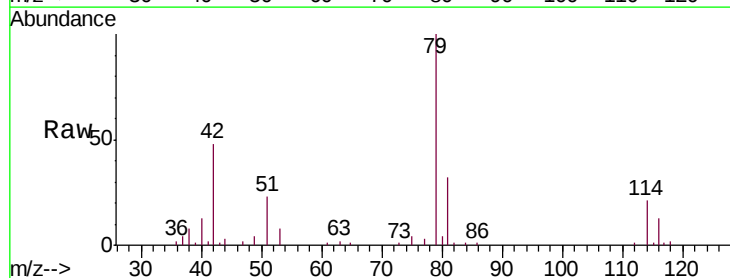
Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT5MSD

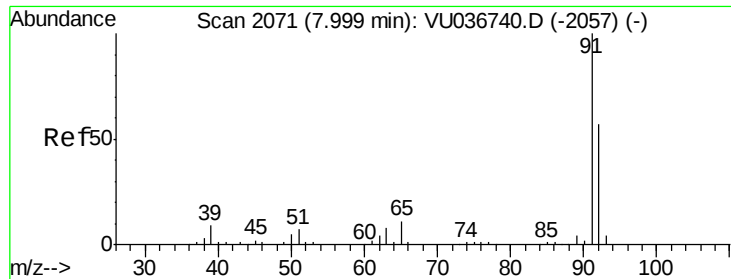
Tgt Ion: 63 Resp: 5633
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036749.D
 Acq: 12 Feb 2020 14:36

Tgt Ion: 75 Resp: 1431
 Ion Ratio Lower Upper
 75 100
 77 60.7 22.5 41.9#





#42

Toluene

Concen: 4.681 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036749.D

Acq: 12 Feb 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

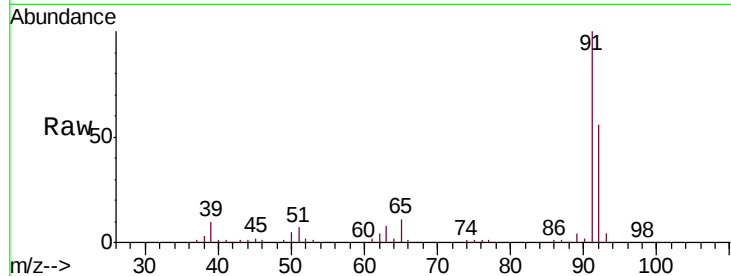
DBCT5MSD

Tgt Ion: 91 Resp: 199736

Ion Ratio Lower Upper

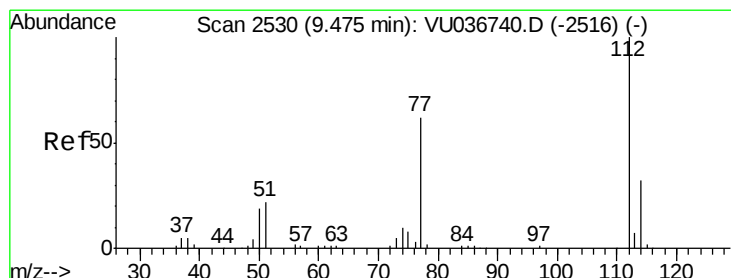
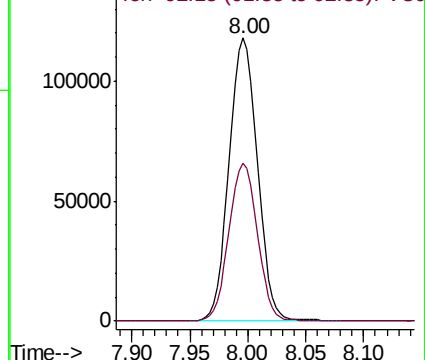
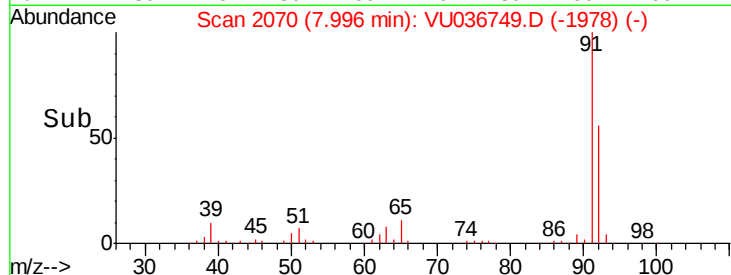
91 100

92 55.7 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036749.D (-1978) (-)

Ion 92.15 (91.85 to 92.85): VU036749.D (-1978) (-)



#51

Chlorobenzene

Concen: 4.613 ug/L

RT: 9.47 min Scan# 2529

Delta R.T. -0.00 min

Lab File: VU036749.D

Acq: 12 Feb 2020 14:36

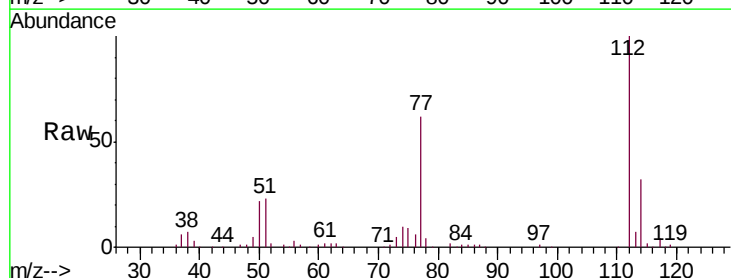
Tgt Ion: 112 Resp: 121773

Ion Ratio Lower Upper

112 100

114 32.1 22.9 42.5

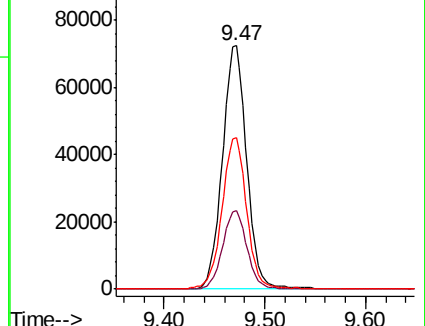
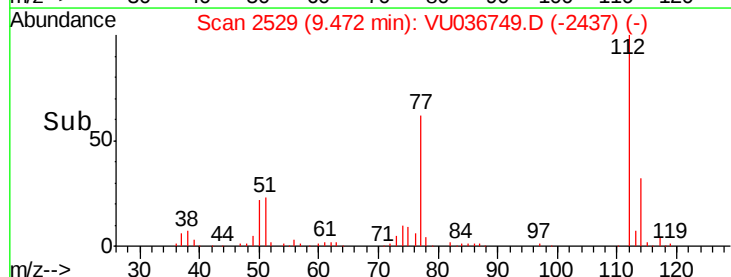
77 62.2 51.0 76.4

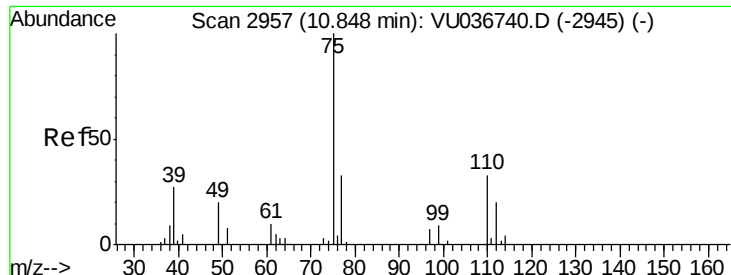


Abundance Ion 112.10 (111.80 to 112.80): VU036749.D (-2437) (-)

Ion 114.05 (113.75 to 114.75): VU036749.D (-2437) (-)

Ion 77.10 (76.80 to 77.80): VU036749.D (-2437) (-)





#59

1,2,3-Trichloropropane

Concen: 1.093 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036749.D

Acq: 12 Feb 2020 14:36

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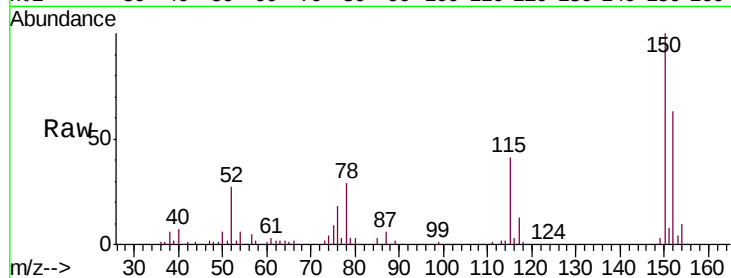
DBCT5MSD

Tgt Ion: 75 Resp: 7830

Ion Ratio Lower Upper

75 100

77 35.6 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

