

Data File : VU036776.D
Acq On : 13 Feb 2020 16:58
Operator : JC/MD
Sample : L1517-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX5

Quant Time: Feb 14 00:20:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 00:15:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	134378	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	126655	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	57960	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	49373	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.93	69	46094	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.59	63	66159	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.67	46	122782	50.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.32%
24) Chloroform-d	5.11	84	76989	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.74	65	47397	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.76	84	178691	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.73	67	57061	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.92	98	162858	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	20827	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.66	63	109175	50.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.66%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	44459	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	55891	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

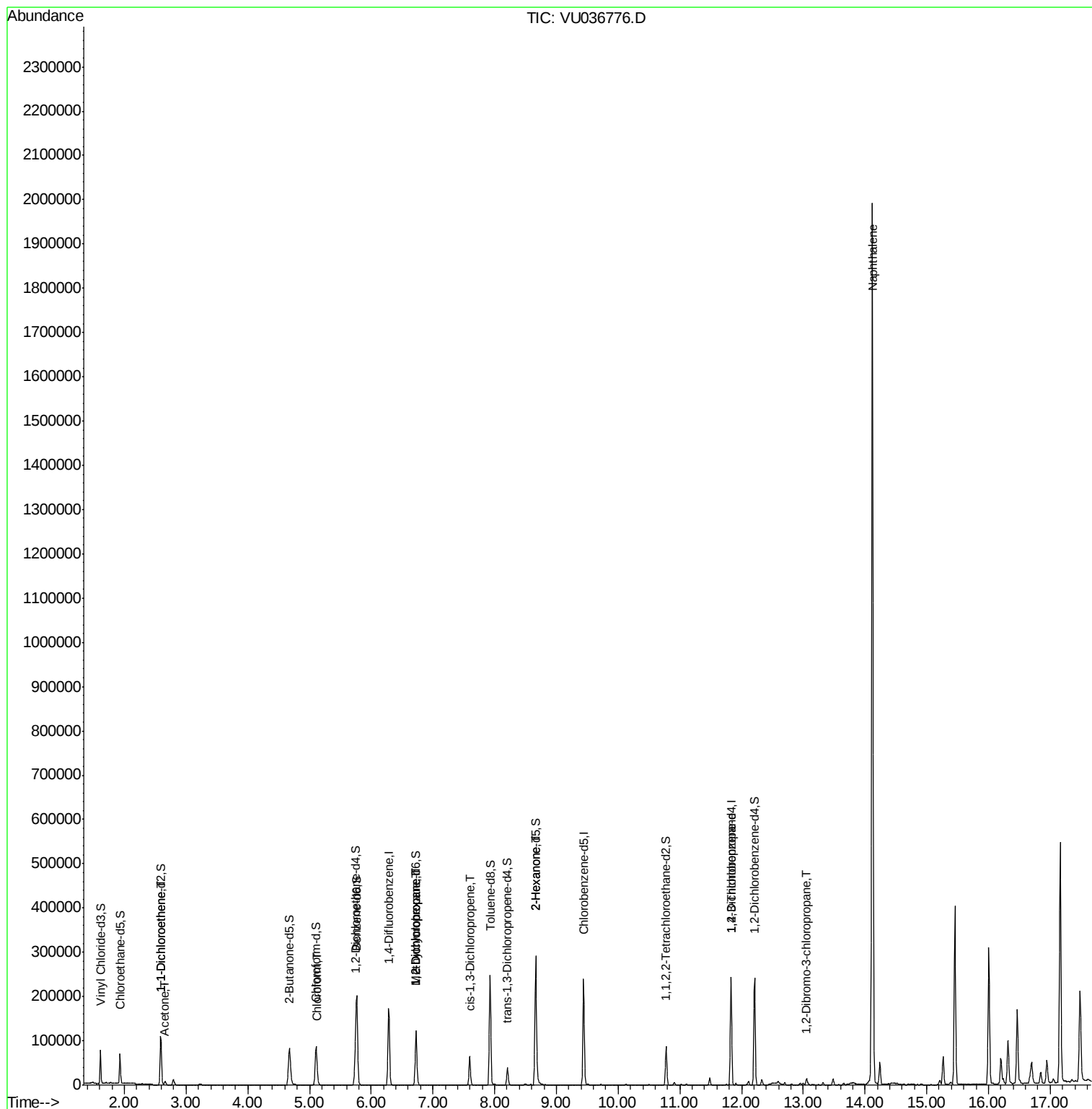
					Qvalue
12) 1,1-Dichloroethene	2.59	96	507	0.062 ug/L #	1
13) Acetone	2.66	43	9990	3.224 ug/L	93
25) Chloroform	5.13	83	4942	0.262 ug/L	96
35) Methylcyclohexane	6.73	83	12394	0.785 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	6312	0.592 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1599	0.104 ug/L #	40
48) 2-Hexanone	8.66	43	13977	2.373 ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	8747	1.242 ug/L	91
66) 1,2-Dibromo-3-chloropropan	13.04	75	221	0.154 ug/L #	11
69) Naphthalene	14.12	128	1528465	79.579 ug/L	99

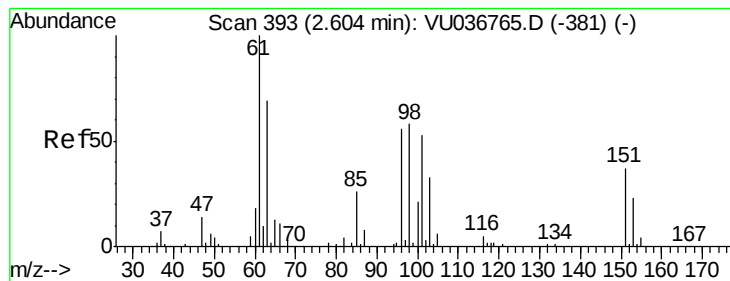
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU036776.D

Acq: 13 Feb 2020 16:58

Instrument :

MSVOA_U

ClientSampleId :

DBCX5

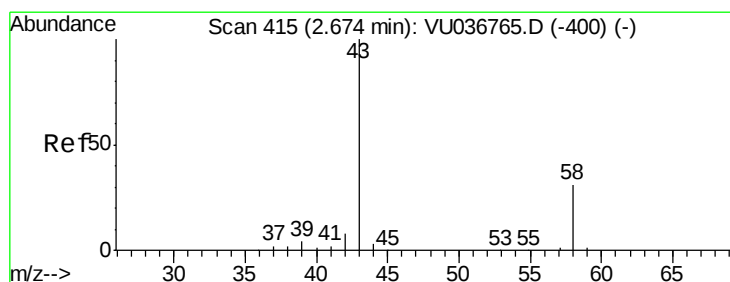
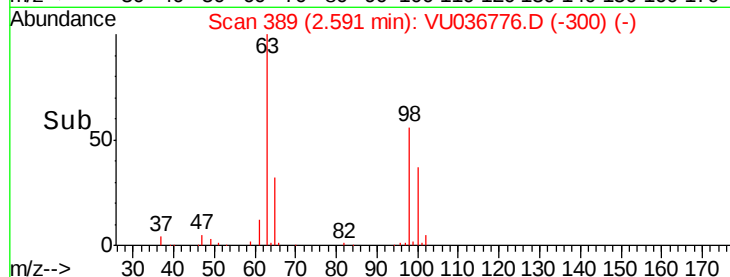
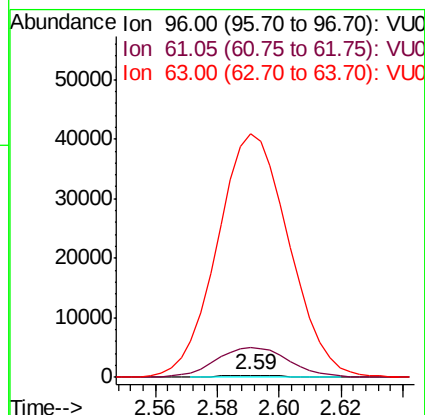
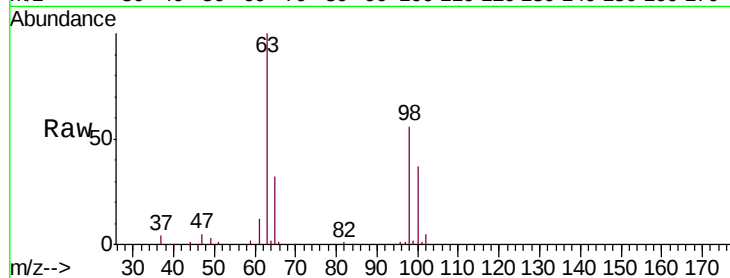
Tgt Ion: 96 Resp: 507

Ion Ratio Lower Upper

96 100

61 1383.7 126.4 234.8#

63 11297.2 89.5 166.3#



#13

Acetone

Concen: 3.224 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

Lab File: VU036776.D

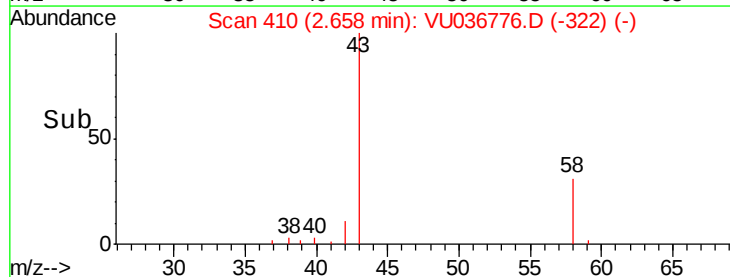
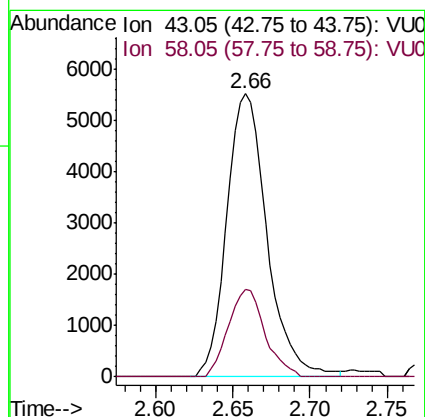
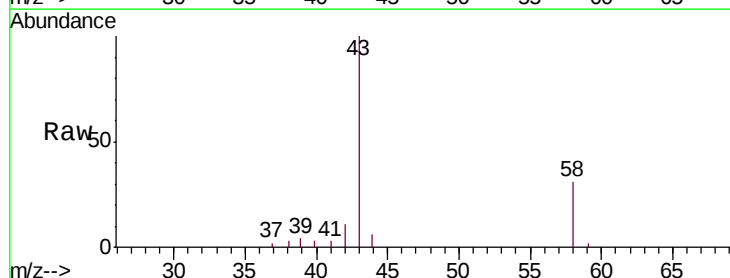
Acq: 13 Feb 2020 16:58

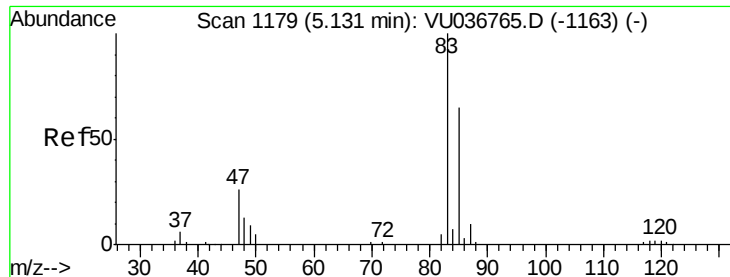
Tgt Ion: 43 Resp: 9990

Ion Ratio Lower Upper

43 100

58 28.0 0.0 64.2

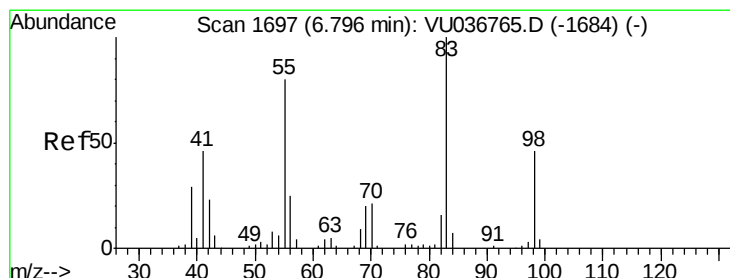
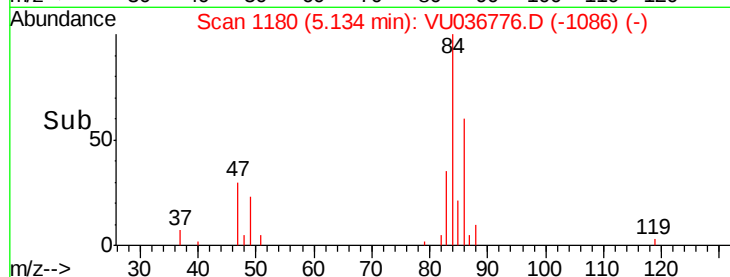
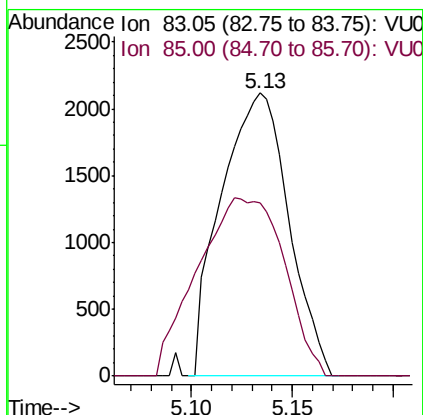
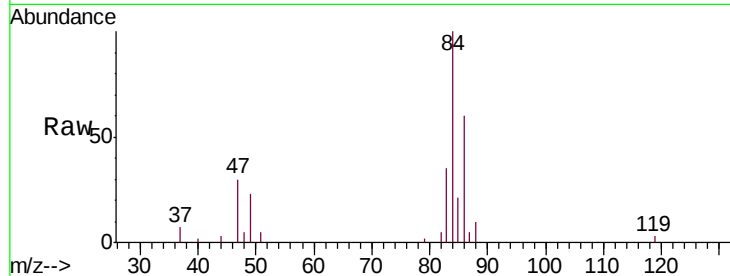




#25
Chloroform
Concen: 0.262 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036776.D
Acq: 13 Feb 2020 16:58

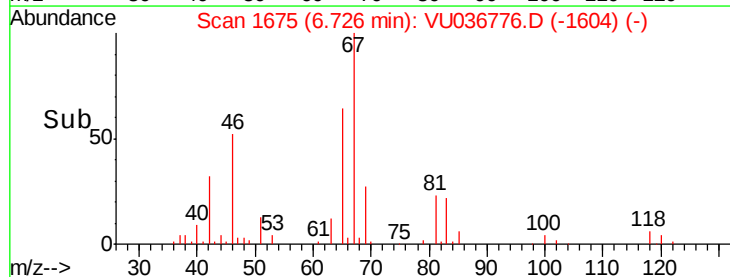
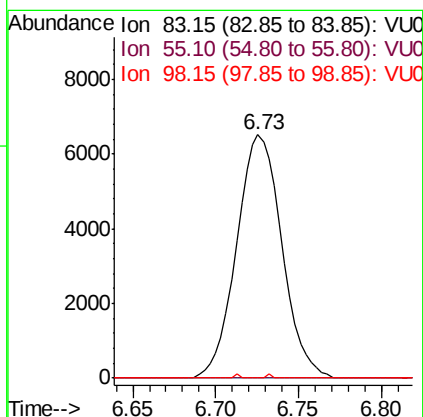
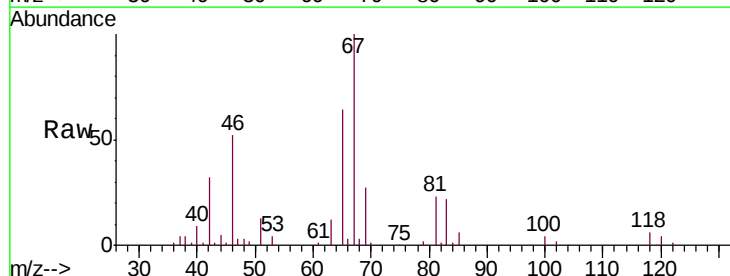
Instrument :
MSVOA_U
ClientSampleId :
DBCX5

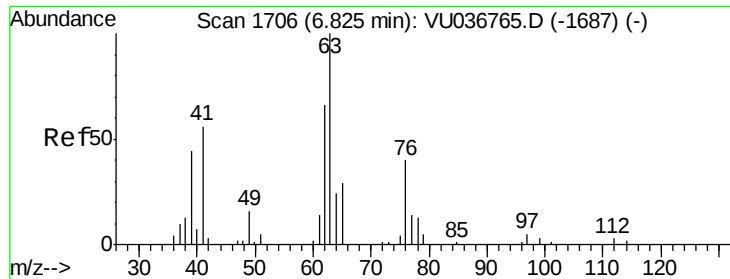
Tgt Ion: 83 Resp: 4942
Ion Ratio Lower Upper
83 100
85 61.4 45.4 84.2



#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036776.D
Acq: 13 Feb 2020 16:58

Tgt Ion: 83 Resp: 12394
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.2 34.2 51.4#

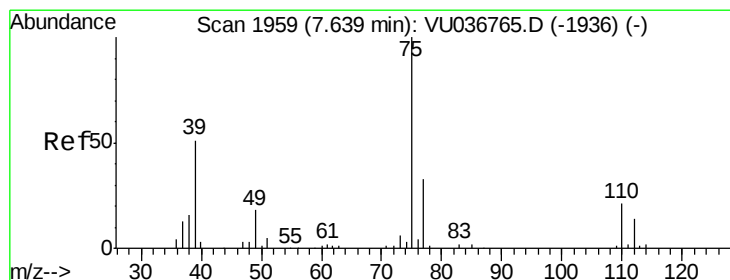
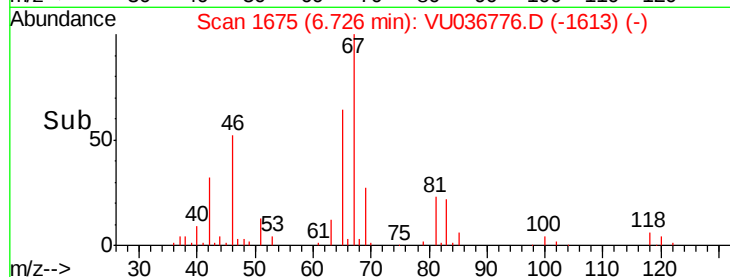
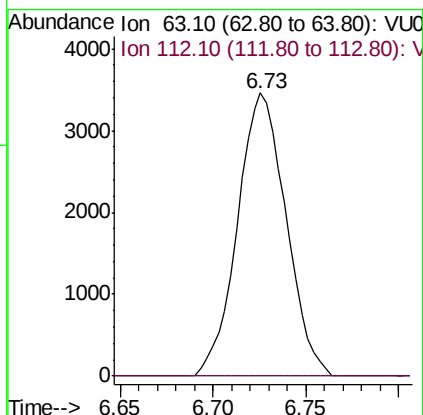
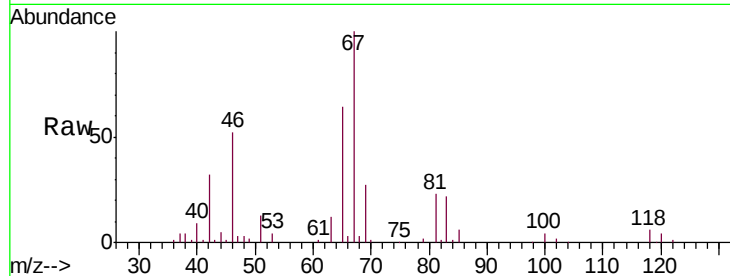




#37
 1,2-Dichloropropane
 Concen: 0.592 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036776.D
 Acq: 13 Feb 2020 16:58

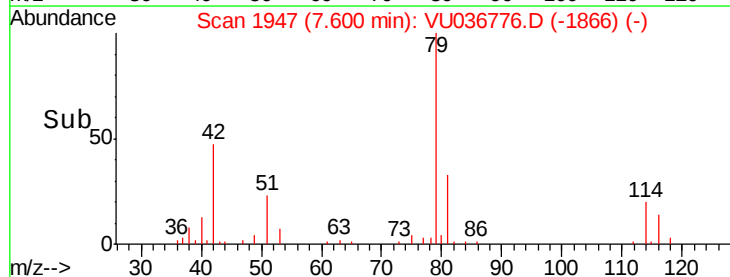
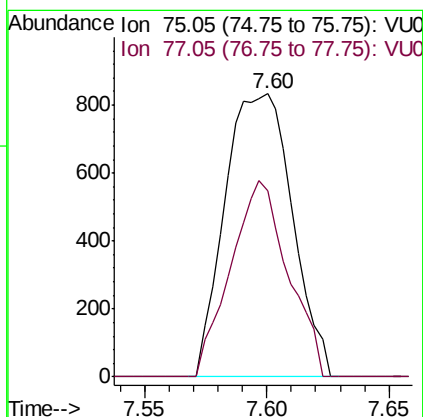
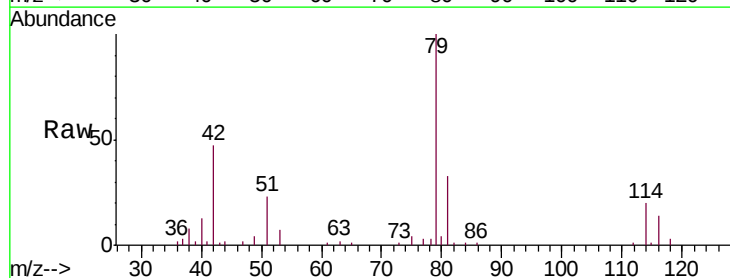
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 DBCX5

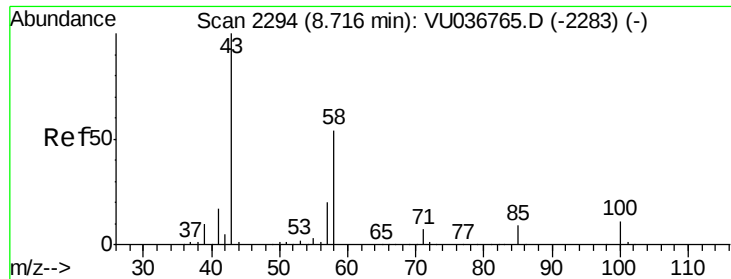
Tgt Ion: 63 Resp: 6312
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036776.D
 Acq: 13 Feb 2020 16:58

Tgt Ion: 75 Resp: 1599
 Ion Ratio Lower Upper
 75 100
 77 65.7 22.5 41.9#

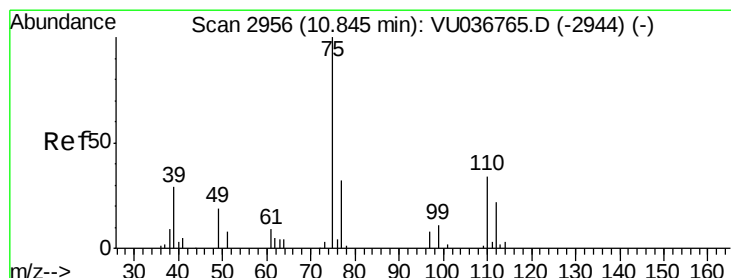
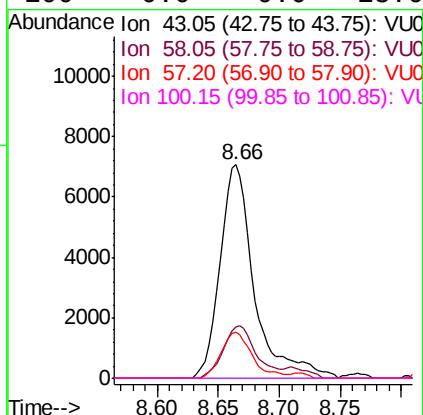
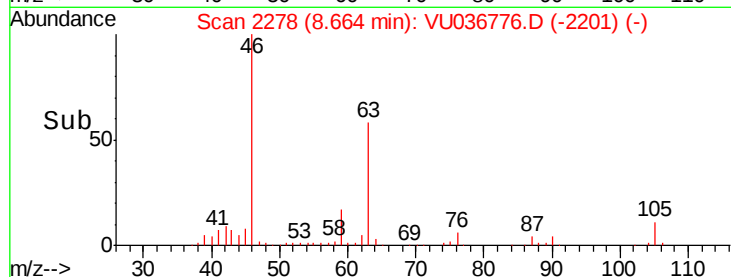
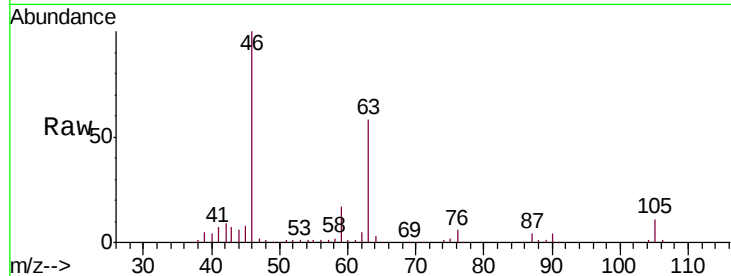




#48
2-Hexanone
Concen: 2.373 ug/L
RT: 8.66 min Scan# 2278
Delta R.T. -0.05 min
Lab File: VU036776.D
Acq: 13 Feb 2020 16:58

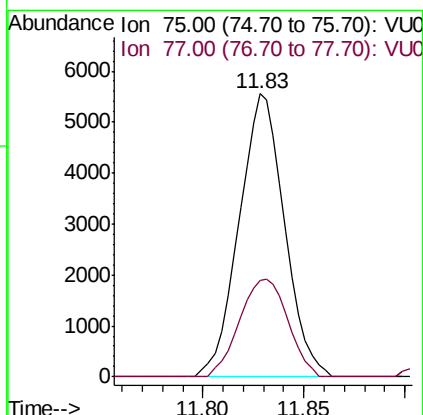
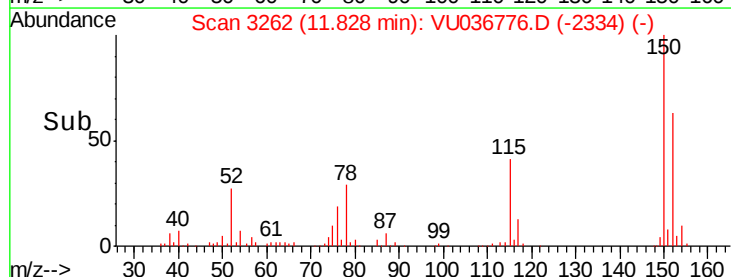
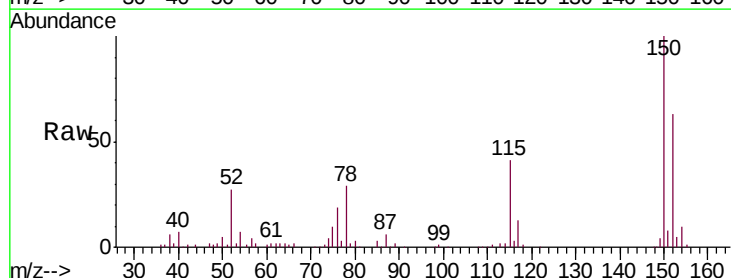
Instrument :
MSVOA_U
ClientSampleId :
DBCX5

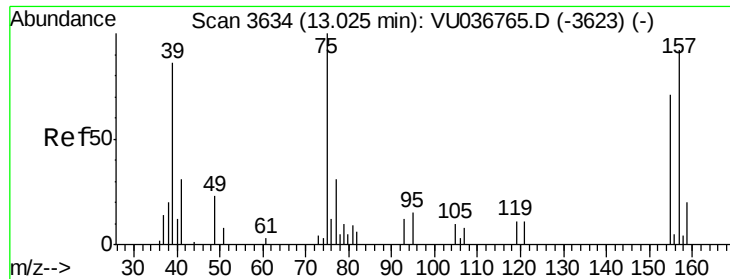
Tgt Ion: 43 Resp: 13977
Ion Ratio Lower Upper
43 100
58 23.4 43.6 65.4#
57 19.8 15.0 22.4
100 0.0 9.0 13.6#



#59
1,2,3-Trichloropropane
Concen: 1.242 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.98 min
Lab File: VU036776.D
Acq: 13 Feb 2020 16:58

Tgt Ion: 75 Resp: 8747
Ion Ratio Lower Upper
75 100
77 36.8 25.6 38.4

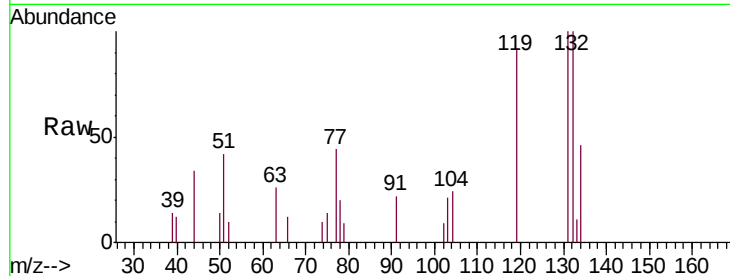




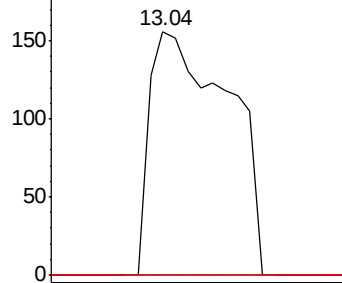
#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.154 ug/L
 RT: 13.04 min Scan# 3639
 Delta R.T. 0.02 min
 Lab File: VU036776.D
 Acq: 13 Feb 2020 16:58

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCX5

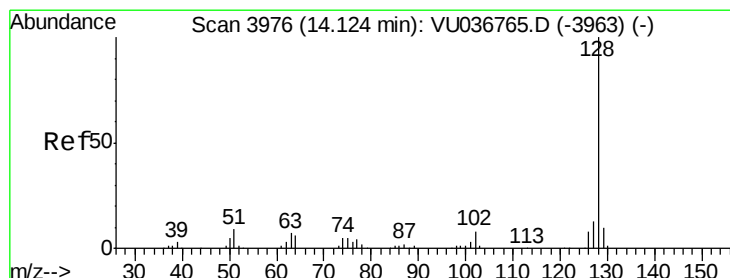
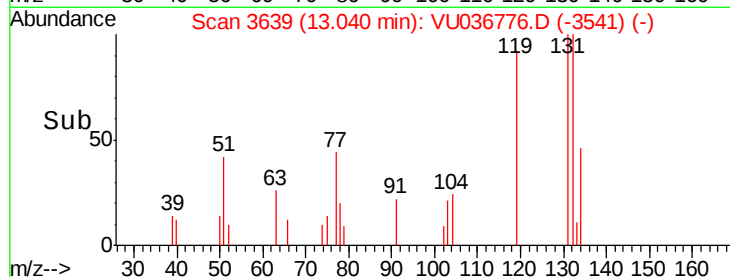
Tgt Ion: 75 Resp: 221
 Ion Ratio Lower Upper
 75 100
 155 0.0 52.9 79.3#
 157 0.0 69.2 103.8#



Abundance Ion 75.05 (74.75 to 75.75): VU036776.D (-3541) (-)
 Ion 154.95 (154.65 to 155.65): VU036776.D (-3541) (-)
 Ion 156.90 (156.60 to 157.60): VU036776.D (-3541) (-)

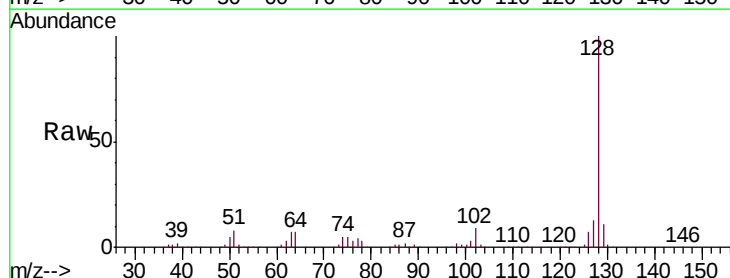


Time--> 13.02 13.04 13.06 13.08

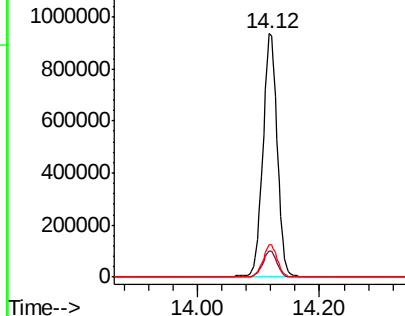


#69
 Naphthalene
 Concen: 79.579 ug/L
 RT: 14.12 min Scan# 3974
 Delta R.T. -0.01 min
 Lab File: VU036776.D
 Acq: 13 Feb 2020 16:58

Tgt Ion: 128 Resp: 1528465
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.0 13.4
 127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): VU036776.D (-3354) (-)
 Ion 129.00 (128.70 to 129.70): VU036776.D (-3354) (-)
 Ion 127.00 (126.70 to 127.70): VU036776.D (-3354) (-)



Time--> 14.00 14.20

