

Data File : VU036661.D
Acq On : 31 Jan 2020 23:53
Operator : JC/MD
Sample : L1326-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCS3

Quant Time: Feb 01 00:25:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 00:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	286721	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261826	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	105554	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122866	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.00%
7) Chloroethane-d5	1.92	69	100535	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.52%
11) 1,1-Dichloroethene-d2	2.59	63	147759	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	4.68	46	148877	92.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.51%
24) Chloroform-d	5.11	84	175856	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.75	65	121685	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
32) Benzene-d6	5.77	84	394458	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.50%
36) 1,2-Dichloropropane-d6	6.73	67	129986	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.80%
41) Toluene-d8	7.93	98	357549	48.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.78%
43) trans-1,3-Dichloropropene-	8.21	79	59348	46.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.66%
47) 2-Hexanone-d5	8.67	63	145234	100.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	176436	47.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.30%
64) 1,2-Dichlorobenzene-d4	12.21	152	109810	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

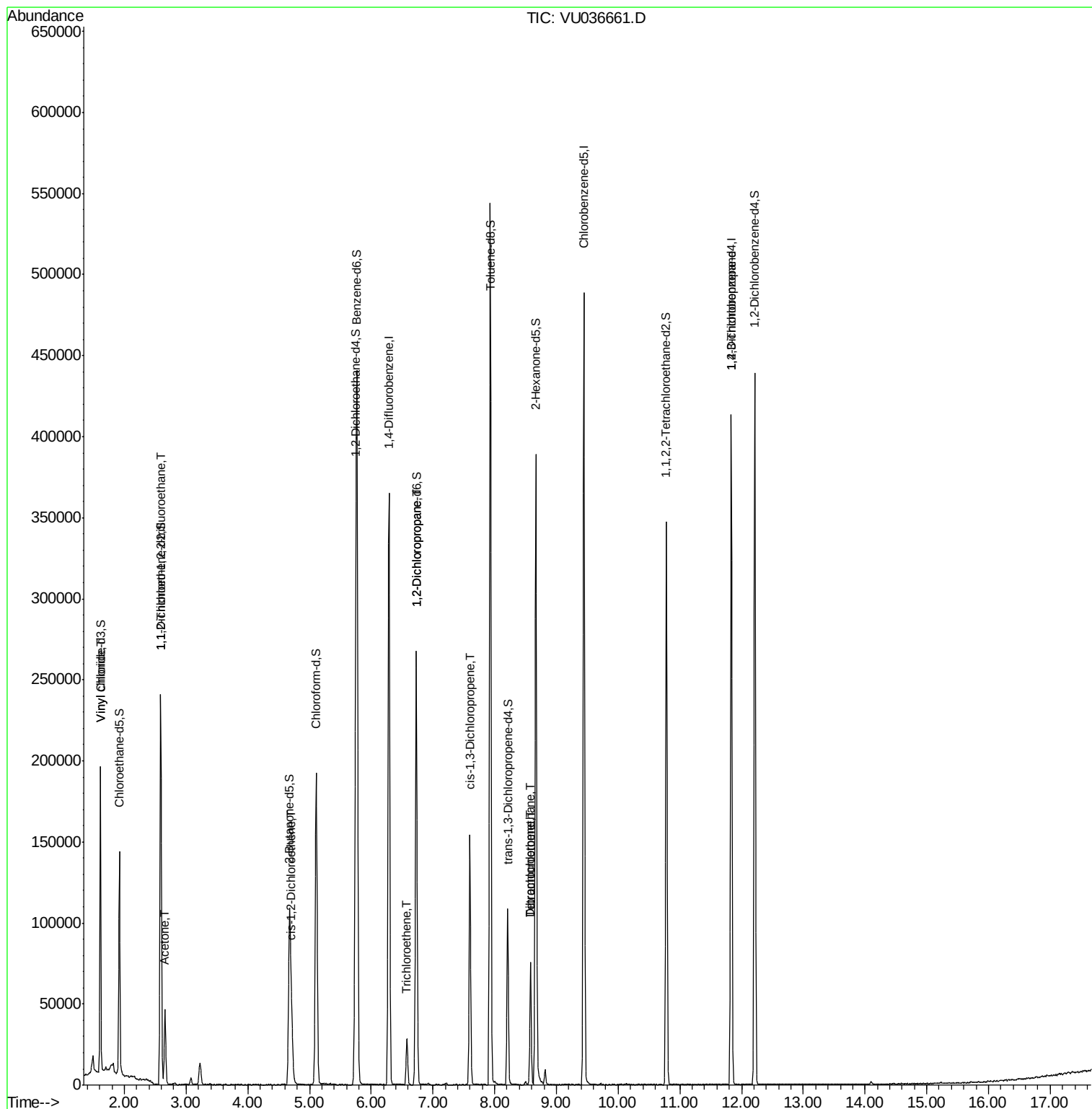
					Qvalue
5) Vinyl chloride	1.62	62	2839	1.000 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1273	0.712 ug/L #	22
13) Acetone	2.66	43	48293	35.288 ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	14381	6.442 ug/L	98
34) Trichloroethene	6.58	95	10073	4.964 ug/L	92
37) 1,2-Dichloropropane	6.73	63	14006	6.193 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3594	1.004 ug/L #	70
46) Tetrachloroethene	8.58	164	16078	10.765 ug/L	99
49) Dibromochloromethane	8.58	129	15967	7.949 ug/L #	12
59) 1,2,3-Trichloropropane	11.83	75	14707	4.899 ug/L	91

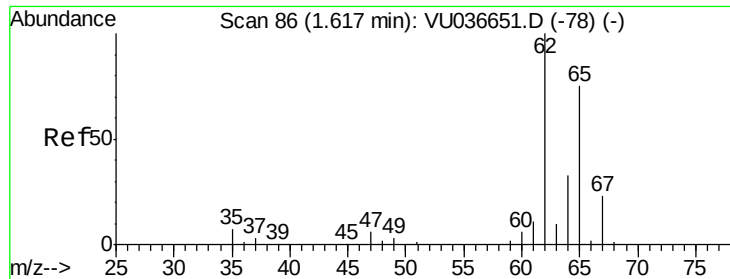
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.000 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU036661.D

Acq: 31 Jan 2020 23:53

Instrument :

MSVOA_U

ClientSampled :

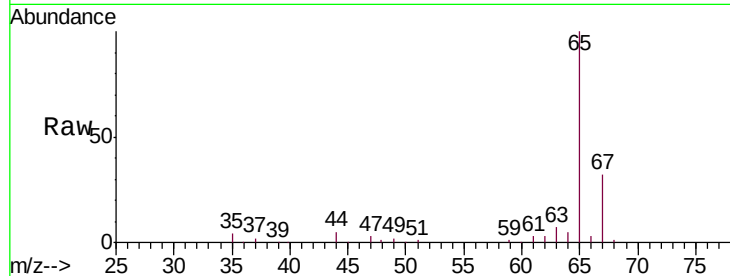
DBCS3

Tgt Ion: 62 Resp: 2839

Ion Ratio Lower Upper

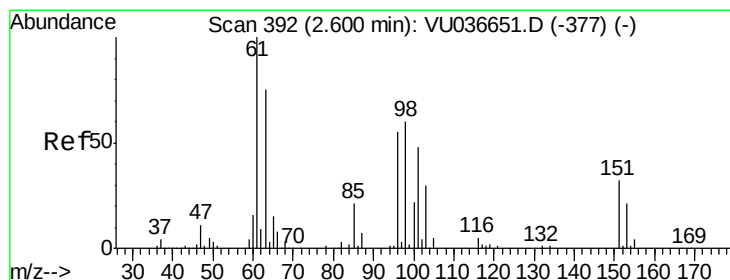
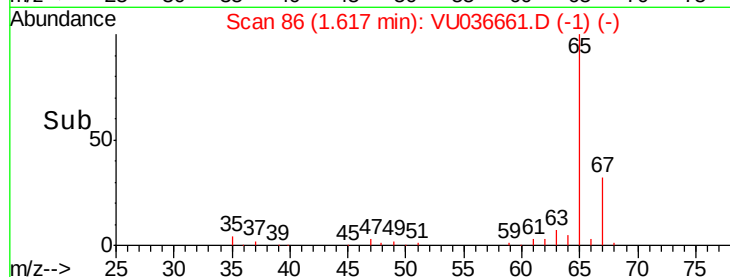
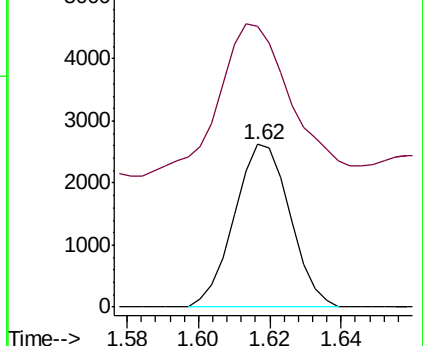
62 100

64 172.8 24.7 45.9#



Abundance Ion 62.00 (61.70 to 62.70): VU036661.D (-78) (-)

Ion 64.00 (63.70 to 64.70): VU036661.D (-78) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.712 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU036661.D

Acq: 31 Jan 2020 23:53

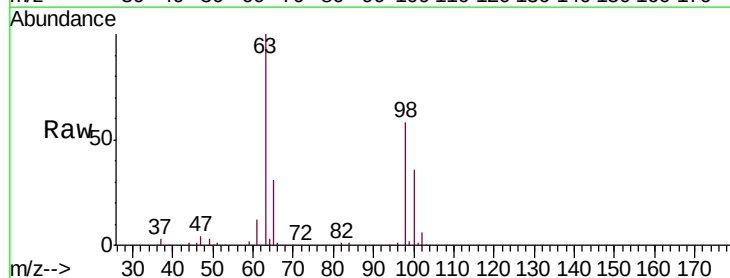
Tgt Ion: 101 Resp: 1273

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

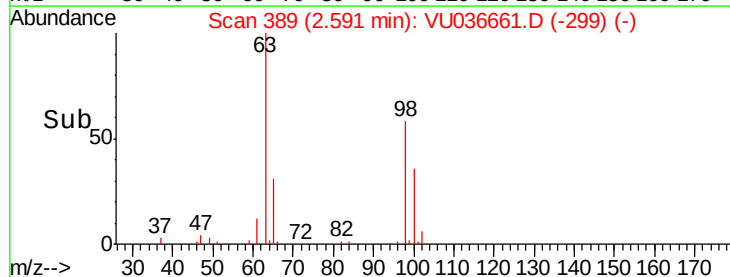
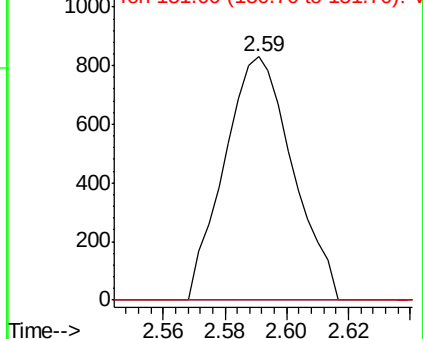
151 0.0 54.7 82.1#

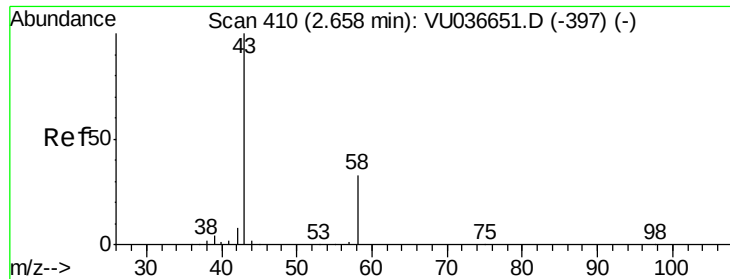


Abundance Ion 101.00 (100.70 to 101.70): VU036661.D (-377) (-)

Ion 85.00 (84.70 to 85.70): VU036661.D (-377) (-)

Ion 151.00 (150.70 to 151.70): VU036661.D (-377) (-)





#13

Acetone

Concen: 35.288 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036661.D

Acq: 31 Jan 2020 23:53

Instrument :

MSVOA_U

ClientSampleId :

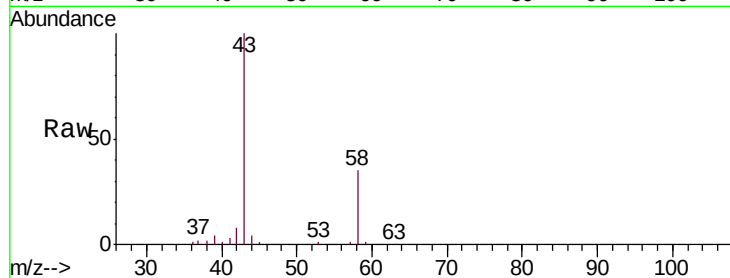
DBCS3

Tgt Ion: 43 Resp: 48293

Ion Ratio Lower Upper

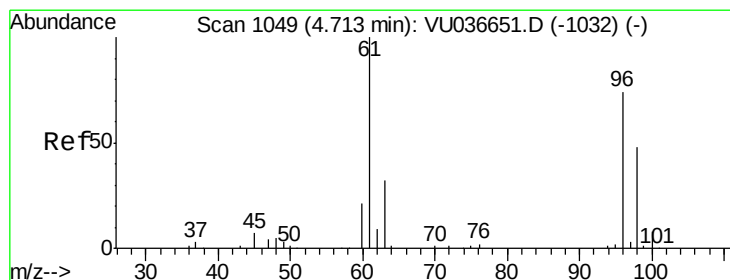
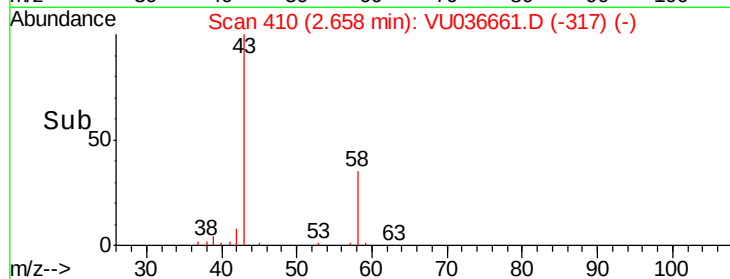
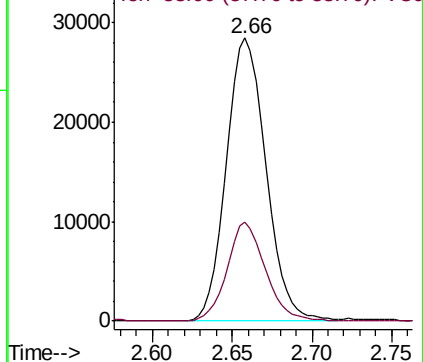
43 100

58 33.5 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VU036661.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036661.D (-317) (-)



#20

cis-1,2-Dichloroethene

Concen: 6.442 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU036661.D

Acq: 31 Jan 2020 23:53

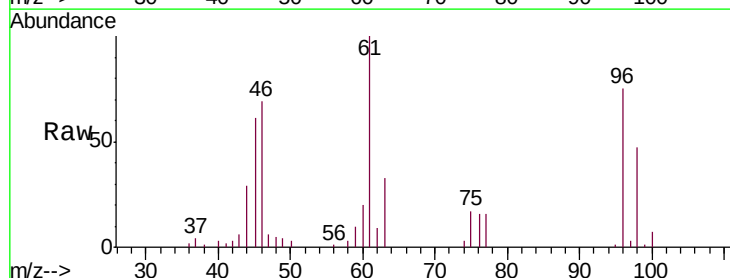
Tgt Ion: 96 Resp: 14381

Ion Ratio Lower Upper

96 100

61 133.5 94.9 176.3

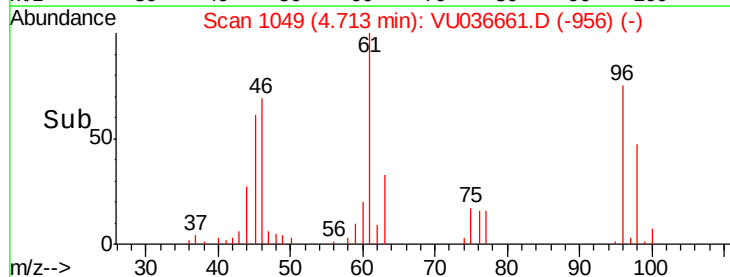
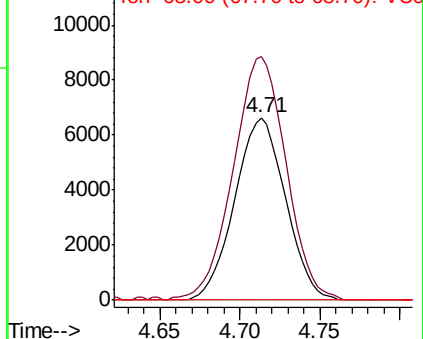
68 0.0 0.0 0.0

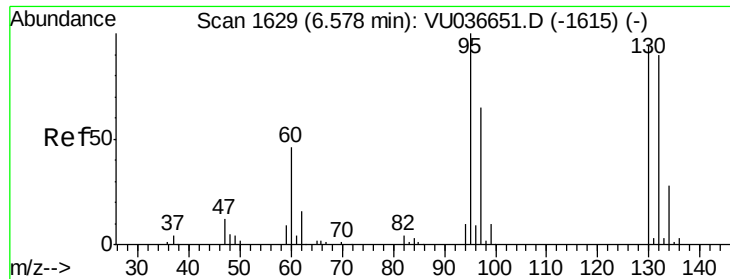


Abundance Ion 96.00 (95.70 to 96.70): VU036661.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU036661.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU036661.D (-956) (-)





#34

Trichloroethene

Concen: 4.964 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036661.D

Acq: 31 Jan 2020 23:53

Instrument :

MSVOA_U

ClientSampleId :

DBCS3

Tgt Ion: 95 Resp: 10073

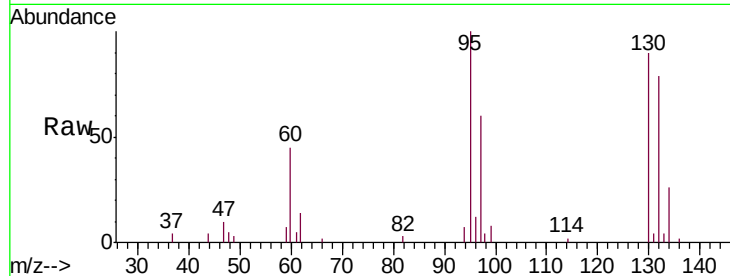
Ion Ratio Lower Upper

95 100

97 59.7 45.4 84.4

132 78.8 63.2 117.4

130 90.2 65.9 122.3

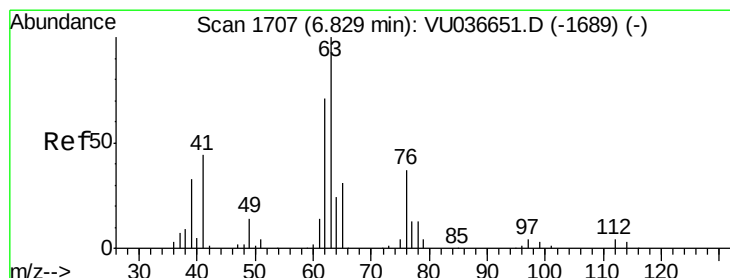
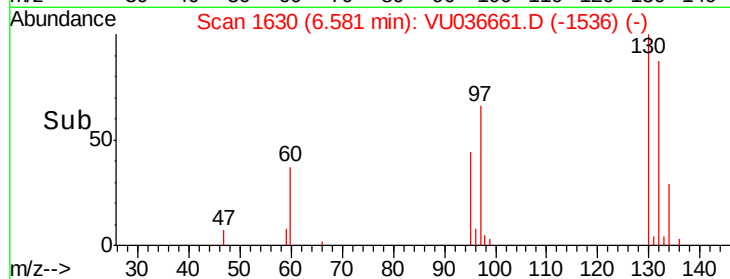
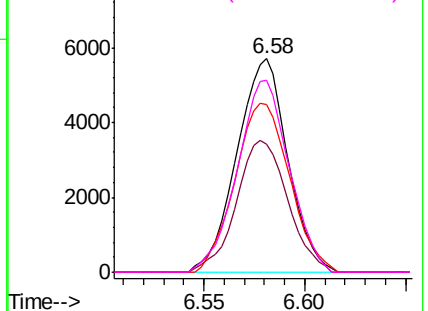


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.193 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036661.D

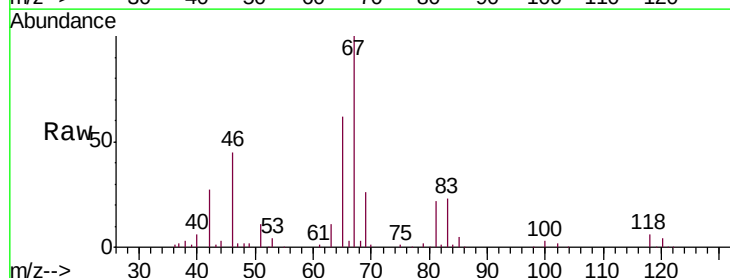
Acq: 31 Jan 2020 23:53

Tgt Ion: 63 Resp: 14006

Ion Ratio Lower Upper

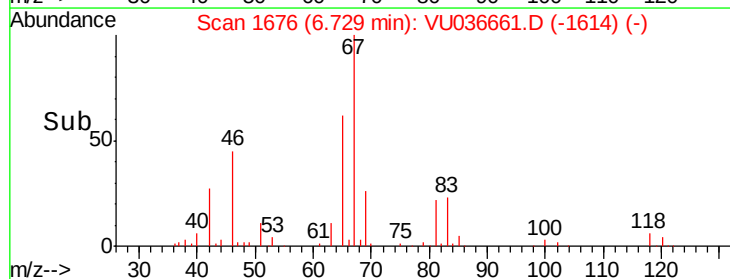
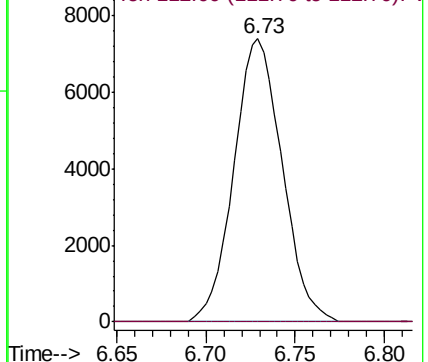
63 100

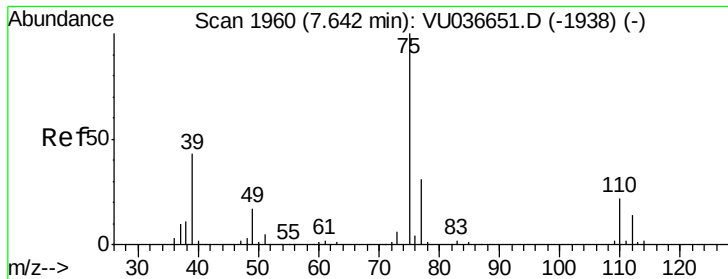
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

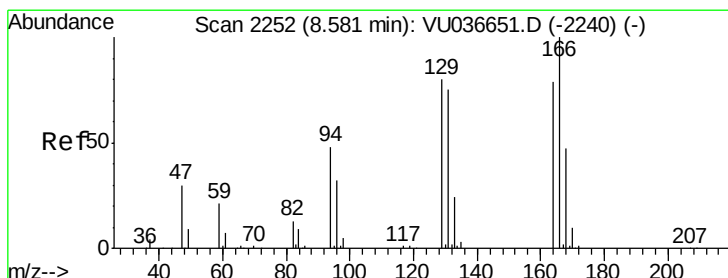
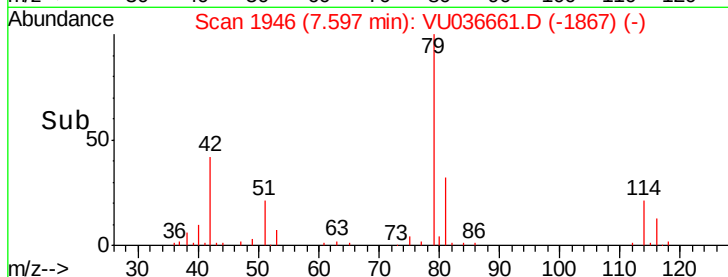
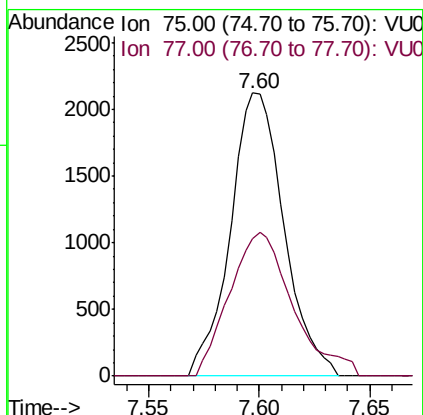
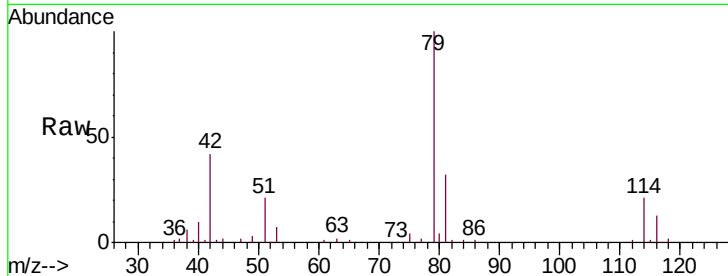




#39
 cis-1,3-Dichloropropene
 Concen: 1.004 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036661.D
 Acq: 31 Jan 2020 23:53

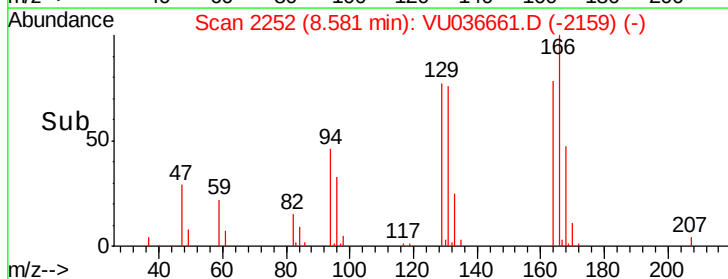
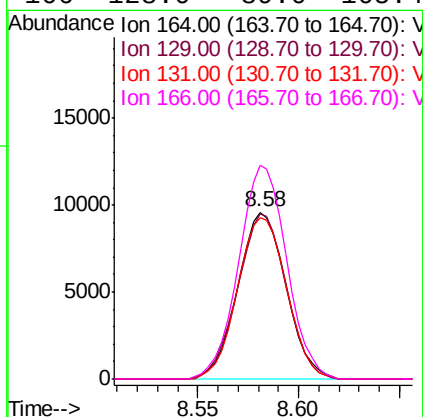
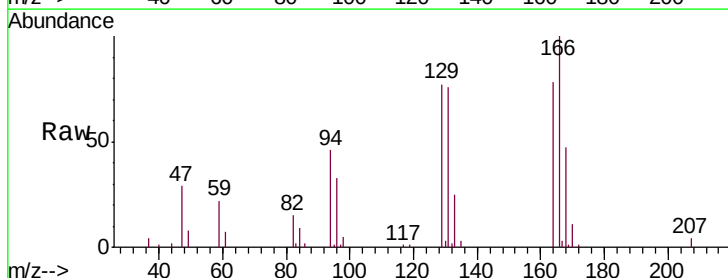
Instrument :
 MSVOA_U
 ClientSampleId :
 DBCS3

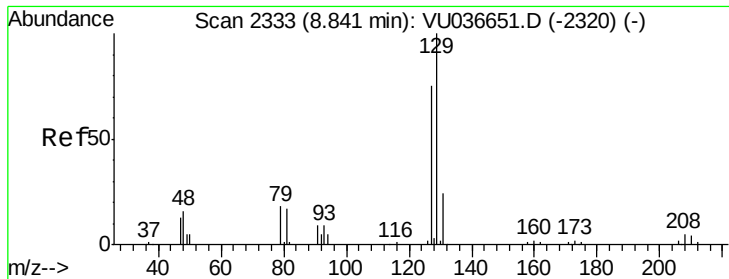
Tgt Ion: 75 Resp: 3594
 Ion Ratio Lower Upper
 75 100
 77 48.4 22.0 41.0#



#46
 Tetrachloroethene
 Concen: 10.765 ug/L
 RT: 8.58 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VU036661.D
 Acq: 31 Jan 2020 23:53

Tgt Ion: 164 Resp: 16078
 Ion Ratio Lower Upper
 164 100
 129 99.1 71.1 132.1
 131 96.9 66.9 124.3
 166 128.0 89.0 165.4





#49

Dibromochloromethane

Concen: 7.949 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.26 min

Lab File: VU036661.D

Acq: 31 Jan 2020 23:53

Instrument :

MSVOA_U

ClientSampleId :

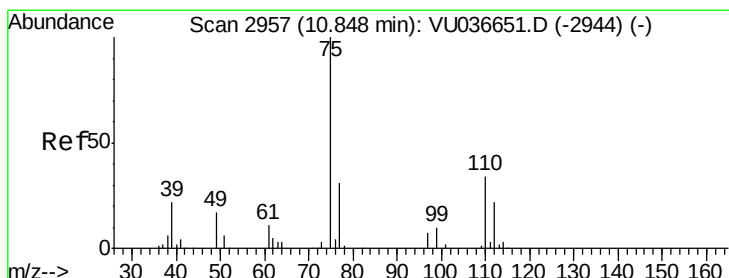
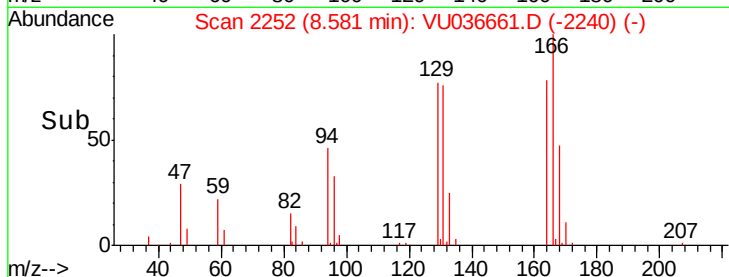
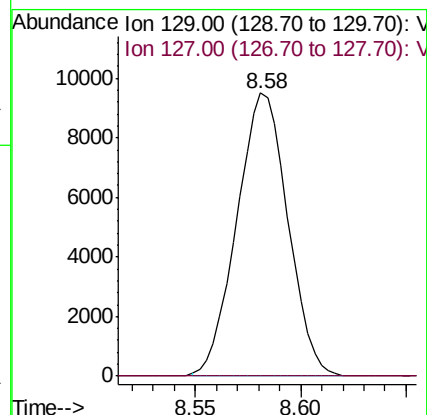
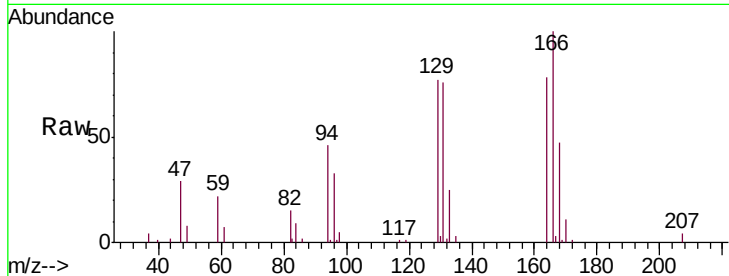
DBCS3

Tgt Ion:129 Resp: 15967

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.2#



#59

1,2,3-Trichloropropane

Concen: 4.899 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036661.D

Acq: 31 Jan 2020 23:53

Tgt Ion: 75 Resp: 14707

Ion Ratio Lower Upper

75 100

77 36.2 25.2 37.8

