

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122319\
 Data File : VU036331.D
 Acq On : 23 Dec 2019 17:12
 Operator : JC/MD
 Sample : K6282-13DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW9DL

Quant Time: Dec 24 01:33:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 00:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	247978	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268796	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	106321	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	125265	5.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.80%
7) Chloroethane-d5	1.93	69	107060	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.59	63	130474	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.68	46	194153	47.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.92%
24) Chloroform-d	5.11	84	179249	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.75	65	95320	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.77	84	343864	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.73	67	110085	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.93	98	289455	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.21	79	41386	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.67	63	160435	47.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.80%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	91474	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	109285	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

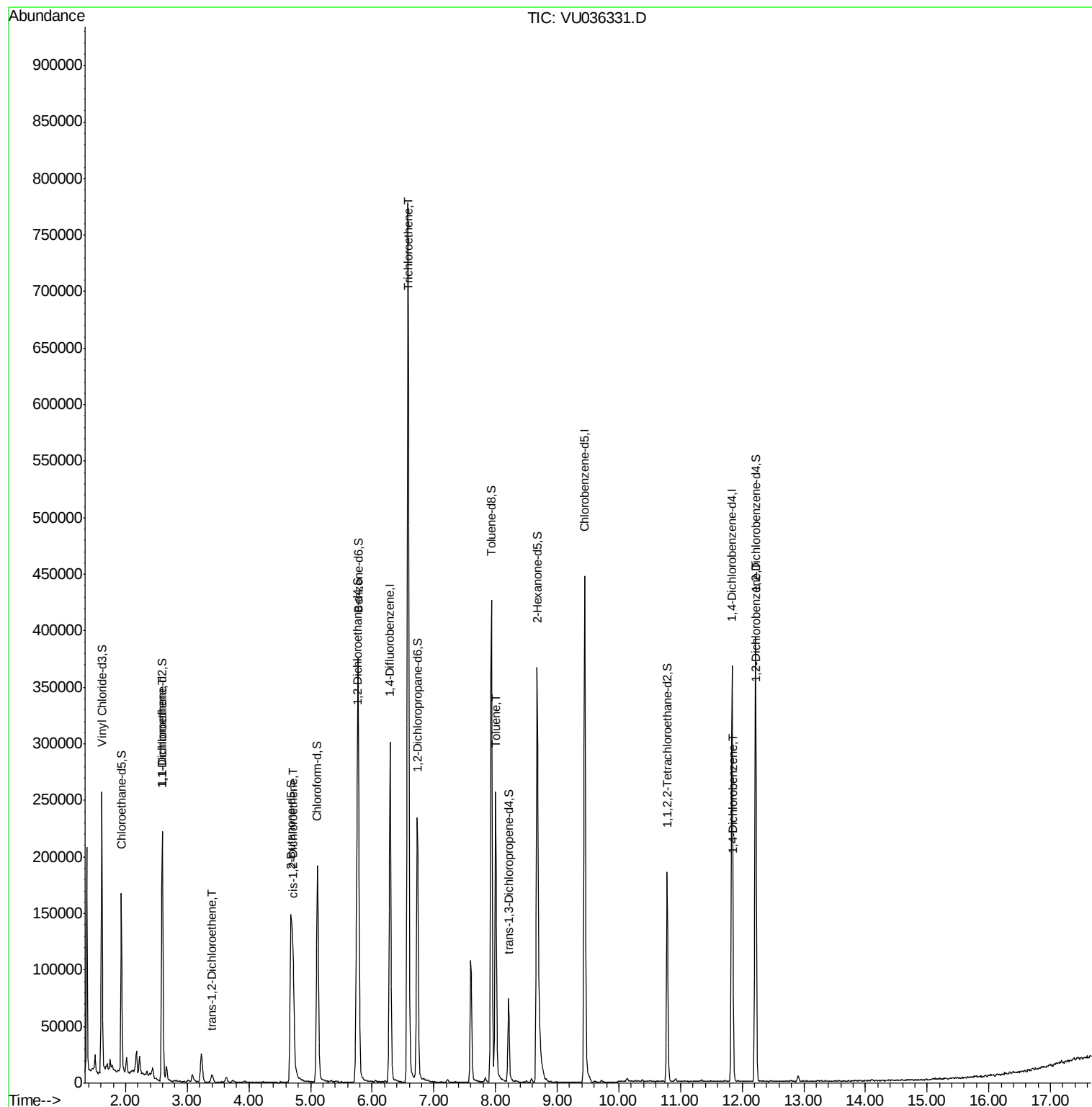
				Ovalue	
12) 1,1-Dichloroethene	2.61	96	3003	0.163 ug/L	# 1
18) trans-1,2-Dichloroethene	3.39	96	1715	0.089 ug/L	85
22) cis-1,2-Dichloroethene	4.72	96	44714	2.163 ug/L	100
34) Trichloroethene	6.58	95	266516	12.514 ug/L	98
42) Toluene	8.00	91	189988	2.146 ug/L	96
63) 1,4-Dichlorobenzene	11.86	146	5117	0.144 ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	3209	0.094 ug/L	96

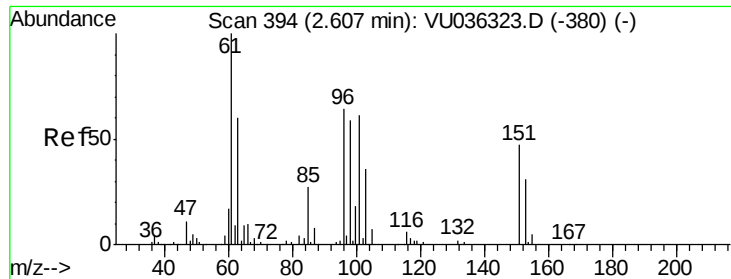
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 00:19:34 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.163 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU036331.D

Acq: 23 Dec 2019 17:12

Instrument :

MSVOA_U

ClientSampleId :

BFDW9DL

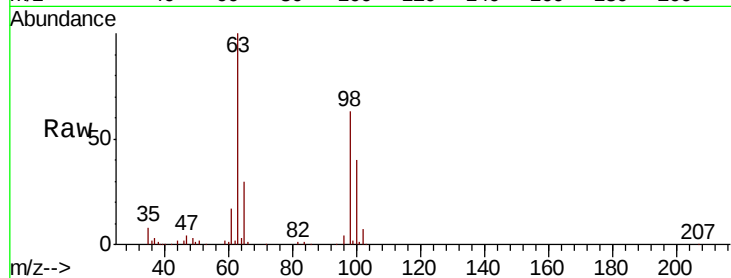
Tot Ion: 96 Resp: 3003

Ion Ratio Lower Upper

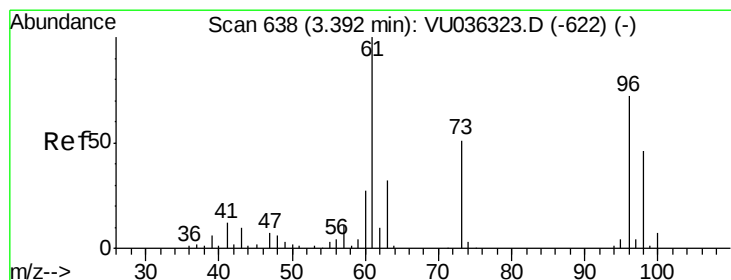
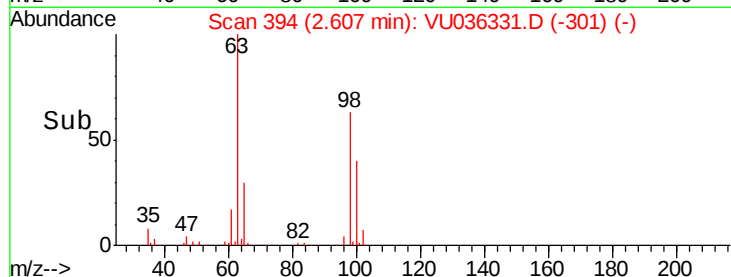
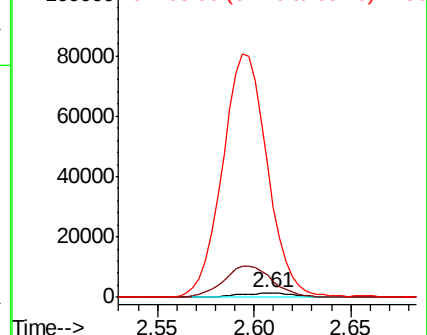
96 100

61 474.8 114.0 211.8#

63 2852.6 63.6 118.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.089 ug/L

RT: 3.39 min Scan# 638

Delta R.T. -0.00 min

Lab File: VU036331.D

Acq: 23 Dec 2019 17:12

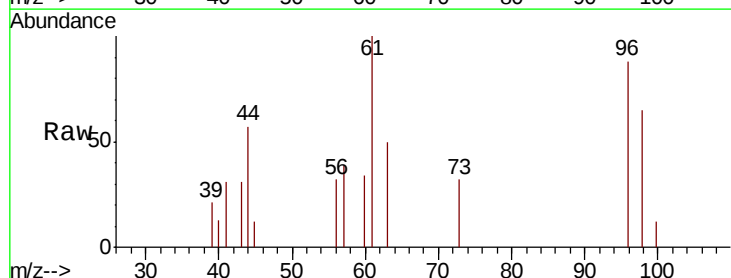
Tgt Ion: 96 Resp: 1715

Ion Ratio Lower Upper

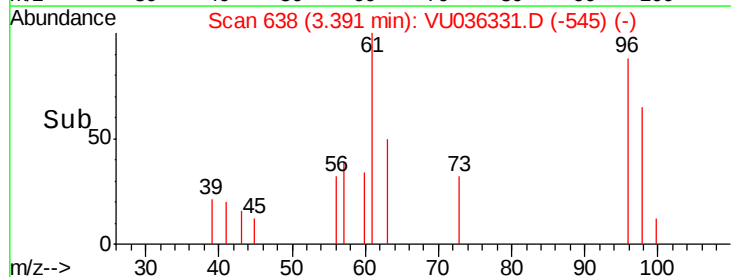
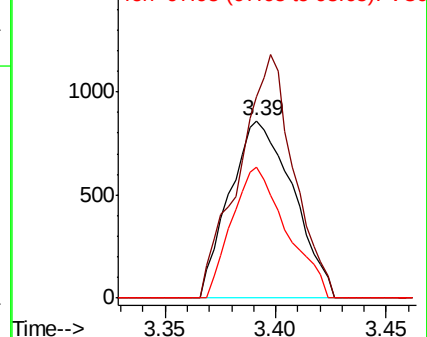
96 100

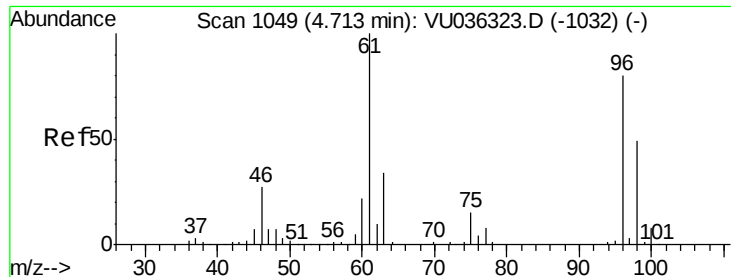
61 113.8 94.8 176.2

98 73.7 46.8 86.8



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 2.163 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU036331.D

Acq: 23 Dec 2019 17:12

Instrument :

MSVOA_U

ClientSampleId :

BFDW9DL

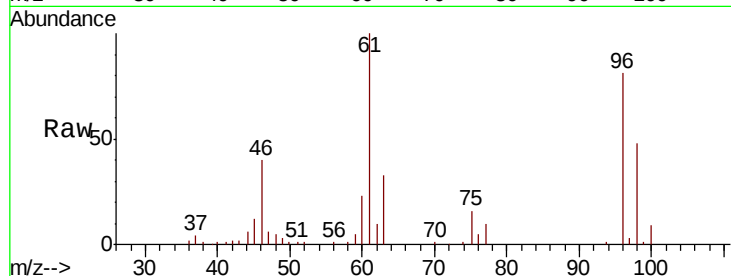
Tot Ion: 96 Resp: 44714

Ion Ratio Lower Upper

96 100

61 123.4 86.7 161.1

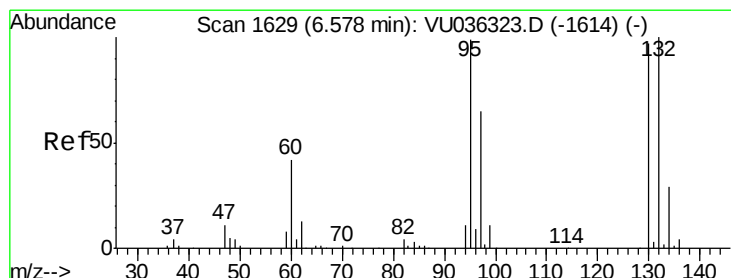
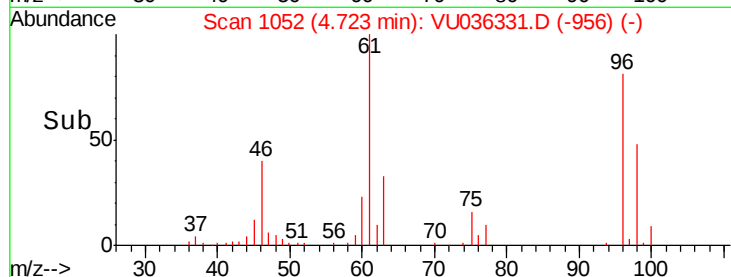
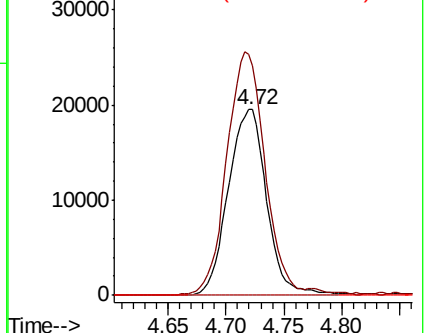
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036331.D (-956) (-)

Ion 61.05 (60.75 to 61.75): VU036331.D (-956) (-)

Ion 68.15 (67.85 to 68.85): VU036331.D (-956) (-)



#34

Trichloroethene

Concen: 12.514 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036331.D

Acq: 23 Dec 2019 17:12

Tgt Ion: 95 Resp: 266516

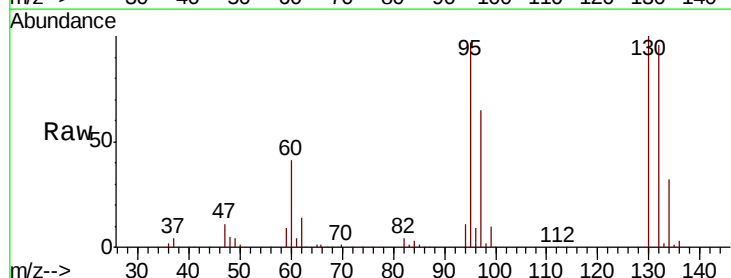
Ion Ratio Lower Upper

95 100

97 66.5 43.6 81.0

132 99.0 69.6 129.2

130 103.0 70.3 130.7

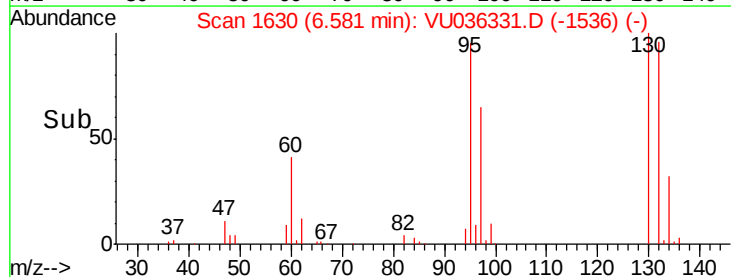
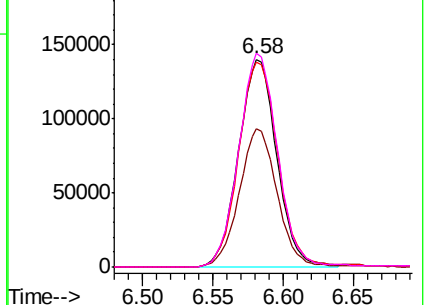


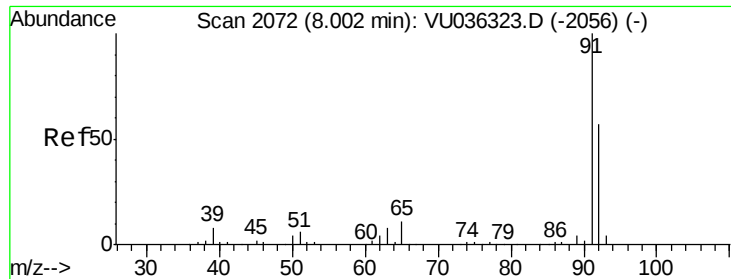
Abundance Ion 95.00 (94.70 to 95.70): VU036331.D (-1536) (-)

Ion 96.95 (96.65 to 97.65): VU036331.D (-1536) (-)

Ion 131.95 (131.65 to 132.65): VU036331.D (-1536) (-)

Ion 129.95 (129.65 to 130.65): VU036331.D (-1536) (-)





#42

Toluene

Concen: 2.146 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU036331.D

Acq: 23 Dec 2019 17:12

Instrument :

MSVOA_U

ClientSampleId :

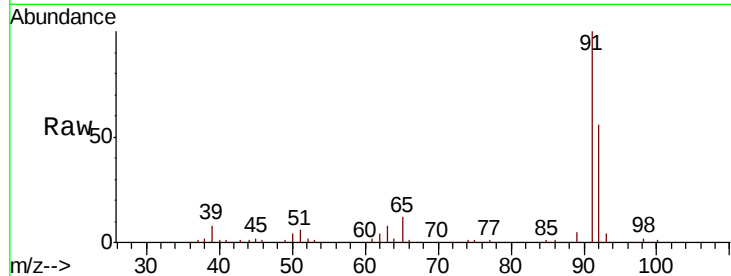
BFDW9DL

Tot Ion: 91 Resp: 189988

Ion Ratio Lower Upper

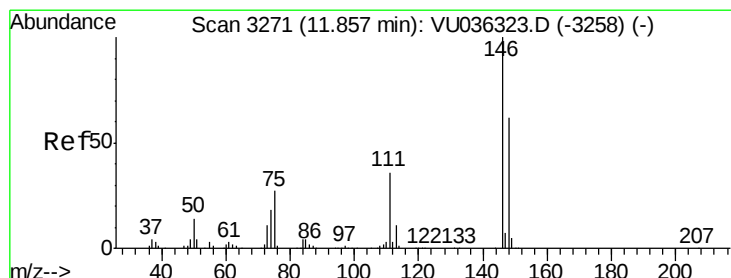
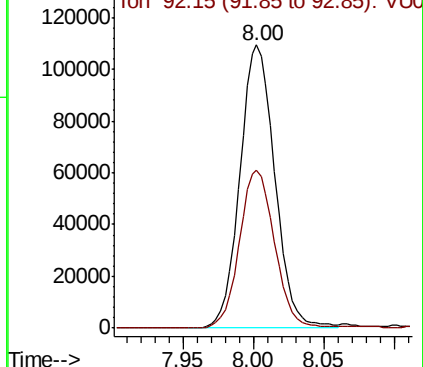
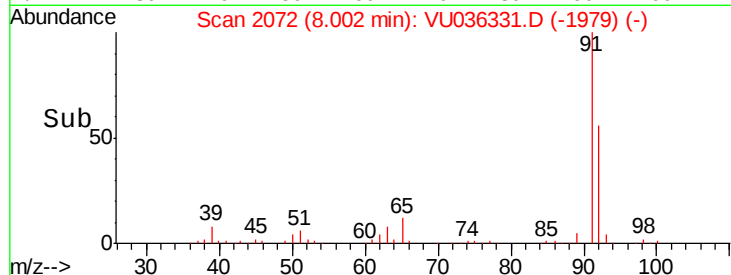
91 100

92 55.9 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VU036331.D (-1979) (-)

Ion 92.15 (91.85 to 92.85): VU036331.D (-1979) (-)



#63

1,4-Dichlorobenzene

Concen: 0.144 ug/L

RT: 11.86 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VU036331.D

Acq: 23 Dec 2019 17:12

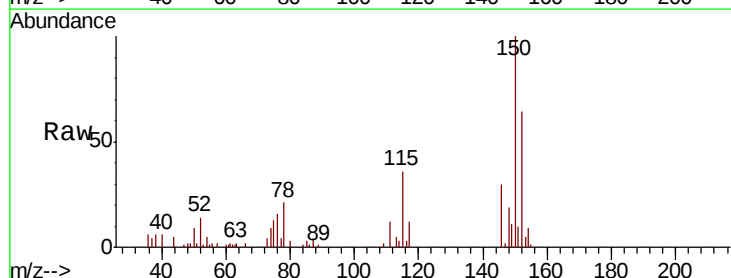
Tgt Ion: 146 Resp: 5117

Ion Ratio Lower Upper

146 100

111 41.4 25.8 48.0

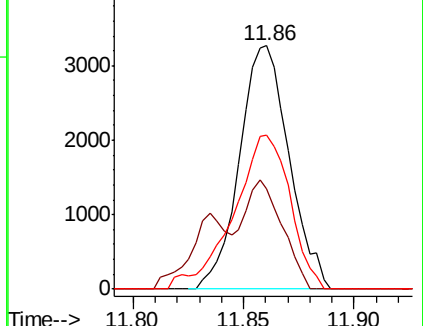
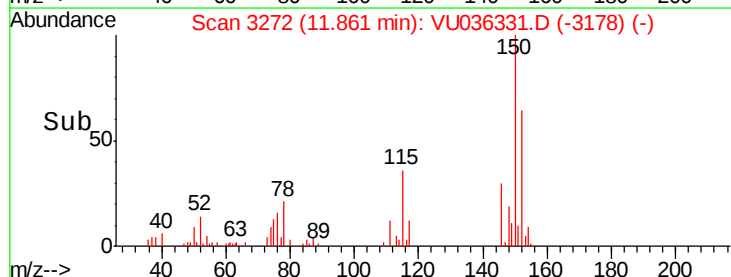
148 63.5 44.7 82.9

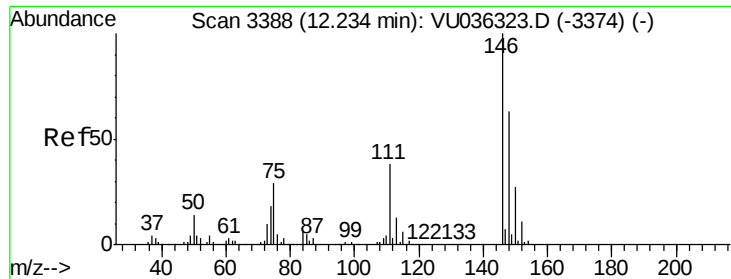


Abundance Ion 145.95 (145.65 to 146.65): VU036331.D (-3178) (-)

Ion 111.00 (110.70 to 111.70): VU036331.D (-3178) (-)

Ion 148.00 (147.70 to 148.70): VU036331.D (-3178) (-)





#65
 1,2-Dichlorobenzene
 Concen: 0.094 ug/L
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU036331.D
 Acq: 23 Dec 2019 17:12

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW9DL

Tot Ion:146 Resp: 3209
 Ion Ratio Lower Upper
 146 100
 111 42.7 32.5 48.7
 148 64.5 49.2 73.8

